

LIFE, AND ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES - ASSOCIATION EDITION

## **ANNUAL STATEMENT**

FOR THE YEAR ENDED DECEMBER 31, 2022 OF THE CONDITION AND AFFAIRS OF THE

# ANNUITY INVESTORS LIFE INSURANCE COMPANY NAIC Group Code 0435 0435 NAIC Company Code 93661 Employer's ID Number 31-1021738

191 Rosa Parks Street (Street and Number)  191 Rosa Parks Street (Street and Number)  www.massmutualascend.co	cenefit Societies [ ] cenced Business  Cin (City or Town  (Area C  City or Town  (Area C  Area C  Treasurer  Oppointed Actuary	cinnati, OH, US 45202  n, State, Country and Zip Code)  513-361-9000  Code) (Telephone Number)  ncinnati, OH, US 45201  n, State, Country and Zip Code)  513-361-9000  Code) (Telephone Number)  513-361-9077  Area Code) (Telephone Number)  513-345-9484  (FAX Number)
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WWW.massmutualascend.co	Treasurer	513-361-9077 Area Code) (Telephone Number) 513-345-9484 (FAX Number)  Brian Patrick Sponaugle #
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OTHER	ppointed Actuary	(FAX Number)  Brian Patrick Sponaugle #
OTHER	ppointed Actuary	Brian Patrick Sponaugle #
WIGHAGE TODELLE ATTIMIT	<del>-</del> -	Michael Harrison Haney
DIRECTORS OR TRUST	EES	
Elizabeth Ward Chicare Roger William Crandal		Susan Marie Cicco Michael Robert Fanning
Sears Andrew Merritt #	#	Mark Francis Muething
Eric William Partlan	77	Arthur William Wallace III
ss		
aid reporting entity, free and herein contained, annexed or od stated above, and of its ind unting Practices and Procedu accounting practices and propertions and propertions and propertions.	d clear from any liens or r referred to, is a full and come and deductions th- ures manual except to the rocedures, according to t related corresponding a	ing entity, and that on the reporting period stated above, r claims thereon, except as herein stated, and that this I true statement of all the assets and liabilities and of the erefrom for the period ended, and have been completed he extent that: (1) state law may differ; or, (2) that state to the best of their information, knowledge and belief, electronic filing with the NAIC, when required, that is an erequested by various regulators in lieu of or in addition  Brian Patrick Sponaugle  Treasurer
<	John Paul Gruber	An hol-

# OFFICERS AND DIRECTORS WHO DID NOT OCCUPY THE INDICATED POSITION IN THE PREVIOUS ANNUAL STATEMENT



KELLY BULLER Notary Public, State of Ohio My Commission Expires 10-14-2023

# **ASSETS**

		Current Year			Prior Year
		1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	4 Net Admitted Assets
1.	Bonds (Schedule D)			2,322,409,477	2,189,149,427
2.	Stocks (Schedule D):				
	2.1 Preferred stocks	4,000,000		4,000,000	
	2.2 Common stocks			0	124
3.	Mortgage loans on real estate (Schedule B):				
	3.1 First liens				
	3.2 Other than first liens			0	
4.	Real estate (Schedule A):				
	4.1 Properties occupied by the company (less \$ encumbrances)			0	
	4.2 Properties held for the production of income (less			0	
	\$encumbrances)			0	
	4.3 Properties held for sale (less \$				
	encumbrances)			0	
5.	Cash (\$(3,454,558), Schedule E - Part 1), cash equivalents				
	(\$43,899,471 , Schedule E - Part 2) and short-term				
	investments (\$4,879,338 , Schedule DA)	45,324,251		45,324,251	229,235,013
6.	Contract loans (including \$ premium notes)	45,036,171		45,036,171	47 , 190 , 707
7.	Derivatives (Schedule DB)	24,814,134		24,814,134	16,529,016
8.	Other invested assets (Schedule BA)				
9.	Receivables for securities				
10.	Securities lending reinvested collateral assets (Schedule DL)				
11.	Aggregate write-ins for invested assets				
12.	Subtotals, cash and invested assets (Lines 1 to 11)	2,460,466,030	750,481	2,459,715,549	2,507,812,874
13.	Title plants less \$ charged off (for Title insurers				
	only)				
14.	Investment income due and accrued	24,494,932		24,494,932	21,363,802
15.	Premiums and considerations: 15.1 Uncollected premiums and agents' balances in the course of collection			0	
	15.2 Deferred premiums, agents' balances and installments booked but			0	
	deferred and not yet due (including \$				
	earned but unbilled premiums)	30.072	30.072	0	
	15.3 Accrued retrospective premiums (\$		,		
	contracts subject to redetermination (\$			0	
16.	Reinsurance:				
	16.1 Amounts recoverable from reinsurers			0	
	16.2 Funds held by or deposited with reinsured companies			0	
	16.3 Other amounts receivable under reinsurance contracts			0	
17.	Amounts receivable relating to uninsured plans			0	
18.1	Current federal and foreign income tax recoverable and interest thereon $\ldots$			0	
18.2	Net deferred tax asset				
19.	Guaranty funds receivable or on deposit				
20.	Electronic data processing equipment and software			0	
21.	Furniture and equipment, including health care delivery assets			_	
	(\$)				
22.	Net adjustment in assets and liabilities due to foreign exchange rates				
23.	Receivables from parent, subsidiaries and affiliates  Health care (\$				
24. 25.	Aggregate write-ins for other than invested assets				
25. 26.	Total assets excluding Separate Accounts, Segregated Accounts and				
۷٠.	Protected Cell Accounts (Lines 12 to 25)	2,489,218,125	1,690,359	2,487,527,766	2,534,960,535
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts	499,062.678		499,062.678	690,771.210
28.	Total (Lines 26 and 27)	2,988,280,803	1,690,359	2,986,590,444	3,225,731,745
	DETAILS OF WRITE-INS				·
1101.					
1102.					
1103.					
1198.	Summary of remaining write-ins for Line 11 from overflow page	0	0	0	0
1199.	Totals (Lines 1101 thru 1103 plus 1198)(Line 11 above)	0	0	0	0
2501.	Accrued contractual fee income			790,371	,
2502.	Receivable for marketing reallowance	- /		173,016	,
2503.	Other assets		1		,
2598.	Summary of remaining write-ins for Line 25 from overflow page		0		2,040,000
2599.	Totals (Lines 2501 thru 2503 plus 2598)(Line 25 above)	1,133,371	147,716	985,655	3,076,864

# LIABILITIES, SURPLUS AND OTHER FUNDS

	·	1 Current Year	2 Prior Year
1.	Aggregate reserve for life contracts \$		
2.	included in Line 6.3 (including \$ Modco Reserve)	0	
3.	Liability for deposit-type contracts (Exhibit 7, Line 14, Col. 1) (including \$	16,362,774	18,065,509
4.	Contract claims: 4.1 Life (Exhibit 8, Part 1, Line 4.4, Col. 1 less sum of Cols. 9, 10 and 11)	6,869,209	5,119,354
	4.2 Accident and health (Exhibit 8, Part 1, Line 4.4, sum of Cols. 9, 10 and 11)		
5.	Policyholders' dividends/refunds to members \$ and coupons \$ due and unpaid (Exhibit 4, Line 10)	0	0
6.	Provision for policyholders' dividends, refunds to members and coupons payable in following calendar year - estimated		
	amounts: 6.1 Policyholders' dividends and refunds to members apportioned for payment (including \$		
	Modco)		
	6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$		
7.	Amount provisionally held for deferred dividend policies not included in Line 6		
8.	Premiums and annuity considerations for life and accident and health contracts received in advance less  \$		
	Part 1, Col. 1, sum of lines 4 and 14)	0	0
9.	Contract liabilities not included elsewhere: 9.1 Surrender values on canceled contracts		
	9.2 Provision for experience rating refunds, including the liability of \$ accident and health		
	experience rating refunds of which \$		
	Service Act		
	ceded		
10	9.4 Interest maintenance reserve (IMR, Line 6)	4,867,379	6,059,191
10.	\$ and deposit-type contract funds \$		
11.	Commissions and expense allowances payable on reinsurance assumed		
12. 13.	General expenses due or accrued (Exhibit 2, Line 12, Col. 7)	2,4/3,344	2,043,350
	allowances recognized in reserves, net of reinsured allowances)	(61)	(119)
14. 15.1	Taxes, licenses and fees due or accrued, excluding federal income taxes (Exhibit 3, Line 9, Col. 6)	331,190	
15.1	Net deferred tax liability	752,215	2,055,902
16.	Unearned investment income		
17. 18.	Amounts withheld or retained by reporting entity as agent or trustee		
19.	Remittances and items not allocated	1,789,206	532,913
20. 21.	Net adjustment in assets and liabilities due to foreign exchange rates		
22.	Borrowed money \$ and interest thereon \$		
23.	Dividends to stockholders declared and unpaid		
24.	Miscellaneous liabilities: 24.01 Asset valuation reserve (AVR, Line 16, Col. 7)	17 915 672	16 219 967
	24.02 Reinsurance in unauthorized and certified (\$	0	0
	24.03 Funds held under reinsurance treaties with unauthorized and certified (\$		
	24.05 Drafts outstanding		
	24.06 Liability for amounts held under uninsured plans		
	24.07 Funds held under coinsurance 24.08 Derivatives		
	24.09 Payable for securities		31,321
	24.10 Payable for securities lending		
25.	Aggregate write-ins for liabilities		2,946,037
26.	Total liabilities excluding Separate Accounts business (Lines 1 to 25)	_,,,	2,164,458,575
27. 28.	From Separate Accounts Statement  Total liabilities (Lines 26 and 27)	2,602,430,411	690,771,210 2,855,229,785
29.	Common capital stock	2,500,000	2,500,000
30. 31.	Preferred capital stock		0
32.	Surplus notes	0	
33. 34.	Gross paid in and contributed surplus (Page 3, Line 33, Col. 2 plus Page 4, Line 51.1, Col. 1)		
34. 35.	Aggregate write-ins for special surplus funds		
	Less treasury stock, at cost:	, ,	, ,
	36.1 shares common (value included in Line 29 \$ )		
	Surplus (Total Lines 31+32+33+34+35-36) (including \$0 in Separate Accounts Statement)	381,660,033	368,001,960
38.	Totals of Lines 29, 30 and 37 (Page 4, Line 55)	384,160,033	370,501,960
39.	Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)  DETAILS OF WRITE-INS	2,986,590,444	3,225,731,745
	Liability for funds held as collateral		
2502. 2503.	Unclaimed property	, ,	,
2598.	Summary of remaining write-ins for Line 25 from overflow page		0
2599. 3101.	Totals (Lines 2501 thru 2503 plus 2598)(Line 25 above)	3,467,269	2,946,037
3101. 3102.			
3103.			
3198. 3199.	Summary of remaining write-ins for Line 31 from overflow page	0 0	0 0
3401.	Totals (Lines 3101 tillu 3103 pius 3196)(Line 31 above)		
3402.			
3403. 3498.	Summary of remaining write-ins for Line 34 from overflow page		
3499.	Totals (Lines 3401 thru 3403 plus 3498)(Line 34 above)	0	0

# **SUMMARY OF OPERATIONS**

		1	2
1.	Premiums and annuity considerations for life and accident and health contracts (Exhibit 1, Part 1, Line 20.4, Col. 1, less	Current Year	Prior Year
	Col. 11)	82, 171,565	97,433,638
2.	Considerations for supplementary contracts with life contingencies		
3.	Net investment income (Exhibit of Net Investment Income, Line 17)	92,553,702	105,1/8,864
4. 5.	Separate Accounts net gain from operations excluding unrealized gains or losses	1,032,020	1,444,447
6.	Commissions and expense allowances on reinsurance ceded (Exhibit 1, Part 2, Line 26.1, Col. 1)	0	
7.	Reserve adjustments on reinsurance ceded		
8.	Miscellaneous Income:		
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate	7 507 356	9,258,331
	Accounts		
	8.3 Aggregate write-ins for miscellaneous income		3,305,182
9.	Total (Lines 1 to 8.3)	187,048,878	216,811,367
10.	Death benefits		
11.	Matured endowments (excluding guaranteed annual pure endowments)	0	
12.	Annuity benefits (Exhibit 8, Part 2, Line 6.4, Cols. 4 + 8)	19,469,430	17,072,911
13.	Disability benefits and benefits under accident and health contracts		
14. 15.	Coupons, guaranteed annual pure endowments and similar benefits	249 087 180	283 633 118
16.	Group conversions		
17.	Interest and adjustments on contract or deposit-type contract funds		
18.	Payments on supplementary contracts with life contingencies	0	
19.	Increase in aggregate reserves for life and accident and health contracts	(79,669,725)	(65,290,003)
20.	Totals (Lines 10 to 19)	192,917,561	239,946,619
21.	Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only) (Exhibit 1, Part	7 404 005	0.004.001
20	2, Line 31, Col. 1)		8,691,264
22. 23.	Commissions and expense allowances on reinsurance assumed (Exhibit 1, Part 2, Line 26.2, Col. 1)		
23. 24.	Insurance taxes, licenses and fees, excluding federal income taxes (Exhibit 3, Line 7, Cols. 1 + 2 + 3 + 5)	950 326	918 742
25.	Increase in loading on deferred and uncollected premiums	0	
26.	Net transfers to or (from) Separate Accounts net of reinsurance	(54,797,860)	(76,609,193
27.	Aggregate write-ins for deductions	0	0
28.	Totals (Lines 20 to 27)	157,796,243	185,296,492
29.	Net gain from operations before dividends to policyholders, refunds to members and federal income taxes (Line 9 minus	00 050 005	04 544 075
20	Line 28)	29,252,635	31,514,875
30. 31.	Dividends to policyholders and refunds to members	U	
51.	minus Line 30)	29.252.635	
32.	Federal and foreign income taxes incurred (excluding tax on capital gains)	4,221,350	5,320,850
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before		
	realized capital gains or (losses) (Line 31 minus Line 32)	25,031,285	26, 194, 025
34.	Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of	(040,444)	4 000 000
25	\$(138,954) (excluding taxes of \$117,179 transferred to the IMR)	(940,441)	1,920,608 28.114.633
35.	CAPITAL AND SURPLUS ACCOUNT	24,090,044	20, 114,000
36.	Capital and surplus, December 31, prior year (Page 3, Line 38, Col. 2)	370,501,960	343,271,691
37.	Net income (Line 35)		
38.	Change in net unrealized capital gains (losses) less capital gains tax of \$(160,340)		
39.	Change in net unrealized foreign exchange capital gain (loss)		
40.	Change in net deferred income tax	387,035	106,625
41.	Change in nonadmitted assets		
42.	Change in liability for reinsurance in unauthorized and certified companies		
43. 44.	Change in reserve on account of change in valuation basis, (increase) or decrease	(1 605 705)	(671 731
45.	Change in treasury stock (Page 3, Lines 36.1 and 36.2, Col. 2 minus Col. 1)		
46.	Surplus (contributed to) withdrawn from Separate Accounts during period		
47.	Other changes in surplus in Separate Accounts Statement		
48.	Change in surplus notes		
49.	Cumulative effect of changes in accounting principles	(11, 112, 062)	
50.	Capital changes:		
	50.1 Paid in		
	50.2 Transferred from surplus (Stock Dividend)		
51.	Surplus adjustment:		
J	51.1 Paid in	0	0
	51.2 Transferred to capital (Stock Dividend)		
	51.3 Transferred from capital		
_	51.4 Change in surplus as a result of reinsurance		
52.	Dividends to stockholders		
53. 54.	Aggregate write-ins for gains and losses in surplus	13,658,073	27,230,269
	Net change in capital and surplus for the year (Lines 37 through 53)	384,160,033	370,501,960
	Canital and surplus. December 31, current year (Lines 36 ± 54) (Page 3, Line 39)		370,301,300
55.	Capital and surplus, December 31, current year (Lines 36 + 54) (Page 3, Line 38)  DETAILS OF WRITE-INS	304, 100,033	
55.	Capital and surplus, December 31, current year (Lines 36 + 54) (Page 3, Line 38)  DETAILS OF WRITE-INS  Contractual rider fee income	, ,	1.558.967
55. 08.301. 08.302.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance	1,567,7831,253,696	1,544,118
55. 08.301. 08.302. 08.303.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees	1,567,783 1,253,696 212,832	1,544,118 223,823
55. 08.301. 08.302. 08.303. 08.398.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page		1,544,118 223,823 (21,726
55. 08.301. 08.302. 08.303. 08.398. 08.399.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)		
55. 08.301 08.302 08.303 08.398 08.399 2701.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)		
55. 08.301. 08.302. 08.303. 08.398. 08.399. 2701. 2702.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)		
55. 08.301. 08.302. 08.303. 08.398. 08.399. 2701. 2702. 2703.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)		
55. 08.301. 08.302. 08.303. 08.398. 08.399. 2701. 2702. 2703. 2798.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)  Summary of remaining write-ins for Line 27 from overflow page		
55. 08.301. 08.302. 08.303. 08.398. 08.399. 2701. 2702. 2703. 2798. 2799.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)  Summary of remaining write-ins for Line 27 from overflow page Totals (Lines 2701 thru 2703 plus 2798)(Line 27 above)		
55.  08.301 08.302 08.303 08.398 08.399 2701 2702 2703 2798 2799 5301	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)  Summary of remaining write-ins for Line 27 from overflow page Totals (Lines 2701 thru 2703 plus 2798)(Line 27 above)		
55.  08.301 08.302 08.303 08.398 2701 2702 2703 2798 2799 5301 5302	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)  Summary of remaining write-ins for Line 27 from overflow page Totals (Lines 2701 thru 2703 plus 2798)(Line 27 above)		
55. 08.301 08.302 08.303 08.398 2701. 2702. 2703. 2798. 2799. 5301. 5302. 5303.	DETAILS OF WRITE-INS Contractual rider fee income Marketing reallowance Contractual annual maintenance and surrender charge fees Summary of remaining write-ins for Line 8.3 from overflow page Totals (Lines 08.301 thru 08.303 plus 08.398)(Line 8.3 above)  Summary of remaining write-ins for Line 27 from overflow page Totals (Lines 2701 thru 2703 plus 2798)(Line 27 above)		

	OAOIII LOW	1	2
			_
		Current Year	Prior Year
	Cash from Operations		
1.	Premiums collected net of reinsurance		97,433,638
2.	Net investment income		, ,
3.	Miscellaneous income		12,552,150
4.	Total (Lines 1 through 3)		227,478,519
5.	Benefit and loss related payments		
6.	Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts		
7.	Commissions, expenses paid and aggregate write-ins for deductions		
8.	Dividends paid to policyholders		0
9.	Federal and foreign income taxes paid (recovered) net of \$(21,775) tax on capital gains (losses)		6,581,020
10.	Total (Lines 5 through 9)	238,885,550	250,028,879
11.	Net cash from operations (Line 4 minus Line 10)	(45,579,617)	(22,550,360
	Cash from Investments		
12.	Proceeds from investments sold, matured or repaid:		
	12.1 Bonds	297,165,867	426,590,157
	12.2 Stocks	0	2,008,048
	12.3 Mortgage loans	0	0
	12.4 Real estate	0	0
	12.5 Other invested assets	0	0
	12.6 Net gains or (losses) on cash, cash equivalents and short-term investments	814	(421,393
	12.7 Miscellaneous proceeds	0	0
	12.8 Total investment proceeds (Lines 12.1 to 12.7)	297,166,681	428 , 176 , 813
13.	Cost of investments acquired (long-term only):		
	13.1 Bonds	422,465,913	247,091,423
	13.2 Stocks	4,000,000	0
	13.3 Mortgage loans	0	0
	13.4 Real estate	0	0
	13.5 Other invested assets	0	0
	13.6 Miscellaneous applications	9,656,802	13,623,260
	13.7 Total investments acquired (Lines 13.1 to 13.6)	436, 122, 715	260,714,683
14.	Net increase (decrease) in contract loans and premium notes	(2,154,536)	(3,452,096
15.	Net cash from investments (Line 12.8 minus Line 13.7 minus Line 14)	(136,801,498)	170,914,226
	Cash from Financing and Miscellaneous Sources		
16.	Cash provided (applied):		
	16.1 Surplus notes, capital notes	0	0
	16.2 Capital and paid in surplus, less treasury stock	0	0
	16.3 Borrowed funds	0	0
	16.4 Net deposits on deposit-type contracts and other insurance liabilities	(5,584,119)	(6,337,820
	16.5 Dividends to stockholders	0	0
	16.6 Other cash provided (applied)	4,054,472	(1,541,121
17.	Net cash from financing and miscellaneous sources (Lines 16.1 to 16.4 minus Line 16.5 plus Line 16.6)	(1,529,647)	(7,878,941
	RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS		
18.	Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17)	(183,910,762)	140,484,925
19.	Cash, cash equivalents and short-term investments:		
	19.1 Beginning of year	229,235,013	88,750,088
	19.2 End of year (Line 18 plus Line 19.1)	45,324,251	229,235,013
loto: C	runnlamental disclosures of cash flow information for non-cash transactions:		
20.000	upplemental disclosures of cash flow information for non-cash transactions:  1. Bonds conversions and refinancing		
20.000	2. Exchanges		14,210,125

Note: Supplemental disclosures of cash flow information for non-cash transactions:		
20.0001. Bonds conversions and refinancing	12,803,503	
20.0002 Exchanges		14,210,125
20,0003 Transfers		2.999.997
		,,

## ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - SUMMARY

	<i>F</i>	ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - SUMMARY							•	
		1	2	3	4	5	6	7	8 Other Lines of	9 YRT Mortality
		Total	Individual Life	Group Life	Individual Annuities	Group Annuities	Accident and Health	Fraternal	Business	Risk Only
1.	Premiums and annuity considerations for life and accident and health contracts	82,171,565	0	0	62,319,770	19,851,795				C
2.	Considerations for supplementary contracts with life contingencies	0	XXX	XXX			XXX	XXX		XXX
3.	Net investment income		0			4,846,577				C
4.	Amortization of Interest Maintenance Reserve (IMR)	1,632,626	0		,	85,492				
5.	Separate Accounts net gain from operations excluding unrealized gains or losses	0	0		0	0		XXX		C
6.	Commissions and expense allowances on reinsurance ceded	0	0			0		XXX	0	
7.	Reserve adjustments on reinsurance ceded	0	0	0	0	0		XXX		
8.	Miscellaneous Income:									
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	7,507,356	0	0		1,237,843		xxx		C
	8.2 Charges and fees for deposit-type contracts	149,293	0	0	) 149,293	0	XXX	XXX		C
	8.3 Aggregate write-ins for miscellaneous income	3,034,336	0	(	2,766,331	268,005	0	0	0	C
9.	Totals (Lines 1 to 8.3)	187,048,878	0	(	160,759,166	26,289,712	0	0	0	C
10.	Death benefits	0	0		00	0	XXX	XXX		
11.	Matured endowments (excluding guaranteed annual pure endowments)	0	0	0	0	0	XXX	XXX		C
12.	Annuity benefits	19,469,430	XXX	XXX			XXX	XXX		XXX
13.	Disability benefits and benefits under accident and health contracts	0	0	0	0	0		XXX		C
14.	Coupons, guaranteed annual pure endowments and similar benefits	0	0	0	0	0		XXX		
15.	Surrender benefits and withdrawals for life contracts	249,087,180	0		219, 139, 768	29,947,412	XXX	XXX		C
16.	Group conversions	0	0		0	0		XXX		C
17.	Interest and adjustments on contract or deposit-type contract funds	4,030,676	0	0	4,030,676	0		XXX		C
18.	Payments on supplementary contracts with life contingencies	0	0	0	0	0	XXX	XXX		C
19.	Increase in aggregate reserves for life and accident and health contracts	(79,669,725)	0	(	(87,364,010)	7,694,285		XXX		C
20.	Totals (Lines 10 to 19)	192,917,561	0		154,882,074	38,035,487	0	XXX	0	C
21.										
	(direct business only)	7,481,395				860,681		0	0	XXX
22.	Commissions and expense allowances on reinsurance assumed	0	0		00	0		XXX	0	
23.	General insurance expenses and fraternal expenses	11,244,821	0		10,728,817	516,004				
24.	Insurance taxes, licenses and fees, excluding federal income taxes	950,326	0		906,717	43,609				C
25.	Increase in loading on deferred and uncollected premiums	0	0		,	0		XXX		
26.	Net transfers to or (from) Separate Accounts net of reinsurance	(54,797,860)	0		(42,836,855)	(11,961,005)		XXX		
27.	Aggregate write-ins for deductions	0	0	(		07,404,770		0	0	U
28.	Totals (Lines 20 to 27)	157,796,243	0	(	130,301,467	27,494,776	0	0	0	C
29.	Net gain from operations before dividends to policyholders, refunds to members and federal income taxes (Line 9 minus Line 28)	29,252,635	0	0	30,457,699	(1,205,064)	0	0	0	C
30.	Dividends to policyholders and refunds to members	0	0	(	0	0		XXX		0
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	29,252,635	0	0	30,457,699	(1,205,064)	0	0	0	
32.	· ·	4,221,350	0	(	4,474,413	(253,063)				C
33.	Net gain from operations after dividends to policyholders, refunds to members and									
	federal income taxes and before realized capital gains or (losses) (Line 31 minus						1			
	Line 32)	25,031,285	0	(	20,000,200	(952,001)	\	0	0	0
34.	· · · · · · · · · · · · · · · · · · ·	90,111	0	(	85,991	4,120		XXX		0
	DETAILS OF WRITE-INS									
	. Contractual rider fee income	1,567,783				41,868				
	. Marketing reallowance	1,253,696				193,315				
	. Contract annual maintenance and surrender charge fees	212,832		-	180,014	32,818				
08.398		25	0		21	4	0	0	0	
08.399	. Totals (Lines 08.301 thru 08.303 plus 08.398) (Line 8.3 above)	3,034,336	0	(	2,766,331	268,005	0	0	0	<u> </u>
2701.										
2702.										
2703.		0	0		0		0	0	^	
2798.	Summary of remaining write-ins for Line 27 from overflow page					0	0	0	0	٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠
2799.	Totals (Lines 2701 thru 2703 plus 2798) (Line 27 above)	0	0	(	0	1 0	0	0	0	C

# Analysis of Operations by Lines of Business - Individual Life Insurance ${f N} \ {f O} \ {f N} \ {f E}$

Analysis of Operations by Lines of Business - Group Life Insurance  ${f N} \ {f O} \ {f N} \ {f E}$ 

## ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - INDIVIDUAL ANNUITIES (a)

	ANALISIS OF OF LIVATIONS BY LIV	1	Deferred				6	7
			2	3	4	5	Life Contingent	
					Variable Annuities	Variable Annuities	Payout (Immediate	
		Total	Fixed Annuities	Indexed Annuities	with Guarantees	Without Guarantees	and Annuitizations)	Other Annuities
1.	Premiums for individual annuity contracts	62,319,770	23,845,502	27,870,393	10,392,752		211, 123	
2.	· ·	0	XXX	XXX	xxx	XXX	, , , , , , , , , , , , , , , , , , , ,	XXX
3.		87 . 707 . 125	40,224,032		5,754,154		1. 121. 791	
4		1.547.134					19.788	
5.		0						
6.	Commissions and expense allowances on reinsurance ceded	0						
7.		0						
	Miscellaneous Income:			•••••				
0.	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	6.269.513			6.269.513			
			149.293					
	8.3 Aggregate write-ins for miscellaneous income	2.766.331		1.296.258	1.470.073	0	0	
_	Totals (Lines 1 to 8.3)	160.759.166	•					
9.			7 - 7 -	70,490,100	23,301,994	U	1,332,702	<u> </u>
10.		0						
11.	33	0	0.000.400		0.500.001		4 000 000	
12.	· <b>y</b> · · · · ·	19,075,640	8,393,460	6,063,136	3,582,821		1,036,223	
13.		0						
14.	Coupons, guaranteed annual pure endowments and similar benefits	0						
15.	Surrender benefits and withdrawals for life contracts		78,228,948	80,778,606	60, 132, 214			
16.		0						
17.	Interest and adjustments on contract or deposit-type contract funds	4,030,676	4,030,676					
18.	Payments on supplementary contracts with life contingencies	0						
19.	Increase in aggregate reserves for life and accident and health contracts	(87,364,010)		(38,789,079)	(6,566,193)		(361, 196)	
20.	Totals (Lines 10 to 19)	154,882,074	49,005,542		57, 148, 842	0	675,027	0
21.	Commissions on premiums, annuity considerations and deposit-type contract funds (direct business only)	6,620,714	2,312,025	2,252,957	2,055,732			
22.	Commissions and expense allowances on reinsurance assumed	0						
23.	General insurance expenses		4.998.033	4 . 134 . 440	1.487.941		108 . 403	
24.			422.396	349,411	125.749		9. 161	
25.		0			,		•,	
26.	Net transfers to or (from) Separate Accounts net of reinsurance				(42,836,855)			
27.	Aggregate write-ins for deductions	0	0	0	0		0	
28.	Totals (Lines 20 to 27)	130.301.467	56,737,996	54,789,471	17,981,409			
29.		30,457,699	8.190.374	15.700.629	6.006.585			
_			0, 190,3/4	10,700,629		U		u
30.	Dividends to policyholders and refunds to members		0 400 074	4F 700 000	0 000 505	_	E00 444	
	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	30,457,699	8,190,374	15,700,629	6,006,585			0
32.	Federal income taxes incurred (excluding tax on capital gains)	4,474,413	763,979	2,331,432	1,261,379		117,623	
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital	05 000 000	7 400 005	10 000 107	4 745 000		440, 400	•
	gains or (losses) (Line 31 minus Line 32)	25,983,286	7,426,395	13,369,197	4,745,206	0	,	U
34.	Policies/certificates in force end of year	85,991	40,107	33, 137	11,888		859	
	DETAILS OF WRITE-INS							
		1,525,915		1,296,258	229,657			
		1,060,381			1,060,381			
08.303		180,014			180,014			
08.398	Summary of remaining write-ins for Line 8.3 from overflow page	21		0	21			0
08.399	Totals (Lines 08.301 thru 08.303 plus 08.398) (Line 8.3 above)	2,766,331	0	1,296,258	1,470,073	0	0	0
2701.								
2702.								
2703.								
2798.			0	0	0	0	0	0
2799.	Totals (Lines 2701 thru 2703 plus 2798) (Line 27 above)	0		0				n
	to it holds of his hose in run off that comprise less than 5% of resource and loans liability are aggregated with material bit			•				

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which which columns are affected.

## ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - GROUP ANNUITIES (a)

	ANALISIS OF OPERATIONS BY LINES C	DOUNTED	Deferred 6				7
	1	2	3	4	5 Life	e Contingent	1
		2	3	Variable Annuities		out (Immediate	
	Total	Fixed Annuitie	s Indexed Annuities			Annuitizations)	Other Annuities
Premiums for group annuity contracts		1,795					
Considerations for supplementary contracts with life contingencies		0					XXX
, ,	4.8						
Amortization of Interest Maintenance Reserve (IMR)			988	, -,			
Separate Accounts net gain from operations excluding unrealized gains o		0					
Commissions and expense allowances on reinsurance ceded		0					
Reserve adjustments on reinsurance ceded		0					
8. Miscellaneous Income:							
8.1 Income from fees associated with investment management, administr	ation and contract guarantees from Separate Accounts	7,843					
8.2 Charges and fees for deposit-type contracts		0					
8.3 Aggregate write-ins for miscellaneous income	20	3,005	0	0 268,005	0	0	
9. Totals (Lines 1 to 8.3)		9,712 22,384	,379	0 3,905,333	0	0	
10. Death benefits		0					
11. Matured endowments (excluding guaranteed annual pure endowments)		0					
12. Annuity benefits		3,790147	,697				
13. Disability benefits and benefits under accident and health contracts		0					
14. Coupons, guaranteed annual pure endowments and similar benefits		0					
15. Surrender benefits and withdrawals for life contracts		7,412 14,770	763				
16. Group conversions		0					
17. Interest and adjustments on contract or deposit-type contract funds		0					
18. Payments on supplementary contracts with life contingencies		0					
19. Increase in aggregate reserves for life and accident and health contracts		1,285 4,748	,536	2,945,749			
20. Totals (Lines 10 to 19)		5,48719,666	,996	0 18,368,491	0	0	
21. Commissions on premiums, annuity considerations and deposit-type cont	ract funds (direct business only)	743	, 103				
22. Commissions and expense allowances on reinsurance assumed		0					
23. General insurance expenses	5	5,004196	481				
24. Insurance taxes, licenses and fees, excluding federal income taxes			605	27,004			
25. Increase in loading on deferred and uncollected premiums		0					
26. Net transfers to or (from) Separate Accounts net of reinsurance	(11,9	1,005)		(11,961,005)	)		
27. Aggregate write-ins for deductions		0		0 0	0	0	
28. Totals (Lines 20 to 27)		1,776 20,623	, 185	0 6,871,591	0	0	
29. Net gain from operations before dividends to policyholders, refunds to me	mbers and federal income taxes (Line 9 minus Line 28)	5,064) 1,761	, 194	0(2,966,258)	0	0	
30. Dividends to policyholders and refunds to members		0					
31. Net gain from operations after dividends to policyholders, refunds to mem		5,064) 1,761		0(2,966,258)		0	
32. Federal income taxes incurred (excluding tax on capital gains)		3,063) 369	851	(622,914)			
33. Net gain from operations after dividends to policyholders, refunds to mem	bers and federal income taxes and before realized capital						
gains or (losses) (Line 31 minus Line 32)	(9:	2,001) 1,391		0 (2,343,344)		0	
34. Policies/certificates in force end of year		1, 120 1	585	2,535			
DETAILS OF WRITE-INS							
08.301. Contractual rider fee income		1,868		41,868			
08.302. Marketing reallowance		3,315					
08.303. Contract annual maintenance and surrender charge fees		2,818					
08.398. Summary of remaining write-ins for Line 8.3 from overflow page		4		04	0	0	
08.399. Totals (Lines 08.301 thru 08.303 plus 08.398) (Line 8.3 above)		3,005	0	0 268,005	0	0	
2701.							
2702.							
2703.							
2798. Summary of remaining write-ins for Line 27 from overflow page		0		00		0	
2799. Totals (Lines 2701 thru 2703 plus 2798) (Line 27 above)	TOV of any and leave the little and an analysis to the second of the sec	0	0	0 0	0	0	

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

# Analysis of Operations by Lines of Business - Accident and Health **NONE**

Analysis of Increase in Reserves During the Year - Individual Life Insurance  ${f N} \ {f O} \ {f N} \ {f E}$ 

Analysis of Increase in Reserves During the Year - Group Life Insurance  ${f N}$   ${f O}$   ${f N}$   ${f E}$ 

## ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - INDIVIDUAL ANNUITIES (a)

	1		Defe	erred		6	7
		2	3	4	5	Life Contingent	
				Variable Annuities	Variable Annuities	Payout (Immediate	
	Total	Fixed Annuities	Indexed Annuities	with Guarantees	without Guarantees	and Annuitizations)	Other Annuities
Involving Life or Disability Contingencies (Reserves)							
(Net of Reinsurance Ceded)							
Reserve December 31 of prior year	2,004,808,972	927,342,169					(
Tabular net premiums or considerations	61,737,972	22,561,975	27,870,393	10,392,752		912,852	
Present value of disability claims incurred	XXX	XXX	XXX	XXX	XXX	XXX	XXX
4. Tabular interest	41,841,137	22,219,777	15,626,040	3,665,004		330,316	
Tabular less actual reserve released	155,662					155,662	
Increase in reserve on account of change in valuation basis			(3,417,502)				
7. Other increases (net)	(899, 233)	(1,242,491)	4,539,421	(4, 103, 350)		(92,813)	
8. Totals (Lines 1 to 7)	2,104,227,008	970,881,430	980,874,240	142,917,350	0	9,553,988	(
9. Tabular cost	0						
10. Reserves released by death	XXX	XXX	XXX	XXX	XXX	XXX	XXX
11. Reserves released by other terminations (net)	0						
12. Annuity, supplementary contract and disability payments involving life contingencies	237,269,913	85, 186, 803	86,824,934	63,590,963		1,667,213	
13. Net transfers to or (from) Separate Accounts	(47,070,364)			(47,070,364)			
14. Total Deductions (Lines 9 to 13)	190, 199, 549	85, 186, 803	86,824,934	16,520,599	0	1,667,213	
15. Reserve December 31 of current year	1,914,027,459	885,694,627	894,049,306	126,396,751	0	7,886,775	(
Cash Surrender Value and Policy Loans							
16. CSV Ending balance December 31, current year	1,884,120,101	883,449,500	877,872,019	122,798,582			
17. Amount Available for Policy Loans Based upon Line 16 CSV	1,843,925,661	860,548,692					

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

# ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - GROUP ANNUITIES (a) (N/A Fraternal)

	(IVA I I atellia	· <i>)</i>					
	1		Defe	rred		6	7
		2	3	4	5	Life Contingent	
				Variable Annuities	Variable Annuities	Payout (Immediate	
	Total	Fixed Annuities	Indexed Annuities	with Guarantees	without Guarantees	and Annuitizations)	Other Annuities
Involving Life or Disability Contingencies (Reserves)							
(Net of Reinsurance Ceded)							
Reserve December 31 of prior year		83,210,268	0		0	0	0
Tabular net premiums or considerations		18,519,834		1,331,961			
Present value of disability claims incurred	XXX	XXX	XXX	XXX	XXX	XXX	XXX
4. Tabular interest		1,146,528		611,058			
Tabular less actual reserve released							
Increase in reserve on account of change in valuation basis							
7. Other increases (net)	2,775,812	(147,204)		2,923,016			
8. Totals (Lines 1 to 7)	129,764,077	102,729,426	0	27,034,651	0	0	0
9. Tabular cost	0						
10. Reserves released by death	XXX	XXX	XXX	XXX	XXX	XXX	XXX
11. Reserves released by other terminations (net)							
12. Annuity, supplementary contract and disability payments involving life contingencies		14,770,622		15,420,751			
13. Net transfers to or (from) Separate Accounts	(13,500,465)			(13,500,465)			
14. Total Deductions (Lines 9 to 13)	16,690,908	14,770,622	0	1,920,286	0	0	0
15. Reserve December 31 of current year	113,073,169	87,958,804	0	25,114,365	0	0	0
Cash Surrender Value and Policy Loans							
16. CSV Ending balance December 31, current year		87,958,805		22, 170, 917			
17. Amount Available for Policy Loans Based upon Line 16 CSV	109,721,618	87,550,701		22,170,917			

<sup>(</sup>a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

# **EXHIBIT OF NET INVESTMENT INCOME**

1.1 B 1.2 O 1.3 B 2.1 P	J.S. Government bonds	()	81,941
1.1 B 1.2 O 1.3 B 2.1 P	Sonds exempt from U.S. tax		
1.2 O 1.3 B 2.1 P		(2)	
1.3 B 2.1 P	Other bonds (unaffiliated)	(a)	
2.1 P		(a)87,636,333	91,263,827
2.1 P 2.11 P	Sonds of affiliates		182, 179
2.11 P	Preferred stocks (unaffiliated)	(b)44,333	44,333
	Preferred stocks of affiliates	(b)0	
2.2 C	Common stocks (unaffiliated)		
	Common stocks of affiliates		
3. M	Mortgage loans	(c)0	
4. R	Real estate	(d)0	
5 C	Contract loans	` '	
6 C	Cash, cash equivalents and short-term investments	(e) 1,612,295	1,612,295
7 D	Derivative instruments	, ,	
8. O	Other invested assets		946,839
	Aggregate write-ins for investment income		
	Total gross investment income	00 004 004	
	nvestment expenses		(g)1,668,335
	nvestment taxes, licenses and fees, excluding federal income taxes		
	nterest expense		(h)32,869
14. D	Depreciation on real estate and other invested assets		(i)
15. A	Agregate write-ins for deductions from investment income		
	Fotal deductions (Lines 11 through 15)		
	Net investment income (Line 10 minus Line 16)		92,553,702
	DETAILS OF WRITE-INS		, ,
0901. Mi	liscelleneous Income	(34.776)	(34.776
		, , ,	, ,
	Summary of remaining write-ins for Line 9 from overflow page		
	Totals (Lines 0901 thru 0903 plus 0998) (Line 9, above)	(34.776)	
		(- , ,	(\$1,111
	Summary of remaining write-ins for Line 15 from overflow page		
	Totals (Lines 1501 thru 1503 plus 1598) (Line 15, above)		(

(a) Includes \$	5,748,486	accrual of discount less \$3,810,185	amortization of premium and less \$2,341,28/	paid for accrued interest on purchases.
(b) Includes \$	0	accrual of discount less \$ 0	amortization of premium and less \$ 0	paid for accrued dividends on purchases
(c) Includes \$	0	accrual of discount less \$ 0	amortization of premium and less \$	paid for accrued interest on purchases.
(d) Includes \$		for company's occupancy of its own building	s; and excludes \$ interest on encu	mbrances.
(e) Includes \$		accrual of discount less \$	amortization of premium and less \$	paid for accrued interest on purchases.
(f) Includes \$		accrual of discount less \$	amortization of premium.	
	and Separate Acco		investment taxes, licenses and fees, excluding fede	eral income taxes, attributable to
(h) Includes \$		interest on surplus notes and \$	interest on capital notes.	
(i) Includes \$	٥	depreciation on real estate and \$	depreciation on other invested assets	

**EXHIBIT OF CAPITAL GAINS (LOSSES)** 

		1	2	3	4	5
		l	2	3	4	Э
				Total Realized	Change in	Change in Unrealized
		Realized Gain (Loss)	Other Realized	Capital Gain (Loss)	Unrealized	Foreign Exchange
		On Sales or Maturity	Adjustments	(Columns 1 + 2)	Capital Gain (Loss)	Capital Gain (Loss)
1.	U.S. Government bonds	0	0	0	0	0
1.1	Bonds exempt from U.S. tax			l0		
1.2	Other bonds (unaffiliated)		(1,388,746)	(522,214)	(260,801)	0
1.3	Bonds of affiliates	0	0	0	0	0
2.1	Preferred stocks (unaffiliated)	0	0	0	(502,597)	0
2.11	Preferred stocks of affiliates			0	0	0
2.2	Common stocks (unaffiliated)	0	0	0	(124)	0
2.21	Common stocks of affiliates	0	0	0	0	0
3.	Mortgage loans		0	0	0	0
4.	Real estate		0	0		0
5.	Contract loans			0		
6.	Cash, cash equivalents and short-term investments			814		
7.	Derivative instruments	0		0		
8.	Other invested assets		0	0	0	0
9.	Aggregate write-ins for capital gains (losses)	0	0	0	0	0
10.	Total capital gains (losses)	867,347	(1,388,746)	(521,400)	(763,522)	0
	DETAILS OF WRITE-INS					
0901.						
0902.						
0903.						
0998.	Summary of remaining write-ins for Line 9 from					
	overflow page	0	0	0	0	0
0999.	Totals (Lines 0901 thru 0903 plus 0998) (Line 9,		ā	_		
	above)	0	0	0	0	0

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### ANNUAL STATEMENT FOR THE YEAR 2022 OF THE ANNUITY INVESTORS LIFE INSURANCE COMPANY

## EXHIBIT - 1 PART 1 - PREMIUMS AND ANNUITY CONSIDERATIONS FOR LIFE AND ACCIDENT AND HEALTH CONTRACTS

	EXHIBIT - 1 PAR			7				rance					
		1	2	Ord	nary	5		oup		Accident and Healt	h	11	12
		·		3	4 Individual	Credit Life (Group	6	7	8	9 Credit (Group and	10	Aggregate of All Other Lines of	Fraternal (Fraternal Benefi
	FIRST VEAD (allow the color)	Total	Industrial Life	Life Insurance	Annuities	and Individual)	Life Insurance	Annuities	Group	Individual)	Other	Business	Societies Only)
1	FIRST YEAR (other than single) Uncollected	0											
	Deferred and accrued												
	Deferred , accrued and uncollected: 3.1 Direct	0											
	3.2 Reinsurance assumed	0											
	3.3 Reinsurance ceded	0											
	3.4 Net (Line 1 + Line 2)	0	0	0	0	0	0	0		. 00	0	0	
4.	Advance	0											
5.	Line 3.4 - Line 4	0	0	0	0	0	0	0		. 0   0	0	0	
6.	Collected during year:												
	6.1 Direct	0											
	6.2 Reinsurance assumed	0											
	6.3 Reinsurance ceded	0											
_	6.4 Net	0	0	0	0	0	0	0		. 0   0	0	0	
7.	Line 5 + Line 6.4	0	0	0	0	0	0	0		. 0   0	0	0	
8. 9.	Prior year (uncollected + deferred and accrued - advance) . First year premiums and considerations: 9.1 Direct	0											
	9.2 Reinsurance assumed												
	9.3 Reinsurance ceded	0											
	9.4 Net (Line 7 - Line 8)		0	0	0	0	0	n		0	0	0	
	SINGLE									. 0			
10	Single premiums and considerations:												
10.	10.1 Direct	24 . 387 . 432			6.453.895			17.933.537					
	10.2 Reinsurance assumed	0											
	10.3 Reinsurance ceded	0											
	10.4 Net	24.387.432		0	6.453.895	0	0	17.933.537		0	0	0	
	RENEWAL				, 400,000					. 0			
11	Uncollected	0											
	Deferred and accrued	0											
	Deferred, accrued and uncollected:												
15.	13.1 Direct	0											
	13.2 Reinsurance assumed	0											
	13.3 Reinsurance ceded	0											
	13.4 Net (Line 11 + Line 12)	0		0	0	0	0	0		0	0	0	
14	Advance	0								. 0			
15	Line 13.4 - Line 14	0		n	n	n	n	0		0 0	n	n	
16	Collected during year:												
10.	16.1 Direct	57 . 784 . 133			55.865.875			1.918.258					<u> </u>
	16.2 Reinsurance assumed	07,704,100											
	16.3 Reinsurance ceded	0											
	16.4 Net			n		0	n	1.918.258		0 0	n	n	
17	Line 15 + Line 16.4	57,784,133					n	1.918.258		. 0	n		
	Prior year (uncollected + deferred and accrued - advance) .	0											
	Renewal premiums and considerations:												
	19.1 Direct	57 . 784 . 133						1.918.258					
	19.2 Reinsurance assumed	0						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	19.3 Reinsurance ceded	0											
	19.4 Net (Line 17 - Line 18)	57.784.133		0	55.865.875	0	0	1.918.258		0 0	0	0	
	TOTAL	2.,.2.,100			22,222,010			.,,200			1		İ
20	Total premiums and annuity considerations:												1
_0.	20.1 Direct	82, 171, 565	n	0	62,319,770	0	0	19.851.795		0	n	n	1
	20.2 Reinsurance assumed		0	n	02,010,770	n	n	n		0 0	0	0	
	20.3 Reinsurance ceded	0	n	0	0	0	0	n		0	0	n	
	20.4 Net (Lines 9.4 + 10.4 + 19.4)	82,171,565			62,319,770	0		19,851,795		0 0	0		
	20.7 NGC (LINGS 8.7 ' 10.7 ' 18.7)	02, 171, 303			02,013,110		ı	10,001,700	1	0	1		'

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### ANNUAL STATEMENT FOR THE YEAR 2022 OF THE ANNUITY INVESTORS LIFE INSURANCE COMPANY

# EXHIBIT - 1 PART 2 - POLICYHOLDERS' DIVIDENDS, REFUNDS TO MEMBERS AND COUPONS APPLIED, REINSURANCE COMMISSIONS AND EXPENSE ALLOWANCES AND COMMISSIONS INCURRED (Direct Business Only)

		Insurance											
		1	2	Ordir	nary	5		oup		Accident and Health		11	12
		Total	Industrial Life	3		Credit Life (Group and Individual)	6	7	8	9 Credit (Group and	10	Aggregate of All Other Lines of Business	Fraternal (Fraternal Benefit Societies Only)
		lotai	Industrial Life	Life Insurance	Annuities	and individual)	Life Insurance	Annuities	Group	Individual)	Other	Business	Societies Only)
	POLICYHOLDERS' DIVIDENDS, REFUNDS TO MEMBERS AND COUPONS APPLIED (included in Part 1)												
21.	. To pay renewal premiums	0											
22.	All other	0											
	REINSURANCE COMMISSIONS AND EXPENSE ALLOWANCES INCURRED												
23.	. First year (other than single):												
	23.1 Reinsurance ceded	0											
	23.2 Reinsurance assumed	0											
	23.3 Net ceded less assumed		0	0	0	0	0	0	0	0	0	0	0
24.	. Single:												
	24.1 Reinsurance ceded	0											
	24.2 Reinsurance assumed	0											
	24.3 Net ceded less assumed	0	0	0	0	0	0	0	0	0	0	0	0
25.	. Renewal:												
	25.1 Reinsurance ceded	0											
		0											
	25.3 Net ceded less assumed	0	0	0	0	0	0	0	0	0	0	0	0
26.	. Totals:												
	26.1 Reinsurance ceded (Page 6, Line 6)	0	0	0	0	0	0	0	0	0	0	0	0
	26.2 Reinsurance assumed (Page 6, Line 22)	0	0	0	0	0	0	0	0	0	0	0	0
	26.3 Net ceded less assumed	0	0	0	0	0	0	0	0	0	0	0	0
	COMMISSIONS INCURRED (direct business only)												
27.	First year (other than single)	0			0			0					
28.		1,423,316			648,316			775,000					
29.		6,058,079			5,972,398			85,681					
30.	Deposit-type contract funds	0			, , , , , , , , , , , , , , , , , , , ,			,					
	. Totals (to agree with Page 6, Line 21)	7,481,395	0	0	6,620,714	0	0	860,681	0	0	0	0	0

## **EXHIBIT 2 - GENERAL EXPENSES**

			Insur			5	6	7
		1	Accident a	and Health	4			
		Life	2 Cost Containment	3 All Other	All Other Lines of Business	Investment	Fraternal	Total
1.	Rent	368.779	Cost Containment		Dusiness			368.779
	Salaries and wages							5,059,632
	Contributions for benefit plans for employees	. ,		•••••				692,841
	Contributions for benefit plans for agents							0
3.21	Payments to employees under non-funded benefit							,
2 22	plans Payments to agents under non-funded benefit							
3.22	plans							١
3 31	Other employee welfare	213 566						213.566
		52,069						52.069
	Legal fees and expenses							109.553
	Medical examination fees							.,
								14
	Inspection report fees							0
4.4	Fees of public accountants and consulting	715 651						715.651
4.5	actuaries	113,031						113,031
4.5	claims	2 790						2.790
5.1	Traveling expenses	120 325						129,325
	Advertising							
		299,933						299,933
				•••••				167,055
	Printing and stationery							146,050
	Cost or depreciation of furniture and equipment							19,002
	Rental of equipment	5,010						5,010
5.7	Cost or depreciation of EDP equipment and							
		141,452						141,452
	Books and periodicals							12,800
	Bureau and association fees							355,845
6.3	Insurance, except on real estate							0
6.4	Miscellaneous losses	1,429						1,429
6.5	Collection and bank service charges	61. 156						61 . 156
	Sundry general expenses							688.092
	Group service and administration fees							814.738
	Reimbursements by uninsured plans							0
	Agency expense allowance							101.901
	Agents' balances charged off (less \$							
1.2								,
7.0	\$ recovered)							74.000
	Agency conferences other than local meetings	74,603						
8.1	Official publication (Fraternal Benefit Societies	VVV	xxx	XXX	xxx	xxx		,
0.0	Only)	XXX	XXX	XXX	XXX	XXX		
0.2	Expense of supreme lodge meetings (Fraternal	xxx	xxx	xxx	xxx	xxx		ا ا
9.1	Benefit Societies Only)							0
		44.437				1.668.335		
								1,712,772
	Aggregate write-ins for expenses	967,099	0	0	0	0	0	967,099
	General expenses incurred		0	0	0	1,668,335	(b)0	(a) 12,913,157
	General expenses unpaid Dec. 31, prior year							2,043,347
12.	General expenses unpaid Dec. 31, current year	2,473,348						2,473,348
13.	Amounts receivable relating to uninsured plans,	, ,						, ,
	prior year							0
14.	Amounts receivable relating to uninsured plans,							
	current year							0
15.	General expenses paid during year (Lines 10+11-							
	12-13+14)	10,814,821	0	0	0	1,668,335	0	12,483,156
	DETAILS OF WRITE-INS							
	PC & EDP Expenses	967,099						967,099
09.302.								
09.303.					l			
	Summary of remaining write-ins for Line 9.3 from				[			
_ 5.555.	overflow page	0	0	0	0	0	0	
09.399.	Totals (Lines 09.301 thru 09.303 plus 09.398)							
	(Line 9.3 above)	967,099	0	0	0	0	0	967,099

(b) Show the distribution of this amount in the following categories (Fraternal Benefit Societies Only):

1. Charitable .....\$ ; 2. Institutional .\$ ; 3. Recreational and Health \$ ; 4. Educational .....\$ 5. Religious .....\$ ; 6. Membership \$ ; 7. Other .....\$ ; 8. Total .....\$ 0

EXHIBIT 3 - TAXES LICENSES AND FEES (EXCLUDING FEDERAL INCOME TAXES)

	EXHIBIT 3 - TAXES, LICEN	SES AND I	LL3 (LXC		-DENAL IN	COMIL 1A	(L3)
			Insurance		4	5	6
		1	2	3			
			Accident and	All Other Lines			
		Life	Health	of Business	Investment	Fraternal	Total
1.	Real estate taxes						0
2.	State insurance department licenses and fees	212,258					212,258
3.	State taxes on premiums	70,615					70,615
4.	Other state taxes, including \$	,					,
	for employee benefits	337.945					337.945
5.	U.S. Social Security taxes	324.222					324 .222
6.	All other taxes	5,286					5,286
7.	Taxes, licenses and fees incurred	950,326	0	0	0	0	950,326
8.	Taxes, licenses and fees unpaid Dec. 31, prior year	395, 165					395, 165
9.	Taxes, licenses and fees unpaid Dec. 31, current year	331,190					331,190
10.	Taxes, licenses and fees paid during year (Lines 7 + 8 - 9)	1 014 301	0	0	0	0	1 014 301

# **EXHIBIT 4 - DIVIDENDS OR REFUNDS**

		1 Life	2 Accident and Health
1.	Applied to pay renewal premiums	Liic	7 tooldent and 1 leater
2.	Applied to shorten the endowment or premium-paying period		
3.	Applied to provide paid-up additions		
4.	Applied to provide paid-up annuities		
5.	Total Lines 1 through 4		
6	Paid in cash		
7	Left on deposit		
8	Aggregate write-ins for dividend or refund options		
9.	Total Lines 5 through 8		
10.	Amount due and unpaid		
10.	Dravision for dividends or refunds payable in the following Mandar		
12.	Terminal dividanda		
13.	Description for defended distributed as a transfer		
14.			
15.	Total Lines 10 through 14		
16.			
17.	Total dividends or refunds (Lines 9 + 15 - 16)		
	DETAILS OF WRITE-INS		
0801.			
0802.			
0803.			
0898.	Summary of remaining write-ins for Line 8 from overflow page		
0899.	Totals (Lines 0801 thru 0803 plus 0898) (Line 8 above)		

# **EXHIBIT 5 - AGGREGATE RESERVE FOR LIFE CONTRACTS**

	1				
1	2	3	4	5	6
				Credit	l
				(Group and	l
Valuation Standard	Total (a)	Industrial	Ordinary	Individual)	Group
0199998. Reinsurance ceded	0			, , , ,	
			_	<del></del>	<u> </u>
0199999. Life Insurance: Totals (Net)	0	0	0	0	0
0200001. A-2000 6.25% (IMM) 1999	28,942	XXX	28,942	XXX	
` '	9.097		9,097		
0200003. A-2000 6.75% (IMM) 2001	98,408	XXX	98,408	XXX	
0200004. A-2000 6.50% (IMM) 2002	69.340	YYY	69,340	XXX	i
- ,	- / -			XXX	
0200005. A-2000 6.00% (IMM) 2003	64,893		64,893		
0200006. A-2000 5.50% (IMM) 2004	218,823	XXX	218,823	XXX	
0200007. A-2000 5.25% (IMM) 2005-2006	519,927	XXX	519 927	XXX	
` '					
			472,568		
	234,811	XXX	234,811	XXX	
0200010. A-2000 5.25% (IMM) 2010	306,555	XXX	306,555	XXX	
0200011. A-2000 5.00% (IMM) 2011		2004		XXX	
0200011. A-2000 5.00% (1MM) 2011					
0200012. A-2000 4.25% (IMM) 2012	77,305	XXX	77,305	XXX	
0200013. A-2000 4.00% (IMM) 2013		XXX	205 , 180	XXX	
	331,143		331,143	XXX	
0200015. A-2000 4.00% (IMM) 2015-2016	1, 183, 782		1, 183, 782	XXX	
0200016. A-2000 3.75% (IMM) 2017-2018	814,760	XXX	814,760	XXX	
• • • • • • • • • • • • • • • • • • • •			442,948	XXX	
	, -	XXX	442,948		
	46,560	XXX	46,560	XXX	
0200019. A-2000 3.25% (IMM) 2020	574,296	XXX	574,296	XXX	
				XXX	
	871,464		871,464		
0200022. A-2000 3.50% (IMM) 2022	841,943	XXX.	841,943	XXX	
		vvv		XXX	
` '		XXX			
	316,133		316 , 133	XXX	
0200025. 83IAM 5.25% (DEF CARVM) 1998	2,249,634	XXX.	2,249,634	XXX	
	620.832			XXX	
	2,248,457	XXX		XXX	
0200028. A-2000 5.25% (DEF CARVM) 2001-2002	19,605,672	XXX	19,605,672	XXX	l
				XXX	
	66,216,676		66,216,676	XXX	
0200031. A-2000 4.50% (DEF CARVM) 2005-2006	268,687,831	XXX	246,445,103	XXX	22,242,728
	461,815,272		412,590,912	XXX	
	252,441,827		241,295,763	XXX	
0200034. A-2000 4.50% (DEF CARVM) 2010	119,029,509	XXX	117, 106, 267	XXX	1.923.242
	64,758,203			XXX	
, , ,	112, 197,826		111,810,714	XXX	
0200037. A-2000 4.00% (DEF CARVM) 2014	66.886.107	XXX	65,746,407	XXX	1.139.700
	63,629,129		63,388,378	XXX	
			, ,		
	54,125,442	XXX		XXX	
0200040. 2012 IAR 3.50% (DEF CARVM) 2017-2018	194,361,133	XXX	194,067,263	XXX	293.870
0200041. 2012 IAR 3.75% (DEF CARVM) 2019	54,862,328	XXX	54.723.240		
			. , . ,		
	14,789,389		14,789,389	XXX	
0200043. 1994 MGDB 6.00% 1996-1997	4,424,337	XXX	3,358,092	XXX	1,066,245
0200044. 1994 MGDB 5.75% 1998		YYY	7,858,483	XXX	1 280 120
0200045. 1994 MGDB 5.50% 1999			12,261,614	XXX	
0200046. 1994 MGDB 5.75% 2000	21,008,122	XXX	19,486,507	XXX	1,521,615
0200047. 1994 MGDB 6.00% 2001-2002	33 695 372		31,420,759	XXX	2 274 613
0200048. 1994 MGDB 5.50% 2003			7,218,132	XXX	
0200049. 1994 MGDB 5.00% 2004	9,395,844	XXX	8,360,523	XXX	1,035,321
0200050. 1994 MGDB 4.75% 2005-2007			13,539,319	XXX	
0200051. 1994 MGDB 5.00% 2008			10,576,483	XXX	
0200052. 1994 MGDB 5.25% 2009			6,395,147	XXX	
0200053. 1994 MGDB 4.75% 2010	3.628 247	XXX	2,456,362	XXX	1.171 885
0200054. 1994 MGDB 4.50% 2011	-, ,		1,594,404	XXX	
	, ,				,
0200055. 1994 MGDB 4.00% 2012			1,247,240	XXX	
0200056. 1994 MGDB 3.75% 2013	1,543,205	XXX	1,087,603	XXX	455,602
0200057. 1994 MGDB 4.00% 2014		XXX		XXX	
0200058. 1994 MGDB 3.75% 2015			432,721	XXX	
0200059. 1994 MGDB 4.00% 2016			300,965	XXX	133,691
0200060. 1994 MGDB 3.75% 2017			115,848	XXX	
0200061. 1994 MGDB 3.75% 2018			137,968	XXX	
0200062. 1994 MGDB 3.75% 2019	147,012	XXX	32,076	XXX	114,936
0200063. Guaranteed Minimum Income Benefit			18,922	XXX	
0299997. Totals (Gross)	2,027,100,618	XXX	1,916,529,987	XXX	110,570,631
0299998. Reinsurance ceded	0	XXX		XXX	
0299999. Annuities: Totals (Net)	2,027,100,618	XXX	1,916,529,987	XXX	110,570,631
` ,		^^^	1,010,020,001	^^^	110,010,001
0399998. Reinsurance ceded	0				
0399999. SCWLC: Totals (Net)	0	0	0	0	0
` '				<u> </u>	
0499998. Reinsurance ceded	0				
0499999. Accidental Death Benefits: Totals (Net)	0	0	0	0	0
0599998. Reinsurance ceded	0				
		_	_		_
0599999. Disability-Active Lives: Totals (Net)	0	0	0	0	0
0699998. Reinsurance ceded	0				
0699999. Disability-Disabled Lives: Totals (Net)		^	^	^	^
. ,	0	0	0	0	0
	0			Į Į	l
0799998. Reinsurance ceded					
		Λ	n	n	n
0799999. Miscellaneous Reserves: Totals (Net)	0	0	0	0	0
	2,027,100,618	0	1,916,529,987	0	110,570,631

# **EXHIBIT 5 - INTERROGATORIES**

1.1 1.2	Has the reporting entity ever issued both participating and non-participating contracts?		Yes [	]	No [ X ]
2.1 2.2	Does the reporting entity at present issue both participating and non-participating contracts?		Yes [	]	No [ X ]
3.	Does the reporting entity at present issue or have in force contracts that contain non-guaranteed elements?		Yes [	Χ]	No [ ]
4.	Has the reporting entity any assessment or stipulated premium contracts in force?		Yes [	1	No [ X ]
	If so, state:		-	·	
	4.1 Amount of insurance?				
	4.2 Amount of reserve?	\$			
	4.3 Basis of reserve:				
	4.4 Basis of regular assessments:				
	4.5 Basis of special assessments:	-			
	4.6 Assessments collected during the year				
5.	If the contract loan interest rate guaranteed in any one or more of its currently issued contracts is less than 5%, not in advance, state the contract loan rate guarantees on any such contracts.				
6.	Does the reporting entity hold reserves for any annuity contracts that are less than the reserves that would be held on a standard basis?		Yes [	]	No [X]
	6.1 If so, state the amount of reserve on such contracts on the basis actually held:	\$			
	6.2 That would have been held (on an exact or approximate basis) using the actual ages of the annuitants; the interest rate(s) used in 6.1; an the same mortality basis used by the reporting entity for the valuation of comparable annuity benefits issued to standard lives. If the reporting entity has no comparable annuity benefits for standard lives to be valued, the mortality basis shall be the table most recently approved by the state of domicile for valuing individual annuity benefits:				
7	Attach statement of methods employed in their valuation.  Does the reporting entity have any Synthetic GIC contracts or agreements in effect as of December 31 of the current year?		V [	,	N. F V 1
7.	7.1 If yes, state the total dollar amount of assets covered by these contracts or agreements				
	7.1 if yes, state the total dollar amount of assets covered by these contracts of agreements.  7.2 Specify the basis (fair value, amortized cost, etc.) for determining the amount:	⊅			
	7.3 State the amount of reserves established for this business:	\$			
	7.4 Identity where the reserves are reported in the statik.				
8.	Does the reporting entity have any Contingent Deferred Annuity contracts or agreements in effect as of December 31 of the current year?				
	8.1 If yes, state the total dollar amount of account value covered by these contracts or agreements:				
	8.2 State the amount of reserves established for this business:	\$			
	8.3 Identify where the reserves are reported in the blank:				
9.	Does the reporting entity have any Guaranteed Lifetime Income Benefit contracts, agreements or riders in effect as of December 31 of the current year?		Yes [	Х]	No [ ]
	9.1 If yes, state the total dollar amount of any account value associated with these contracts, agreements or riders:	\$			122,116,342
	9.2 State the amount of reserves established for this business:	\$			133,695,350
	9.3 Identify where the reserves are reported in the blank:				
	The reserves for the Guaranteed Lifetime Income Benefit are included in the deferred annuity reserves shown in the Annuities				

# **EXHIBIT 5A - CHANGES IN BASES OF VALUATION DURING THE YEAR**

EXHIBIT OF CHANGES IN BACE	J OI VALOAII		·
1	4		
	2	3	Increase in Actuarial
			Reserve Due to
Description of Valuation Class	Changed From	Changed To	Change
Fixed Indexed Annuities issued since 2005	AG35 MVRM-BSPM	AG35 MVRM-BSPM/OAC 3901-1-67	(3,417,502)
0199999. Subtotal (Page 7, Line 6)	XXX	XXX	(3,417,502)
9999999 - Total (Column 4, only)			(3.417.502)

# EXHIBIT 6 - AGGREGATE RESERVES FOR ACCIDENT AND HEALTH CONTRACTS (a)

		10011201112112021111201											1	
		1	Compreh	nensive	4	5	6	7	8	9	10	11	12	13
			2	3				Federal						
								Employees						
					Medicare			Health Benefits	Title XVIII	Title XIX		Disability	Long-Term	
		Total	Individual	Group	Supplement	Vision Only	Dental Only	Plan	Medicare	Medicaid	Credit A&H	Income	Care	Other Health
	ACTIVE LIFE RESERVE													
1.	Unearned premium reserves													
2.	Additional contract reserves (b)													
3.	Additional actuarial reserves-Asset/Liability analysis													
4.	Reserve for future contingent benefits													
5.	Reserve for rate credits													
6.	Aggregate write-ins for reserves													
7.	Totals (Gross)													
8.	Reinsurance ceded													
9.	Totals (Net)													
	CLAIM RESERVE													
10	Present value of amounts not yet due on claims													
11														
12	Reserve for future contingent benefits													
13.	Aggregate write-ins for reserves													
14.	Totals (Gross)													
15.	Reinsurance ceded													
16.	Totals (Net)													
	TOTAL (Net)													
	TABULAR FUND INTEREST													
10.	DETAILS OF WRITE-INS													
0601.	DETAILS OF WRITE-INS													
0601.														
0602.														
0698.	Summary of remaining write-ins for Line 6 from overflow page													
0699.	TOTALS (Lines 0601 thru 0603 plus 0698) (Line 6 above)													
1301.	TOTALS (Lines 000 Filling 0003 plus 0096) (Line 6 above)													
1301.					-			1			····		-	
1302.					-			1			····		-	
	0				-			-					-	
	Summary of remaining write-ins for Line 13 from overflow page							· [·····						
1399.	TOTALS (Lines 1301 thru 1303 plus 1398) (Line 13 above)													

<sup>(</sup>a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

<sup>(</sup>b) Attach statement as to valuation standard used in calculating this reserve, specifying reserve bases, interest rates and methods.

# **EXHIBIT 7 - DEPOSIT TYPE CONTRACTS**

	1	2	3	4	5 Dividend	6 Premium and
	Total	Guaranteed Interest Contracts	Annuities Certain	Supplemental Contracts	Accumulations or Refunds	Other Deposit Funds
Balance at the beginning of the year before reinsurance		0	18,065,509	0	0	0
Deposits received during the year	0					
Investment earnings credited to the account	618,786		618,786			
4. Other net change in reserves	3,411,890		3,411,890			
Fees and other charges assessed	149,293		149,293			
6. Surrender charges	0					
7. Net surrender or withdrawal payments	5,584,119		5,584,119			
Other net transfers to or (from) Separate Accounts	0					
9. Balance at the end of current year before reinsurance (Lines 1+2+3+4-5-6-7-8) (a)	16,362,773	0	16,362,773	0	0	0
10. Reinsurance balance at the beginning of the year	0	0	0	0	0	0
11. Net change in reinsurance assumed	0					
12. Net change in reinsurance ceded	0					
13. Reinsurance balance at the end of the year (Lines 10+11-12)	0	0	0	0	0	0
14. Net balance at the end of current year after reinsurance (Lines 9 + 13)	16,362,773	0	16,362,773	0	0	0

#### (a) FHLB Funding Agreements:

1.	Reported as GICs (captured in column 2)\$	
2.	Reported as Annuities Certain (captured in column 3)\$	
3.	Reported as Supplemental Contracts (captured in column 4)\$	
4.	Reported as Dividend Accumulations or Refunds (captured in column 5)\$	
5.	Reported as Premium or Other Deposit Funds (captured in column 6)\$	
6.	Total Reported as Deposit-Type Contracts (captured in column 1): (Sum of Lines 1 through 5) . \$	0

# **EXHIBIT 8 - CLAIMS FOR LIFE AND ACCIDENT AND HEALTH CONTRACTS**

PART 1 - Liability End of Current Year

Accident and Health

10

11

9

Group

Ordinary

Credit (Group and Individual) Accident and Health \$ ......, and Other Accident and Health \$ are included in Page 3, Line 2 (See Exhibit 6, Claim Reserve).

				3	4	Supplementary	Credit Life (Group	,	0	9	10 Credit (Group and	11
		Total	Industrial Life	Life Insurance	Individual Annuities	Contracts	and Individual)	Life Insurance	Annuities	Group	Individual)	Other
. Due and unpaid:												
	1.1 Direct	0										
	1.2 Reinsurance assumed	0										
	1.3 Reinsurance ceded	0										
	1.4 Net	0	0	0	0	0	0	0	0	0	0	
. In course of settlement:												
2.1 Resisted	2.11 Direct	0										
	2.12 Reinsurance assumed	0										
	2.13 Reinsurance ceded	0										
	2.14 Net	0	0	(b)0	(b)0	0	(b)0	(b)0	0	0	0	
								. ,				
2.2 Other	2.21 Direct	6,869,210			6,869,210							
	2.22 Reinsurance assumed											
	2.23 Reinsurance ceded	0										
	2.24 Net	6,869,210	0	(b)0	(b)6,869,210	0	(b)0	(b)0	0	(b)0	(b)0	(b)
. Incurred but unreported:				( )			(-)	(-)		(-)	( )	(-)
	3.1 Direct	0										
	3.2 Reinsurance assumed											
	3.3 Reinsurance ceded	0										
	3.4 Net	0	0	(b)0	(b)0	0	(b)0	(b)0	0	(b)0	(b)0	(b)
	0			(2)	(0)		(2)	(2)		(2)	(2)	(2)
TOTALS	4.1 Direct	6 869 210	0	0	6.869.210	0	0	0	0	0	0	
	4.2 Reinsurance assumed	0		0	0	0	0	0	0	0	0	
	4.3 Reinsurance ceded	0	0	0	0	0	0	0	0	0	0	
	4.4 Net	6,869,210	(a) 0	(a) 0	6.869.210	0	0	(a) 0	0	0	0	
cluding matured endowments (										·		

# **EXHIBIT 8 - CLAIMS FOR LIFE AND ACCIDENT AND HEALTH CONTRACTS**

PART 2 - Incurred During the Year

					2 - incurred During					A		
	1	2		Ordinary	T	6	Group			Accident and Health		
		la dicatala I life	3	4	5	O	7	8	9	10	11	
	Total	Industrial Life (a)	Life Insurance	Individual Annuities	Supplementary Contracts	Credit Life (Group and Individual)	Life Insurance	Annuities	Croun	Credit (Group and Individual)	Other	
	Total	(a)	(b)	Individual Annuities	Contracts	and individual)	(c)	Annuities	Group	and individual)	Other	
Settlements During the Year:												
1.1 Direct				17,325,785				393,789				
1.2 Reinsurance assumed												
1.3 Reinsurance ceded												
1.4 Net	. (d) 17,719,574	0	0	17,325,785	0	0	0	393,789	0	0	0	
<ol><li>Liability December 31, current year from Part 1:</li></ol>												
2.1 Direct	6,869,210	0	0	6,869,210	0	0	0	0	0	0	0	
2.2 Reinsurance assumed	0	0	0	0	0	0	0	0	0	0	0	
2.3 Reinsurance ceded	0				0	0	0	0	0	0	0	
2.4 Net	6.869.210	0	0	6,869,210	0	0	0	0	0	0	0	
Amounts recoverable from reinsurers December 31, current year	t			, ,								
Liability December 31, prior year:												
4.1 Direct	5 110 35/	0	0	5,119,354	0	0	0	0	0	0	,	
4.1 Birect									0			
4.2 Reinsurance assumed												
				5,119,354								
4.4 Net	5, 119,354	0	0	5,119,354	0	0	0	0	0	0	u	
Amounts recoverable from reinsurers December 31, prior year	. 0											
Incurred Benefits												
6.1 Direct		0	0	19,075,641	0	0	0	393.789	0	0	0	
6.2 Reinsurance assumed	0		0		0	0	0	0	0	0	0	
6.3 Reinsurance ceded		0	0	0	0	0	0	0	0	0	0	
6.4 Net	19.469.430	n	٥	19.075.641	n	n	0	393.789	n	n	n	
U. <del>T</del> INGL	10,100,100	U	0	15,075,041	U	0	U	000,700	0	0	,	

(a) Including matured endowments (but not guaranteed annual pure endowments) amounting to \$	 in Line 1.1, \$	in Line 1.4
	\$ in Line 6.1, and \$	in Line 6.4
(b) Including matured endowments (but not guaranteed annual pure endowments) amounting to \$	 in Line 1.1, \$	in Line 1.4
	\$ in Line 6.1, and \$	in Line 6.4
(c) Including matured endowments (but not guaranteed annual pure endowments) amounting to \$	 in Line 1.1, \$	in Line 1.4
	\$ in Line 6.1, and \$	in Line 6.4

(d) Includes \$ ...... premiums waived under total and permanent disability benefits.

# **EXHIBIT OF NON-ADMITTED ASSETS**

	EXHIBIT OF NON-ADMITTE	1 Current Year Total	2 Prior Year Total	3 Change in Total Nonadmitted Assets
		Nonadmitted Assets	Nonadmitted Assets	(Col. 2 - Col. 1)
1.	Bonds (Schedule D)			0
2.	Stocks (Schedule D):			
	2.1 Preferred stocks			0
	2.2 Common stocks			0
3.	Mortgage loans on real estate (Schedule B):			
	3.1 First liens			0
	3.2 Other than first liens			0
4.	Real estate (Schedule A):			
	4.1 Properties occupied by the company			0
	4.2 Properties held for the production of income			0
	4.3 Properties held for sale			0
5.	Cash (Schedule E - Part 1), cash equivalents (Schedule E - Part 2) and short-term investments (Schedule DA)			0
6.	Contract loans			0
7.	Derivatives (Schedule DB)			0
8.	Other invested assets (Schedule BA)			0
9.	Receivables for securities	750,481		(750,481)
10.	Securities lending reinvested collateral assets (Schedule DL)			0
11.	Aggregate write-ins for invested assets	0	0	0
12.	Subtotals, cash and invested assets (Lines 1 to 11)	750,481	0	(750,481)
13.	Title plants (for Title insurers only)			
14.	Investment income due and accrued			
15.	Premiums and considerations:			
	15.1 Uncollected premiums and agents' balances in the course of collection			0
	15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due .			
	15.3 Accrued retrospective premiums and contracts subject to redetermination			
16.	Reinsurance:			
10.	16.1 Amounts recoverable from reinsurers			0
	16.2 Funds held by or deposited with reinsured companies			
	16.3 Other amounts receivable under reinsurance contracts			
47	Amounts receivable relating to uninsured plans			
				_
18.1	Current federal and foreign income tax recoverable and interest thereon		700 000	
	Net deferred tax asset		726,986	_
19.	Guaranty funds receivable or on deposit			
20.	Electronic data processing equipment and software			
21.	Furniture and equipment, including health care delivery assets			
22.	Net adjustment in assets and liabilities due to foreign exchange rates			
23.	Receivables from parent, subsidiaries and affiliates			0
24.	Health care and other amounts receivable			
25.	Aggregate write-ins for other than invested assets	147,716	32 , 168	(115,548)
26.	Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	1,690,359	864,002	(826,357)
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts			0
28.	Total (Lines 26 and 27)	1,690,359	864,002	(826,357)
1101.	DETAILS OF WRITE-INS			
1101.				
1103.	Common of complete units ins fact ins 44 from supplier unare			
1198.	Summary of remaining write-ins for Line 11 from overflow page			0
1199.	Totals (Lines 1101 thru 1103 plus 1198)(Line 11 above)	0	0 00 100	(445, 540)
2501.	Accounts receivable	· ·	,	(115,548)
2502.				
2503.				
2598.	Summary of remaining write-ins for Line 25 from overflow page			
2599.	Totals (Lines 2501 thru 2503 plus 2598)(Line 25 above)	147,716	32,168	(115,548)

#### Note 1 - Summary of Significant Accounting Policies

#### A. Accounting Practices

The financial statements of the Annuity Investors Life Insurance Company (the "Company") are presented on the basis of accounting practices prescribed or permitted by the Ohio Department of Insurance.

The Ohio Department of Insurance recognizes only statutory accounting practices prescribed or permitted by the State of Ohio for determining and reporting the financial condition and results of operations of an insurance company, for determining its solvency under the Ohio Insurance Law. The National Association of Insurance Commissioners' ("NAIC") Accounting Practices and Procedures Manual has been adopted as a component of prescribed or permitted practices by the State of Ohio.

In 2021 the Ohio Department of Insurance promulgated Ohio Administrative Code Section 3901-1-67, Alternative Derivative and Reserve Accounting Practices (OAC 3901-1-67), which constitutes a prescribed practice as contemplated by the NAIC SAP. The prescribed practice allows Ohio-domiciled insurance companies to utilize certain alternative derivative and reserve accounting practices for eligible derivative instruments and indexed products, respectively, in order to better align the measurement of indexed product reserves and the derivatives that hedge them. Effective January 1, 2022, the Company elected to apply OAC 3901-1-67 to its derivative instruments hedging equity indexed annuity products and equity indexed reserve liabilities.

A reconciliation of the Company's net income and capital and surplus between NAIC SAP and practices prescribed and permitted by the State of Ohio is shown below:

Net Income	SSAP #	F/S Page	F/S Line#	1	2/31/2022	•	12/31/2021
(1) State basis	XXX	XXX	XXX	\$	24,090,844	\$	28,114,633
(2) State prescribed practices that increase/(decrease) NAIC SAP	XXX	XXX	XXX				
OAC 3901-1-67:							
Derivative instruments	86	2, 4	7, 3		796,435		-
Reserves for fixed indexed annuities	51	3, 4	1, 19		(3,116,733)		-
Tax impact	101	2, 4	18.2, 32		487,263		-
(3) State permitted practices that increase/(decrease) NAIC SAP	XXX	XXX	XXX		_		-
(4) NAIC SAP (1-2-3=4)	XXX	XXX	XXX	\$	25,923,880	\$	28,114,633
Surplus							
(5) Statutory surplus state basis	XXX	XXX	XXX	\$	384,160,033	\$	370,501,960
(6) State prescribed practices that increase/(decrease) NAIC SAP							
OAC 3901-1-67:							
Derivative instruments	86	2, 4	7, 3		(748,934)		-
Reserves for fixed indexed annuities	51	3, 4	1, 19		300,769		-
Tax impact	101	2, 4	18.2, 32		661,078		-
(7) State permitted practices that increase/(decrease) NAIC SAP	XXX	XXX	XXX		_		-
(8) NAIC SAP (5-6-7=8)	XXX	XXX	XXX	\$	383,947,120	\$	370,501,960

#### B. Use of Estimates in Preparation of the Financial Statements

The preparation of financial statements in conformity with NAIC SAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities. It also requires disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the period. Actual results could differ from those estimates.

#### C. Accounting Policy

Annuity considerations are recognized as revenue when received. Expenses incurred in connection with acquiring new insurance business, including acquisition costs such as sales commissions, are charged to operations as incurred.

In addition, the Company uses the following accounting policies:

- (1) Short-term investments are stated at cost.
- (2) Bonds with an NAIC rating of 1 through 5 are stated at amortized cost using the interest method; all others are stated at the lower of amortized cost or fair value. Mandatory convertible bonds are stated at the lower of book value or fair value, regardless of the NAIC designation. The Company does not own any SVO Identified Exchange Traded Funds.
- (3) Common stocks are stated at fair value.
- (4) Redeemable preferred stocks rated P1 through P3 and perpetual preferred stocks rated 1 through 3 are stated at book value; all others are stated at the lower of book value or fair value.
- (5) The Company has no mortgage loans or real estate.
- (6) For residential mortgage-backed securities (RMBS), commercial mortgage-backed securities (CMBS) and loan-backed and structured securities (LBASS), the NAIC has retained a third-party investment management firm to assist in the determination of the appropriate NAIC designations and Book Adjusted Carrying Values based on not only the probability of loss, but also the severity of loss. Those RMBS, CMBS and LBASS securities that are not modeled but receive a current year NAIC Credit Rating Provider (CRP) rating equal to NAIC 1 and 2 are stated at amortized cost and NAIC 3-6 are stated at lower of amortized cost or fair value. Mandatory convertible bonds are stated at the lower of book value or fair value, regardless of the NAIC designation.
- (7) The Company has no investments in a parent, subsidiary or affiliate.
- (8) Other invested assets are stated at the lower of cost or fair value, except investments in limited partnerships and limited liability companies. Investments in limited partnerships and limited liability companies are stated at the underlying audited GAAP equity.
- (9) Derivatives to hedge the Company's fixed-indexed annuities are valued at fair value consistent with the hedged items. The impact of the change in the fair value is recognized as an unrealized gain or loss to surplus.
- (10) The Company has no premium deficiency reserve.
- (11) The Company has no accident and health contracts.
- (12) The Company has not modified its capitalization policy from the prior period.
- (13) The Company has no pharmaceutical rebate receivables.

D. Going Concern

After review of the Company's financial condition, management has no doubts about the Company's ability to continue as a going concern

#### Note 2 - Accounting Changes and Corrections of Errors

There were no changes that were considered significant to the Company, except for the following.

Effective January 1, 2022, the Company elected to apply OAC 3901-1-67 to its derivative instruments hedging equity indexed annuity products and equity indexed annuity reserve liabilities. Under OAC 3901-1-67, derivative instruments will be carried on the statutory balance sheet at amortized cost with the initial hedge cost amortized over the term and asset payoffs realized at the end of the term being reported through net investment income rather than derivative instruments being carried at fair value with asset payoffs realized over the term through change in net unrealized capital gains and losses. Additionally, the cash surrender value reserves for equity indexed annuity products will only reflect index interest credits at the end of the crediting term as compared to partial index interest credits accumulating throughout the crediting term in increase in aggregate reserves for life and accident and health contracts. As a result of the Company's election to apply OAC 3901-1-67 as of January 1, 2022, total statutory admitted assets decreased \$8,929,241, total statutory liabilities decreased \$3,417,502 and total statutory capital and surplus decreased \$5,511,739. The following table summarizes the components of the total decrease in statutory surplus:

Change in fixed indexed annuity reserves\$ 3,417,502Change in net deferred income tax2,182,821Derivatives instruments(11,112,062)Total decrease in statutory surplus\$ (5,511,739)

#### Note 3 - Business Combinations and Goodwill

- A. The Company has no business combinations accounted for under the statutory purchase method.
- B. The Company was not involved in any statutory mergers.
- C. The Company did not enter into any assumption reinsurance agreements.
- D. The Company did not recognize any impairment losses related to business combinations or goodwill.
- E. Subcomponents and Calculation of Adjusted Surplus and Total Admitted Goodwill

	Calculation of Limitation Using Prior Quarter Numbers	Current Reporting Period
(1) Capital & Surplus	\$ 381,123,479	XXX
Less:		
(2) Admitted Positive Goodwill	-	XXX
(3) Admitted EDP Equipment & Operating System Software	-	XXX
(4) Admitted Net Deferred Taxes	1,411,626	XXX
(5) Adjusted Capital and Surplus (Line 1-+2-+3-+4)	\$ 379,711,853	xxx
(6) Limitation on amount of goodwill (adjusted capital and surplus times 10% goodwill limitation [Line 5*10%])	37,971,185	XXX
(7) Current period reporting Admitted Goodwill  (8) Current Period Admitted Goodwill as a % of prior period Adjusted Capital and Surplus (Line7/Line5)	XXX XXX	- 0%

## Note 4 - Discontinued Operations

The Company has no discontinued operations.

#### Note 5 - Investments

- A. The Company has no mortgage loans or mezzanine real estate loans.
- B. The Company has no restructured debt.
- C. The Company has no investment in reverse mortgages.
- D. Loan-Backed Securities
  - (1) The Company uses dealer-modeled prepayment assumptions for mortgage-backed and asset-backed securities at the date of purchase to determine the effective yields; significant changes in estimated cash flows from the original purchase assumptions are accounted for on a prospective basis.
  - (2) The Company does not currently hold any aggregate loan-backed securities with a recognized other-than-temporary impairment ("OTTI") in which the Company has the intent to sell or the inability or lack of intent to retain the investment in the security for a period of time to recover the amortized cost basis.

(3) The following table shows each security with a credit-related OTTI charge recognized during the period:

		Present Value	OTTI Charge			
OLIOID.	Amortized Cost	of Projected	Recognized in	Amortized Cost	Fair Value at	Date
CUSIP 05949CHM1	Before OTTI 380,676	Cash Flows 347,943	Income Statement 32,733	After OTTI 347,943	Time of OTTI 357,865	3/31/2022
57643MLZ5	54,956	53,283	1,673	53,283	53,735	3/31/2022
02147WAT6	254,695	248,452	6,243	248,452	228,809	6/30/2022
07386XAH9	688,941	659,083	29,858	659,083	594,752	6/30/2022
12566UAE4	151,894	144,576	7,318	144,576	134,417	6/30/2022
12566UAN4	535,654	446,281	89,373	446,281	476,193	6/30/2022
12628LAD2	296,809 287,384	280,204 273,870	16,605 13,514	280,204 273,870	244,888	6/30/2022
12668APC3 225470Q89	87,163	74,240	12,923	74,240	279,043 59,241	6/30/2022 6/30/2022
59020UW43	242,243	211,176	31,067	211,176	219,259	6/30/2022
65535VSJ8	275,122	267,699	7,423	267,699	244,161	6/30/2022
74923HAQ4	118,389	115,335	3,054	115,335	105,518	6/30/2022
75116FBH1	976,473	959,539	16,933	959,540	888,643	6/30/2022
761118SC3	237,537	237,117	419	237,118	216,385	6/30/2022
87222EAB4 87222EAC2	494,716 534,519	455,093 510,051	39,622 24,468	455,094 510,051	457,642 477,058	6/30/2022 6/30/2022
93934NAC9	157,084	143,257	13,827	143,257	134,032	6/30/2022
058931AT3	206,470	204,615	1,855	204,615	199,081	6/30/2022
12544DAG4	60,992	57,279	3,712	57,280	54,200	6/30/2022
12545EAK2	85,111	80,321	4,790	80,321	72,961	6/30/2022
12638PAB5	250,818	247,830	2,988	247,830	202,353	6/30/2022
1266942H0	111,759	106,426	5,333	106,426	92,409	6/30/2022
126694HP6 12669G3S8	63,728 195,282	48,533 189,407	15,195 5,874	48,533 189,408	48,242 174,815	6/30/2022 6/30/2022
12669G4K4	209,404	205,823	3,581	205,823	192,812	6/30/2022
16165MAG3	284,734	280,914	3,820	280,914	251,810	6/30/2022
17025AAH5	78,077	72,569	5,508	72,569	69,311	6/30/2022
225458L55	104,378	103,743	636	103,742	93,384	6/30/2022
46631NAA7	163,838	161,160	2,678	161,160	146,767	6/30/2022
46631NDT3	463,024	387,655	75,369	387,655	429,615	6/30/2022
863579XC7 86363GAF1	359,201 215,253	339,386 193,854	19,816 21,400	339,385 193,853	357,327 203,201	6/30/2022 6/30/2022
57430U301	340,561	251,093	89,468	251,093	200,857	9/30/2022
61751DAE4	270,138	253,109	17,029	253,109	355,148	9/30/2022
07386XAH9	650,123	633,063	17,060	633,063	549,390	9/30/2022
12566UAE4	141,627	137,170	4,457	137,170	123,985	9/30/2022
12566UAN4	430,379	409,912	20,467	409,912	429,238	9/30/2022
12628LAD2	288,997	264,493	24,504	264,493	225,987	9/30/2022
126670JP4 12667F4N2	115,335 305,399	108,947 295,928	6,388 9,471	108,947 295,928	108,549 287,960	9/30/2022 9/30/2022
12668APC3	264,194	259,221	4,973	259,221	257,596	9/30/2022
17307GED6	145,496	138,941	6,555	138,941	140,777	9/30/2022
46627MAD9	113,191	109,486	3,705	109,486	105,690	9/30/2022
46627MEJ2	322,501	303,746	18,755	303,746	261,419	9/30/2022
59020UW43	201,005	187,287	13,718	187,287	141,473	9/30/2022
643528AB8 643529AC4	16,684 65,467	15,216 60,286	1,468 5,181	15,216 60,286	14,848 72,463	9/30/2022 9/30/2022
65535VSJ8	264,947	261,552	3,395	261,552	228,867	9/30/2022
74923HAQ4	111,578	112,206	(628)	112,206	98,348	9/30/2022
75116CET9	197,884	124,934	72,950	124,934	172,420	9/30/2022
761118SC3	231,203	230,170	1,033	230,170	196,730	9/30/2022
87222EAB4	454,504	432,353	22,151	432,353	427,539	9/30/2022
87222EAC2 93934FMD1	508,151 306,689	484,282 267,421	23,869 39,268	484,282 267,421	442,031 273,659	9/30/2022 9/30/2022
05949CHM1	315,258	308,317	6,941	308,317	310,460	9/30/2022
12544DAG4	55,972	56,089	(117)	56,089	48,533	9/30/2022
12545EAK2	79,326	78,168	1,158	78,168	67,272	9/30/2022
12638PAB5	245,739	242,585	3,154	242,585	189,193	9/30/2022
1266942H0	104,382	103,371	1,011	103,371	86,966	9/30/2022
126694CS5	623,176 46,541	622,612 45,249	564 1,292	622,612 45,249	504,346 44,058	9/30/2022 9/30/2022
126694HP6 12669DUS5	55,425	55,347	78	45,249 55,347	53,203	9/30/2022
12669G3S8	187,145	187,165	(20)	187,165	167,194	9/30/2022
12669G4K4	204,076	202,035	2,041	202,035	184,928	9/30/2022
12669GR45	205,689	201,980	3,709	201,980	186,671	9/30/2022
16165MAG3	270,164	268,360	1,804	268,360	229,252	9/30/2022
17025AAH5	69,208	66,667	2,541	66,667	60,845	9/30/2022
2254582Y3 225458L55	254,519 103 123	246,629 103,123	7,890	246,629 103 123	218,373 87,676	9/30/2022 9/30/2022
466247ZP1	103,123 66,360	64,318	2,042	103,123 64,318	61,270	9/30/2022
46631NAA7	157,469	153,660	3,809	153,660	130,885	9/30/2022
46631NDT3	384,457	384,482	(25)	384,482	391,998	9/30/2022
57643MLZ5	45,725	44,549	1,176	44,549	42,256	9/30/2022
863579XC7	305,121	296,675	8,446	296,675	300,535	9/30/2022
86363GAF1	188,569	180,220	8,349	180,220	177,707	9/30/2022

	Amortized Cost	Present Value of Projected	OTTI Charge Recognized in	Amortized Cost	Fair Value at	Date
CUSIP	Before OTTI	Cash Flows	Income Statement	After OTTI	Time of OTTI	Reported
61751DAE4	256,950	252,783	4,167	252,783	307,429	12/31/2022
07386XAH9	603,975	544,235	59,741	544,235	515,314	12/31/2022
12566UAE4	134,957	134,777	179	134,777	126,940	12/31/2022
12566UAN4	406,129	406,111	18	406,111	439,798	12/31/2022
12628LAD2	263,447	245,081	18,366	245,081	213,360	12/31/2022
126670JP4	107,769	104,735	3,033	104,735	105,110	12/31/2022
12667F4N2	292,040	289,509	2,531	289,509	285,318	12/31/2022
12668APC3	252,237	252,242	(5)	252,242	239,660	12/31/2022
17307GED6	138,535	136,088	2,447	136,088	140,482	12/31/2022
225470Q89	71,794	71,230	564	71,230	56,593	12/31/2022
32051GT70	157,690	144,677	13,013	144,677	128,833	12/31/2022
46627MAD9	106,687	104,743	1,944	104,743	92,542	12/31/2022
46627MCY1	785,136	739,716	45,420	739,716	766,138	12/31/2022
46627MEJ2	298,762	292,736	6,026	292,736	245,603	12/31/2022
59020UW43	183,171	118,651	64,519	118,651	142,478	12/31/2022
643528AB8	15,219	14,561	658	14,561	14,567	12/31/2022
643529AC4	61,282	61,277	5	61,277	72,993	12/31/2022
65535VSJ8	260,934	251,936	8,998	251,936	223,746	12/31/2022
74923HAQ4	110,525	110,137	388	110,137	97,256	12/31/2022
75115DAA3	252,318	250,517	1,801	250,517	236,281	12/31/2022
761118SC3	223,189	220,904	2,285	220,904	194,526	12/31/2022
761118UG1	136,181	135,664	517	135,664	113,457	12/31/2022
76112BNM8	961,773	890,023	71,750	890,023	925,763	12/31/2022
86360BAJ7	210,681	197,751	12,930	197,751	210,155	12/31/2022
87222EAB4	433,701	419,436	14,265	419,436	408,834	12/31/2022
87222EAC2	488,617	480,439	8,178	480,439	407,716	12/31/2022
93934FMD1	264,888	265,138	(250)	265,138	276,739	12/31/2022
058931AT3	202,340	200,756	1,584	200,756	191,586	12/31/2022
12545EAK2	75,613	76,382	(769)	76,382	67,050	12/31/2022
12638PAB5	243,064	239,967	3,097	239,967	186,247	12/31/2022
1266942H0	102,100	102,436	(336)	102,436	87,613	12/31/2022
126694HP6	45,018	44,692	326	44,692	43,686	12/31/2022
12669DUS5	54,045	53,996	49	53,996	52,037	12/31/2022
12669G4K4	195,766	194,617	1,149	194,617	182,213	12/31/2022
12669GR45	200,567	192,253	8,314	192,253	183,479	12/31/2022
16165MAG3	262,059	258,363	3,696	258,363	222,235	12/31/2022
17025AAH5	65,509	62,734	2,775	62,734	60,911	12/31/2022
2254582Y3	244,659	244,657	3	244,657	216,789	12/31/2022
225458L55	102,546	101,977	569	101,977	88,772	12/31/2022
225470VF7	258,722	254,646	4,076	254,646	245,421	12/31/2022
32051GXQ3	193,445	182,146	11,299	182,146	183,998	12/31/2022
466247ZP1	63,534	62,853	681	62,853	60,621	12/31/2022
46630WAB6	197,580	190,300	7,280	190,300	176,211	12/31/2022
46630WAL4	136,057	129,396	6,662	129,396	122,400	12/31/2022
46631NAA7	150,803	150,935	(132)	150,935	127,954	12/31/2022
46631NDT3	382,013	380,617	1,396	380,617	383,735	12/31/2022
57643MLZ5	41,404	40,971	432	40,971	38,694	12/31/2022
863579XC7	292,638	285,210	7,429	285,210	296,901	12/31/2022
86363GAF1	180,728	175,736	4,992	175,736	178,461	12/31/2022
			\$ 1,388,748			

- (4) The following table shows all loan-backed securities with an unrealized loss:
  - a. The aggregate amount of unrealized losses:

1. Less than 12 months \$ 27,431,155 2. 12 months or longer \$ 18,662,496

b. The aggregate related fair value of securities with unrealized losses:

1. Less than 12 months \$ 347,878,655 2. 12 months or longer 155,723,510

- (5) Based on cash flow projections received from independent sources (which reflect loan to collateral values, subordination, vintage and geographic concentration), implied cash flows inherent in security ratings and analysis of historical payment data, management believes that the Company will recover its cost basis in all securities with unrealized losses. The Company has the intent to hold securities in an unrealized loss position until they recover in value or mature.
- E. Dollar Repurchase Agreements and/or Securities Lending Transactions Not applicable.
- F. Repurchase Agreements Transactions Accounted for as Secured Borrowing Not applicable.
- G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing Not applicable.
- H. Repurchase Agreements Transactions Accounted for as a Sale Not applicable.
- I. Reverse Repurchase Agreements Transactions Accounted for as a Sale Not applicable.
- J. Real Estate Not applicable.
- K. Low Income Housing Tax Credits Not applicable.

#### Restricted Assets

(1) Restricted Assets (including pledged):

			Gross (Admitted				Per	centage			
			Current Year	•					Curren	t Year	
	1	2	3	4	5	6	7	8	9	10	11
		G/A Supporting		S/A Assets			Increase/	Total	Total Admitted	Gross Restricted	Admitted Restricted to
	Total General	Separate Account	Total S/A	Supporting G/A		Total from Prior			Restricted	to Total	Total Admitted
Restricted Asset Category	Account (GA)	(S/A) Activity (a)	Restricted Assets	Activity (b)	Total (1 plus 3)	Year	minus 6)	Restricted	(5 minus 8)	Assets (c)	Assets (d)
<ul> <li>Subject to contractual obligation for</li> </ul>											
which liability is not shown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	0%
<ul> <li>b. Collateral held under security</li> </ul>											
lending agreements	_	-	-	-	-	-	-	-	-	0%	0%
<ul> <li>Subject to repurchase agreements</li> </ul>	-	-	-	-	-	-	-	-	-	0%	0%
d. Subject to reverse repurchase											
agreements	-	-	-	-	-	-	-	-	-	0%	0%
e. Subject to dollar repurchase											
agreements	-	-	-	-	-	-	-	-	-	0%	0%
f. Subject to dollar reverse											
repurchase agreements	-	-	-	-	-	-	-	-	-	0%	0%
g. Placed under option contracts	-	-	-	-	-	-	-	-	-	0%	0%
h. Letter stock or securities restricted											
as to sale - excluding FHLB											
capital stock	2,734,423	-	-	-	2,734,423	2,804,539	(70,116)	-	2,734,423	0.1%	0.1%
i. FHLB capital stock	-	-	-	-	-	-	-	-	-	0.0%	0.0%
j. On deposit with states	6,515,982	-	-	-	6,515,982	7,846,981	(1,330,999)	-	6,515,982	0.2%	0.2%
k. On deposit with other regulatory											
bodies	-	-	-	-	-	-	-	-	-	0%	0%
Pledged as collateral to FHLB											
(including assets backing funding											
agreements)		-	-	-	-	-	-	-	-	0.0%	0.0%
m. Pledged as collateral not											
captured in other categories	-	-	-	-	-	-	-	-	-	0%	0%
n. Other restricted assets	-	-	-	-	-	-	-	-	-	0%	0%
Total restricted assets	\$ 9,250,405	\$ -	\$ -	\$ -	\$ 9,250,405	\$ 10,651,520	\$ (1,401,115)	\$ -	\$ 9,250,405	0.3%	0.3%

- (2) Details of Assets Pledged as Collateral Not Captured in Other Categories Not applicable.
- (3) Details of Other Restricted Assets Not applicable.
- (4) Collateral Received and Reflected as Assets Within the Reporting Entity's Financial Statements

		1	2	3	4
				% of BACV to	
	Book	/Adjusted		Total Assets	% of BACV to
	Carry	ing Value		(Admitted and	Total Admitted
Collateral Assets	,	ACV)	Fair Value	Nonadmitted) *	Assets **
General Account:	,	,		,	
a. Cash	\$	-	\$ -	0.000%	0.000%
b. Schedule D, Part 1		-	-	0.000%	0.000%
c. Schedule D, Part 2, Section 1		-	-	0.000%	0.000%
d Schedule D, Part 2, Section 2		_	-	0.000%	0.000%
e Schedule B		_	-	0.000%	0.000%
f. Schedule A		_	-	0.000%	0.000%
g Schedule BA, Part 1		_	-	0.000%	0.000%
h. Schedule DL, Part 1		_	-	0.000%	0.000%
i. Other		_	-	0.000%	0.000%
Total Collateral Assets					
j. (a+b+c+d+e+f+g+h+i)	\$	_	\$ -	0.000%	0.000%

% of Liability to Amount Total Liabilities \* k. Recognized Obligation to \$ 2,260,511 0.107% Return Collateral Asset

- Working Capital Finance Investments Not applicable.
- Offsetting and Netting of Assets and Liabilities Not applicable.
- O. 5GI Securities

Investment	Number of 5	GI Securities	Aggreg	ate BACV	Aggregate Fair Value			
	Current Year Prior Year		Current Year	Prior Year	Current Year	Prior Year		
(1) Bonds - AC	-	-	\$ -	\$ -	\$ -	\$ -		
(2) LB&SS - AC	-	1	-	9	-	5		
(3) Preferred Stock - AC	-	-	-	-	-	-		
(4) Preferred Stock - FV	-	-	-	-	-	-		
(5) Total (1+2+3+4)	-	1	\$ -	\$ 9	\$ -	\$ 5		

AC - Amortized Cost

FV - Fair Value

<sup>(</sup>a) Subset of column 1 (b) Subset of column 2 (c) Column 5 divided by Asset Page, Column 1, Line 28 (d) Column 9 divided by Asset Page, Column 3, Line 28

Column 1 divided by Asset Page, Line 26 (Column 1)
 Column 1 divided by Asset Page, Line 26 (Column 3)

<sup>\*</sup> Column 1 divided by Liability Page, Line 26 (Column 1)

P. Short Sales – Not applicable.

Q. Prepayment Penalty and Acceleration Fees

General Account Separate Account (1) Number of CUSIPS 2 0 (2) Aggregate amount of investment income \$ 81,145 \$ -

R. Share of Cash Pool by Asset Type - Not applicable

## Note 6 - Joint Ventures, Partnerships and Limited Liability Companies

The Company has no investments in joint ventures, partnerships or limited liability companies.

#### Note 7 - Investment Income

A. Due and accrued income is excluded from surplus on the following bases:

All investment income due and accrued with amounts that are over 90 days past due.

B. The amount of investment income due and accrued that is excluded from surplus is \$0.

#### Note 8 - Derivative Instruments

The Company uses equity call options purchased in either the over-the-counter market or on the Chicago Board Options Exchange as economic hedging transactions for financial accounting, regulatory and tax purposes for the associated liabilities of its fixed-indexed annuity products. Under the fixed-indexed annuity products, the crediting rate is linked to changes in the equity indices or Exchanged Traded Funds (ETF) for specified periods and participation rates. The prices of the options purchased are calculated with reference to the underlying index or ETF, participation rates, caps, floors, durations and notional amounts of the underlying contracts. The Company pays cash at the beginning of the contract and may pay or receive cash at expiration of the option as calculated in the option contract. The credit exposure of the options is represented by the fair value (market value) of contracts at the reporting date.

Effective January 1, 2022, the Company elected to apply OAC 3901-1-67 (Refer to Note 2) to the equity index call options hedging the fixed-indexed annuity ("FIA") products. Under OAC 3901-1-67, FIA options are carried at amortized cost. The settlement gains or losses are recorded through net investment income along with the amortization of the FIA options. The company recognized settlement gains on FIA options of \$7,710,492 and amortization expense of \$10,386,147 through net investment income during the period.

Counterparties to financial instruments expose the Company to credit-related losses in the event of nonperformance. With most counterparties, the company holds collateral to secure the performance by the counterparty. The Company does not expect any counterparties to fail to meet their obligations.

The Company has no derivative instruments with financing premiums.

#### Note 9 - Income Taxes

On August 16th, 2022, the Inflation Reduction Act was signed into law and includes certain corporate income tax provisions. Impacts to the Company include the imposition of a corporate alternative minimum tax ("CAMT") applicable to tax years beginning after December 31, 2022. The CAMT imposes a 15% minimum tax on adjusted financial statement income on applicable corporations that have an average adjusted financial statement income over \$1 billion in the prior three-year period (2020-2022). As of the reporting date, the Company has not determined if it will be liable for CAMT in 2023. In accordance with INT 22-02: Third Quarter 2022 through First Quarter 2023 Reporting of the Inflation Reduction Act — Corporate Alternative Minimum Tax, the financial statements do not include an estimated impact of the CAMT because a reasonable estimate cannot be made. The United States Treasury Secretary has been authorized to issue guidance on the CAMT and pending such guidance the Company is not able to make a reasonable estimate

#### A. Deferred Tax Assets and Deferred Tax Liabilities

(1) The components of the net deferred tax asset/(liability) at December 31 are as follows:

	2022			2021			Change			
	Ordinary	Capital	Total	Ordinary	Capital	Total	Ordinary	Capital	Total	
a. Gross deferred tax assets	\$ 3,604,417	\$ 826,189	\$ 4,430,606	\$ 3,292,530	\$ 44,396	\$ 3,336,926	\$ 311,887	\$ 781,793	\$ 1,093,680	
b. Statutory valuation allowance adjustment	_	_	_	_	_	_	_	-	-	
<ul> <li>c. Adjusted gross deferred tax assets</li> </ul>	3,604,417	826,189	4,430,606	3,292,530	44,396	3,336,926	311,887	781,793	1,093,680	
d. Deferred tax assets nonadmitted	1,709,383	(947,293)	762,090	821,981	(94,995)	726,986	887,402	(852,298)	35,104	
e. Subtotal net admitted deferred tax asset	1,895,034	1,773,482	3,668,516	2,470,549	139,391	2,609,940	(575,515)	1,634,091	1,058,576	
f. Deferred tax liabilities	1,007,728	947,293	1,955,021	1,313,720	94,995	1,408,715	(305,992)	852,298	546,306	
<ul> <li>g. Net admitted deferred tax assets/(net deferred tax liability)</li> </ul>	\$ 887.306	\$ 826.189	\$ 1.713.495	\$ 1.156.829	\$ 44.396	\$ 1.201.225	\$ (269.523)	\$ 781.793	\$ 512.270	

## (2) Admission calculation components, SSAP No. 101:

		2022		2021			Change		
	Ordinary	Capital	Total	Ordinary	Capital	Total	Ordinary	Capital	Total
Federal income taxes paid in prior years recoverable through loss carrybacks	\$ -	\$ 826,189	\$ 826,189	\$ -	\$ 44,396	\$ 44,396	\$ -	\$ 781,793	\$ 781,793
Adjusted gross deferred tax assets expected to be realized (excluding the amount of deferred tax assets from 2(a) above) after application of the threshold limitation. (The lesser of 2(b)1 and 2(b)2 below)									
Adjusted gross deferred tax assets expected to be realized following the	887,306	-	887,306	1,156,829	-	1,156,829	(269,523)	-	(269,523)
balance sheet date  2. Adjusted gross deferred tax assets	887,306	-	887,306	1,156,829	-	1,156,829	(269,523)	-	(269,523)
allowed per limitation threshold	xxx	xxx	56,956,778	xxx	xxx	54,171,540	xxx	xxx	2,785,238
Adjusted gross deferred tax assets (excluding the amount of deferred tax assets from 2(a) and 2(b) above) offset by gross deferred tax liabilities									
Deferred tax assets admitted as the result of application	1,007,728	947,293	1,955,021	1,313,720	94,995	1,408,715	(305,992)	852,298	546,306
of SSAP No. 101	\$ 1,895,034	\$1,773,482	\$ 3,668,516	\$ 2,470,549	\$ 139,391	\$ 2,609,940	\$ (575,515)	\$ 1,634,091	\$ 1,058,576

(3) Other admissibility criteria:

a. Ratio percentage used to determine recovery period and threshold limitation amount

b. Amount of adjusted capital and surplus used to

 Amount of adjusted capital and surplus used to determine recovery period and threshold limitation in 2(b)2 above

\$ 379,711,853 \$ 361,143,598

(4) Impact of tax planning strategies:

		2022		20:	21	Change		
		Ordinary	Capital	Ordinary	Capital	Ordinary	Capital	
	ination of adjusted gross deferred tax assets and net admitted deferred tax by tax character as a percentage							
1.	Adjusted gross DTAs amount from Note 9A1(c)	\$ 3,604,417	\$ 826,189	\$ 3,292,530	\$ 44,396	\$ 311,887	\$ 781,793	
2.	Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies	0%	11.9%	0%	0.9%	0%	11%	
3.	Net admitted adjusted gross DTAs amount from Note 9A1(e)	1,895,034	1,773,482	2,470,549	139,391	(575,515)	1,634,091	
4.	Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning strategies	0%	16.8%	0%	1.1%	0%	16%	

- b. Does the company's tax planning strategies include the use of reinsurance? Yes [ ] No [ X ]
  - B. The Company has recognized all of its deferred tax liabilities.
  - C. Current income taxes incurred consist of the following major components:
    - (1) Current income tax expense:

	2022	2021	Change
a. Federal	\$ 4,221,350	\$ 5,320,850	\$ (1,099,500)
b. Foreign	 -		<u>-</u>
c. Subtotal	 4,221,350	 5,320,850	(1,099,500)
d. Federal income tax on net capital gains	(21,775)	2,059,176	(2,080,951)
e. Utilization of capital loss carry-forwards	-	-	-
f. Other	-	-	-
g. Federal and foreign income taxes incurred	\$ 4,199,575	\$ 7,380,026	\$ (3,180,451)

(2) Deferred tax assets:

		2022		2021		Change
a. Ordinary						
<ol> <li>Discounting of unpaid losses</li> </ol>	\$	-	\$	-	\$	-
2 Unearned premium reserve		-		-		-
3 Policyholder reserve		2,615,861		2,556,669		59,192
4 Investments		-		-		-
5 Deferred acquisition costs		163,276		191,622		(28,346)
6 Policyholder dividends accrual		-		-		-
7 Fixed assets		-		-		-
8 Compensation and benefits accrual		-		-		-
9 Pension accrual		-		-		-
10 Receivables - nonadmitted		188,621		6,226		182,395
11 Net operating loss carry-forward		-		-		-
12 Tax credit carry-forward		-		-		-
13 Other		2,577		3,119		(542)
14 Accruals		-		-		` -
15 Amortization of intangibles		_		_		-
16 Underwriting expenses						-
17 Accrued expenses		609,784		495,182		114,602
18 Agent balances		6,315		21,540		(15,225)
19 Bad debt expense		17,983		18,172		(189)
99 Subtotal	\$	3,604,417	\$	3,292,530	\$	311,887
b. Statutory valuation allowance adjustment	•	-	•	-	•	-
c. Nonadmitted		1,709,383		821,981		887,402
d. Admitted ordinary deferred tax assets	\$	1,895,034	\$	2,470,549	\$	(575,515)
e. Capital						
1 Investments	\$	826,189	\$	44,396	\$	781,793
2 Net capital loss carry-forward	•	_	•	-	·	_
3 Real estate		_		_		_
4 Other		_		_		_
99 Subtotal	\$	826,189	\$	44,396	\$	781,793
f. Statutory valuation allowance adjustment	*		*	- 1,000	*	-
g. Nonadmitted		(947,293)		(94,995)		(852,298)
h. Admitted capital deferred tax assets	\$	1,773,482	\$	139,391	\$	1,634,091
i. Admitted deferred tax assets	\$	3,668,516	\$	2,609,940	\$	1,058,576
i. / tallilloa aciolloa lax assets	Ψ	0,000,010	Ψ	2,000,040	Ψ	1,000,070

(3) Deferred tax liabilities:

(4)

		2022		2021	Change	
a.	Ordinary					
1	Investments	\$	-	\$ -	\$	-
2	Fixed assets		-	-		-
3	Deferred and uncollected premium		-	-		-
4	Other - Reserve transition adjustment		955,699	1,274,266		(318,567)
5	Other		52,029	 39,454		12,575
99	Subtotal	\$	1,007,728	\$ 1,313,720	\$	(305,992)
b.	Capital					
1	Investments	\$	947,293	\$ 94,995	\$	852,298
2	Real estate		-	-		-
3	Other		-	-		-
99	Subtotal	\$	947,293	\$ 94,995	\$	852,298
C.	Deferred tax liabilities	\$	1,955,021	\$ 1,408,715	\$	546,306
Net	deferred tax assets/(liabilities)	\$	1,713,495	\$ 1,201,225	\$	512,270

D. The provision for federal income taxes incurred on operations is different from that which would be obtained by applying the statutory federal income tax rate to income before income taxes. The significant items causing this difference are as follows:

	2022	2021
Provision for expense computed at statutory rate (operations and realized gains/losses)	\$ 5,690,708	\$ 8,144,520
Permanent differences:		
Dividend received deduction		(374,790)
Interest expense	(41,188)	(47,489)
Provision to return adjustments	(54,998)	(333,930)
Other	39	950
Total permanent differences	(96,147)	(755,259)
Timing adjustments:		
Investment differences	(2,556,283)	10,369
Reserves	1,057,616	136,374
DAC tax adjustment	(28,347)	(25,845)
Accrued expenses	114,602	76,407
Provision to return (primarily investment-related items)	(13,826)	(95,418)
Other	31,252	35,830
Total timing adjustments	(1,394,986)	137,717
Other adjustments:		
Unrealized on options	-	(88,511)
Tax credits		(58,441)
Total other adjustments	-	(146,952)
Federal income tax expense on operations and realized gains/losses	\$ 4,199,575	\$ 7,380,026
Gross change in deferred tax asset		
Timing adjustments	\$ 1,394,986	\$ (137,717)
Impact of nonadmitted assets	(166,163)	31,091
Adjustment to prior year taxes	(9,217)	-
Unrealized gains/losses	(160,340)	24,149
Other	9,216	1
Total change in deferred tax asset recorded directly to surplus	1,068,483	(82,476)
Total statutory income tax expense	\$ 5,268,058	\$ 7,297,550

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- (1) The Company does not have any operating loss carry-forwards or capital loss carry-forwards available to offset future net income subject to federal income taxes.
- (2) The following are income taxes on operations and realized gains incurred in the current and prior years that will be available for recoupment in the event of future net losses:

Period	Ord	dinary	 Capital	 Total
2022	\$	-	-	\$ -
2021	\$	-	\$ 2,184,418	\$ 2,184,418
2020	\$	-	-	\$ -

(3) The Company had no deposits to disclose under Section 6603 of the Internal Revenue Service Co

- F. The Company's federal income tax return is consolidated.
  - (1) The Company's federal income tax return is consolidated with the following entities:

AAG Insurance Agency, LLC
Annuity Investors Life Insurance Company
MM Ascend Life Investors Services, LLC
MassMutual Ascend Life Insurance Company
Manhattan National Holding, LLC
Manhattan National Life Insurance Company

- (2) Pursuant to the tax allocation agreement, the Company's tax expense is be determined based upon its inclusion in the consolidated tax return of MassMutual Ascend Life Insurance Company ("MMALIC"), and its subsidiaries. Estimated payments are made quarterly during the year. Following year-end, additional settlements are made on the original due date of the return and, when extended, at the time the return is filed. The method of allocation among the companies under the agreement is based upon separate return calculations with current credit for losses to the extent the losses provide a benefit in the consolidated return.
- G. Federal or Foreign Income Tax Loss Contingencies

The Company does not have any tax loss contingencies.

- H. Repatriation Transition Tax (RTT) Not applicable.
- I. Alternative Minimum Tax (AMT) Credit Not applicable.

#### Note 10 - Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties

#### A..B. & C.

The Company is a wholly owned subsidiary of MMALIC, formerly known as Great American Life Insurance Company. MMALIC is a wholly owned subsidiary of Glidepath Holdings, Inc., which is a subsidiary of Massachusetts Mutual Life Insurance Company. See Schedule Y, Part 1, Organizational Chart.

During 2022, the Company paid (received) federal income tax payments in cash to (from) MMALIC:

4/11/2022 \$ 4,228,230 9/16/2022 \$ 1,877,175 12/21/2022 \$ (604,141)

The Company did not pay an ordinary dividend to its parent in 2022 or 2021.

The Company did not receive capital contributions from MMALIC in 2022 or 2021.

- D. As of December 31, 2022, the Company reported \$614,202 due from and \$0 due to the parent and affiliated companies. The terms of the agreement require that these amounts are settled within 90 days.
- E. Management or service contracts and all cost sharing arrangements including the Company:
  - (1) The Company has an agreement with Barings, LLC ("Barings"), an affiliate, which provides investment advisory services to the Company.
  - (2) The Company has an agreement with MM Ascend Life Investor Services, LLC ("MMALIS"), a wholly owned subsidiary of MMALIC, whereby MMALIS is the principal underwriter and distributor of the Company's variable contracts. The Company pays MMALIS for acting as underwriter under a distribution agreement.
  - (3) Certain administrative, management, accounting, data processing, collection, and investment services are provided under agreements between the Company and affiliates at charges not unfavorable to the Company or the affiliate.
- F. The Company has no material guarantees or undertakings for the benefit of an affiliate.
- G. The Company's outstanding shares are 100% owned by MMALIC.
- H. The Company does not own shares of any upstream intermediate entity or its ultimate parent.
- I. The Company has no investment in a subsidiary.
- J. The Company did not recognize any impairment or write down for its investments in subsidiary, controlled or affiliated companies during the statement period.
- K. The Company has no investment in a foreign insurance subsidiary.
- L. The Company does not hold an investment in a downstream non-insurance holding company.
- M. Valuation of Subsidiary, Controlled and Affiliated Entities (excluding U.S. Insurance Entities) Not applicable.
- N. The Company has no investments in insurance subsidiary, controlled, or affiliated entities.
- O. Subsidiary, Controlled, and Affiliated Entities Loss Tracking Not applicable.

#### Note 11 - Debt

- A. The Company has no outstanding debt instruments.
- B. The Company has no Federal Home Loan Bank agreements.

# Note 12 - Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans

A., B., C. & D.

The Company does not participate in a defined benefit plan.

#### E. Defined Contribution Plan

The Company participates in the retirement plans of MMALIC. MMALIC sponsors funded (qualified 401(k) thrift savings) and unfunded (nonqualified deferred compensation thrift savings) defined contribution plans for its employees and retirees. The qualified 401(k) thrift savings plan's net assets available for benefits were \$37,437,537 as of December 31, 2022 and \$34,792,881 as of December 31, 2021. The Company matches a percentage of employee contributions to the qualified 401(k) thrift savings plan. The Company's total matching thrift savings contributions included in general insurance expenses were \$281,221 for the year ended December 31, 2022 and \$287,382 for the year ended December 31, 2021.

- F. The Company does not participate in multiemployer plans.
- G. The Company does not participate in consolidated or holding company plans.
- H. The Company does not accrue for postemployment benefits and compensated absences.
- I. The Company does not apply for a subsidy under the Medicare Part D under the Medicare Modernization Act.

#### Note 13 - Capital And Surplus, Shareholders' Dividend Restrictions and Quasi-Reorganizations

- A. The Company's capital is common stock. There are 25,000 shares authorized and 20,000 shares issued and outstanding, with a per share par value of \$125.00. There are no other classes of capital stock.
- B. The Company has no preferred stock outstanding.
- C. The maximum amount of dividends which can be paid to stockholders by life insurance companies domiciled in the State of Ohio without prior approval of the Insurance Commissioner is the greater of 10% of surplus as regards policyholders or net income as of the preceding December 31, but only to the extent of earned surplus as of the preceding December 31. The maximum amount of dividends payable in 2023 without prior approval is \$38,166,003, based on surplus. At December 31, 2022, surplus as regards policyholders was \$381,660,033, earned surplus was \$210,110,033, and net income was \$24,090,844.
- D. The Company paid no dividends in 2022 or 2021.
- E. Within the limitations of (C) above, there are no restrictions placed on the portion of Company profits that may be paid as ordinary dividends to stockholders.
- F. The Company has placed no restrictions on unassigned surplus funds.
- G. The total amount of advances to surplus not repaid is \$0. The Company is not organized as a mutual insurer or similar entity.
- H. The amounts of stock held by the Company, including stock of affiliated companies, for special purposes are:

a. For conversion of preferred stock: 0 shares
b. For employee stock options: 0 shares
c. For stock purchase w arrants: 0 shares

- I. The Company has no special surplus funds.
- J. The portion of unassigned funds (surplus) represented or reduced by each item below is as follows:

а Unrealized gains and losses: (4 969 014) b. Nonadmitted asset values: \$ (1,690,359)Separate account business: \$ 61 C. Ч Asset valuation reserves: \$ (17,915,672) Provision for reinsurance: e.

- K. The Company has not issued any surplus debentures or similar obligations.
- L. & M. There has been no restatement of surplus due to quasi-reorganization.

## Note 14 - Contingencies

- A. The Company is not aware of any material contingent liabilities and has no reserves to cover any contingent liabilities.
- B. The Company held a guaranty fund assessment liability for future assessments of \$12,273. The Company also holds a premium tax offset asset related to guaranty fund assessments paid or accrued.
- C. The Company has no gain contingencies to report.
- D. The Company is not aware of any claims related to extra contractual obligations and bad faith losses stemming from lawsuits.
- E. The Company has no joint and several liabilities.
- F. The Company is not aware of any other material loss contingencies as of the Balance Sheet date, or any date subsequent up to the filling of this statement.

#### Note 15 - Leases

Not applicable.

# Note 16 - Information About Financial Instruments with Off-Balance Sheet Risk and Financial Instruments with Concentrations of Credit Risk

The Company does not have financial instruments with off-balance sheet risk or financial instruments with concentrations of credit risk, except as described in Note 8 – Derivative Instruments.

## Note 17 - Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities

The Company has no reportable transactions.

### Note 18 - Gain or Loss to the Reporting Entity from Uninsured A&H Plans and the Uninsured Portion of Partially Insured Plans

Not applicable.

### Note 19 - Direct Premium Written/Produced by Managing General Agents/Third Party Administrators

Not applicable.

#### Note 20 - Fair Value Measurements

Α.

(1) Fair Value Measurements at Reporting Date

The Company has categorized its assets and liabilities measured at fair value or net asset value ("NAV") into the three-level fair value hierarchy as reflected in the following table. See item (4) below for a discussion of each of these three levels.

				Net Asset	
				Value	
	Level 1	Level 2	Level 3	(NAV)	Total
Assets at fair value					
Bonds:					
Industrial and miscellaneous	\$ -	\$ 138,660	\$ -	\$ -	\$ 138,660
Total bonds	•	138,660	-	-	138,660
Non-affiliated preferred stock		-	-	-	-
Non-affiliated common stock	-	-	-	-	-
Equity index call options	-	24,814,134	-	-	24,814,134
Variable annuity assets (separate accounts)	-	499,062,678	-	-	499,062,678
Total assets accounted for at fair value/NAV	\$ -	\$ 524,015,472	\$ -	\$ -	\$ 524,015,472
Liabilities at fair value					
Variable annuity liabilities (separate accounts)	\$ -	\$ 499,062,678	\$ -	\$ -	\$ 499,062,678
Total liabilities at fair value	\$ -	\$ 499,062,678	\$ -	\$ -	\$ 499,062,678

- (2) The Company does not have any Level 3 securities at fair value.
- (3) Fair Value Recognition of Transfers Between Levels

The Company recognizes and records the transfer of securities into and out of Level 3 due to changes in availability of market observable inputs. There were no level 3 transfers during the period.

(4) Inputs and Techniques Used in Estimating Fair Value

Level 1 - Quoted prices for identical assets or liabilities in active markets (markets in which transactions occur with sufficient frequency and volume to provide pricing information on an ongoing basis). The Company's Level 1 financial instruments consist primarily of publicly traded equity securities for which quoted market prices in active markets are available.

Level 2 - Quoted prices for similar instruments in active markets; quoted prices for identical or similar assets or liabilities in inactive markets (markets in which there are few transactions, the prices are not current, price quotations vary substantially over time or among market makers, or in which little information is released publicly); and valuations based on other significant inputs that are observable in active markets. Level 2 inputs include benchmark yields, reported trades, corroborated broker/dealer quotes, issuer spreads and benchmark securities. When non-binding broker quotes can be corroborated by comparison to similar securities priced using observable inputs, they are classified as Level 2.

Level 3 - Valuations derived from market valuation techniques generally consistent with those used to estimate the fair value of Level 2 financial instruments in which one or more significant inputs are unobservable or when the market for a security exhibits significantly less liquidity relative to markets supporting Level 2 fair value measurements. The unobservable inputs may include management's own assumptions about the assumptions market participants would use based on the best information available in the circumstances. The Company does not have any Level 3 assets or liabilities carried at fair value at December 31, 2022.

The Company's investment manager, Barings, is responsible for the valuation process and uses data from outside sources (including nationally recognized pricing services and broker/dealers) in establishing fair value. Valuation techniques utilized by pricing services and prices obtained from external sources are reviewed by Barings internal investment professionals who are familiar with the securities being priced and the markets in which they trade to ensure the fair value determination is representative of an exit price. To validate the appropriateness of the prices obtained, the investment manager considers widely published indices (as benchmarks), recent trades, changes in interest rates, general economic conditions and the credit quality of the specific issuers. In addition, Barings communicates directly with the pricing service regarding the methods and assumptions used in pricing, including verifying, on a test basis, the inputs used by the service to value specific securities.

- (5) Derivative Assets and Liabilities
  - a. The Company's derivative assets/liabilities are reported on a gross basis (see 20-A-(1)).
  - b. The Company has no gross or net derivative assets/liabilities measured at fair value in the Level 3 category.
- B. The Company has no additional fair value disclosures.

C. The Company has categorized all the financial assets in the financial statements into the three-level fair value hierarchy as reflected in the following table. See item (4) above for a discussion of each of these three levels.

	Aggregate	Admitted				Net Asset	Not Practicable
Type of Financial Instrument	Fair Value	Assets	Level 1	Level 2	Level 3	Value (NAV)	(Carrying Value)
Financial Assets: Bonds:							
U.S. Government and							
agencies	\$ 404,458	\$ 418,971	\$ -	\$ 404,458	\$ -	\$ -	\$ -
All Other Governments	986,095	999,296	-	986,095	-	-	-
States, territories, and possessions	32,240,632	33,981,089	-	32,240,632	-	-	-
Political subdivisions of	,,						
states, territories	26,677,397	27,620,529	-	26,677,397	-	-	-
Special Revenue	174,596,901	192,918,845	-	174,596,901	-	-	-
Industrial & Miscellaneous	1,871,908,594	2,023,532,514	-	1,866,849,645	5,058,949	-	-
Hybrid Securities	25,586,195	26,144,118	-	23,086,195	2,500,000	-	-
Parent, Subs and Affiliates	16,722,306	16,794,115		16,722,306			
Total bonds	\$ 2,149,122,578	\$ 2,322,409,477	\$ -	\$ 2,141,563,629	\$ 7,558,949	\$ -	\$ -
Non-affiliated preferred stock	4,052,800	4,000,000	2,052,800	_	2,000,000	-	-
Non-affiliated common stock				-		-	-
Equity index call options	5,432,175	24,814,134	2,206,612	3,225,563	-	-	-
Variable annuity assets (separate							
accounts)	499,062,678	499,062,678	-	499,062,678	-	-	-
Cash, cash equivalents and							
short-term investments	45,324,251	45,324,251	45,324,251	-	-	-	-
Policy loans	45,036,171	45,036,171	-	-	45,036,171	-	-
Other investments	16,612,523	18,131,516		16,612,523			
Total financial assets/NAV	\$ 2,764,643,176	\$ 2,958,778,227	\$ 49,583,663	\$ 2,660,464,393	\$ 54,595,120	\$ -	\$ -

- D. Not Practicable to Estimate Fair Value The Company has no financial instruments that fall under this classification.
- E. NAV Practical Expedient Investments The Company has no financial instruments that fall under this classification.

#### Note 21 - Other Items

- A. The Company had no unusual events or infrequent items to report.
- B. The Company had no troubled debt restructuring.
- C. The Company has no other disclosures to report.
- D. The Company has no business interruption insurance recoveries.
- E. The Company has no state transferable or nontransferable tax credits.
- F. Subprime Mortgage Related Risk Exposure
  - (1) Included in determining the Company's exposure to subprime mortgage loans are the debt and equity securities of companies whose principal business includes the origination, securitization, providing of mortgage insurance on, investment in or management of subprime mortgage loans. Also included in such determination are those residential MBS and collateral debt obligations in which the ultimate collateral supporting anticipated cash flows are subprime mortgage loans. In general, we limit the Company's purchases of subprime residential MBS to those securities with AAA ratings and whose underlying collateral is fixed-rate (as opposed to adjustable rate).

Other Than

- (2) The Company does not have any investments with direct exposure in subprime mortgage loans.
- (3) Direct exposure to subprime mortgage risk through other investments in the following securities:

	Actual Cost	Book/Adjusted Carrying Value (excluding interest)	Fair Value	Temporary Impairment Losses Recognized
a. Residential MBS	\$ 39,310,866	\$ 39,387,419	\$ 37,302,847	\$ 21,196
b. Commercial MBS	=	-	-	-
c. Collateralized debt obligations	-	-	-	-
d. Structured securities	-	-	-	-
e. Equity investments in SCAs	-	-	-	-
f. Other assets	-	-	-	-
g. Total	\$ 39,310,866	\$ 39,387,419	\$ 37,302,847	\$ 21,196

- (4) The Company has no net underwriting exposure to subprime mortgage risk through Mortgage Guaranty or Financial Guaranty coverage.
- G. The Company does not have retained asset accounts.
- H. The Company is not an issuer, ceding issuer, or counterparty of insurance-linked securities.
- I. The Company has no amount that could be realized on life insurance where the reporting entity is owner and beneficiary or has otherwise obtained rights to control the policy.

#### Note 22 - Events Subsequent

Management has evaluated the financial statements for subsequent events through February 24, 2023, the date the financial statements were available to be issued. There have been no subsequent events that have a material financial effect on the Company.

#### Note 23 - Reinsurance

A. Ceded Reinsurance Report

Section 1 – General Interrogatories

(1) Are any of the reinsurers, listed in Schedule S as non-affiliated, owned in excess of 10% or controlled, either directly or indirectly, by the Company or by any representative, officer, trustee, or director of the Company? Yes ( ) No ( x ) If yes, give full details

(2) Have any policies issued by the Company been reinsured with a company chartered in a country other than the United States (excluding U.S. Branches of such companies) that is owned in excess of 10% or controlled directly or indirectly by an insured, a beneficiary, a creditor or any other person not primarily engaged in the insurance business?

Yes () No (x) If yes, give full details

#### Section 2 - Ceded Reinsurance Report - Part A

- Does the Company have any reinsurance agreements in effect under which the reinsurer may unilaterally cancel any reinsurance for reasons other than for nonpayment of premium or other similar credits?
   Yes ( ) No ( x )
  - a. If yes, what is the estimated amount of the aggregate reduction in surplus of a unilateral cancellation by the reinsurer as of the date of this statement, for those agreements in which cancellation results in a net obligation of the Company to the reinsurer, and for which such obligation is not presently accrued? Where necessary, the Company may consider the current or anticipated experience of the business reinsured in making this estimate. \$0
  - b. What is the total amount of reinsurance credits taken, whether as an asset or as a reduction of liability, for these agreements in this statement? \$0
- (2) Does the Company have any reinsurance agreements in effect such that the amount of losses paid or accrued through the statement date may result in a payment to the reinsurer of amounts that, in aggregate and allowing for offset of mutual credits from other reinsurance agreements with the same reinsurer, exceed the total direct premium collected under the reinsured policies?

Yes ( ) No ( x ) If yes, give full details

#### Section 3 - Ceded Reinsurance Report - Part B

- (1) What is the estimated amount of the aggregate reduction in surplus (for agreements other than those under which the reinsurer may unilaterally cancel for reasons other than for nonpayment of premium or other similar credits that are reflected in Section 2 above) of termination of ALL reinsurance agreements, by either party, as of the date of this statement? Where necessary, the Company may consider the current or anticipated experience of the business reinsured in making this estimate. \$0
- (2) Have any new agreements been executed or existing agreements amended, since January 1 of the year of this statement, to include policies or contracts that were in force or which had existing reserves established by the Company as of the effective date of the agreement?
  Yes ( ) No ( x )

If yes, what is the amount of reinsurance credits, whether an asset or a reduction of liability, taken for such new agreements or amendments? \$0

B. Uncollectible Reinsurance

The Company did not write off any uncollectible reinsurance.

C. Commutation of Ceded Reinsurance

The Company was not involved in any commutation of ceded reinsurance.

D. Certified Reinsurer Rating Downgrade or Status Subject to Revocation

The Company has no reinsurance contracts with certified reinsurers.

- E., F., G. The Company has no captive reinsurance agreements.
- H. Reinsurance Credit
  - (1) The Company had no reinsurance contracts subject to A-791 that includes a provision which limits the reinsurer's assumption of significant risks identified as A-791.
  - (2) The Company had no reinsurance contracts not subject to A-791, for which reinsurance accounting was applied and includes a provision that limits the reinsurer's assumption of risk.
  - (3) The Company had no reinsurance contracts which result in delays in payment.
  - (4) The Company had no reinsurance accounting credit for any contracts not subject to Appendix A-791 and not yearly renewable term, which meet the risk transfer requirements of SSAP No. 61R.
  - (5) The Company has not ceded any risk which is not subject to A-791 where the accounting treatment under statutory accounting principles ("SAP") and under generally accepted accounting principles ("GAAP") is different.
  - (6) No reinsurance contracts have different GAAP and SAP accounting treatments.

#### Note 24 - Retrospectively Rated Contracts & Contracts Subject to Redetermination

Not applicable.

## Note 25 - Change in Incurred Losses and Loss Adjustment Expenses

The Company had no changes in the provision for incurred loss or loss adjustment expense attributable to insured events of prior years.

## Note 26 - Intercompany Pooling Arrangements

Not applicable.

## Note 27 - Structured Settlements

Not applicable.

#### Note 28 - Health Care Receivables

Not applicable.

## Note 29 - Participating Policies

Not applicable

### **NOTES TO FINANCIAL STATEMENTS**

### Note 30 - Premium Deficiency Reserves

Not applicable.

#### Note 31 - Reserves for Life Contracts and Annuity Contracts

A. INDIVIDUAL ANNUITIES

4. Reinsurance ceded

- (1) The Company has no life insurance business in force. Surrender values are not promised in excess of the legally computed reserves.
- (2) The Company has no substandard policies in force.
- (3) The Company had no insurance in force for which the gross premiums are less than the net premiums according to the valuation standard.
- (4) The tabular interest has been determined by the formula as described in the instructions. The tabular less actual reserve released has been determined by the formula as described in the instructions. The tabular cost has been determined by the formula as described in the instructions.
- (5) Tabular interest on funds not involving life contingencies is calculated as the product of such valuation rate of interest times the mean of the amount of funds subject to such valuation rate of interest held at the beginning and end of the year of valuation.
- (6) The Company has no reserve changes not captured elsewhere.

#### Note 32 - Analysis of Annuity Actuarial Reserves and Deposit-Type Liabilities by Withdrawal Characteristics

Withdrawal Characteristics of Annuity Actuarial Reserves and Deposit – Type Contract Funds and Other Liabilities Without Life or Disability Contingencies

# Separate Separate Account with Account Account Account Account Account Account Account Subject to discretionary withdrawal a. With market value adjustment \$ 54,095,128 \$ - \$

a. With market value adjustment	\$ 54,095,128	\$ -	\$ -	\$ 54,095,128	2.3%
<ul> <li>b. At book value less current surrender charge of 5% or more</li> </ul>	217,242,985	-	-	217,242,985	9.3%
c. At fair value	 <u> </u>	 	 419,173,785	 419,173,785	17.9%
d. Total with market value adjustment or at fair value (total of a through c)     e. At book value without adjustment (minimal or no	271,338,113	-	419,173,785	690,511,898	29.5%
charge or adjustment)	1 617 460 566	_	_	1 617 460 566	69.3%

% of Total

Total

 2. Not subject to discretionary withdrawal
 27,731,307
 27,731,307
 1.2%

 3. Total (gross: direct + assumed)
 1,916,529,986
 419,173,785
 2,335,703,771
 100%

5. Total (net)\* (3) - (4) <u>\$ 1,916,529,986</u> <u>\$ - \$ 419,173,785</u> <u>\$ 2,335,703,771</u>

6. Amount included in A(1)b above that will move to A(1)e for the first time within the year after the statement date:

\$ 88.752.433 - \$ 88.752.433

B. GROUP ANNUITIES Separate Separate General Account with Account % of Total Nonquaranteed Account Guarantees 1. Subject to discretionary withdrawal a. With market value adjustment \$ \$ \$ 0% b. At book value less current surrender charge of 5% or more 293,869 293,869 At fair value 79,888,832 79,888,832 42% d. Total with market value adjustment or at fair 42% value (total of a through c) 293,869 79,888,832 80,182,701 e. At book value without adjustment (minimal or no charge or adjustment) 110,276,762 110,276,762 58% 2. Not subject to discretionary withdrawal 0% 3. Total (gross: direct + assumed) 110,570,631 79,888,832 190,459,463 100.0% 4. Reinsurance ceded 5. Total (net)\* (3) - (4) 110,570,631 79,888,832 190,459,463

6. Amount included in A(1)b above that will move to A(1)e for the first time within the year after the statement date:

\$ - - \$

### **NOTES TO FINANCIAL STATEMENTS**

C.	DEPOSIT-TYPE CONTRACTS
(no	life contingencies):

(no life contingencies):		General Account	Sepa Accou Guara		Aco	arate count aranteed		Total	% of Total
Subject to discretionary withdrawal     a. With market value adjustment     b. At book value less current surrender charge of	\$	-	\$	-	\$	-	\$	-	0.0%
5% or more c. At fair value		<u>-</u>		<u>-</u>		<u>-</u>		- -	0.0%
<ul> <li>d. Total with market value adjustment or at fair value (total of a through c)</li> <li>e. At book value without adjustment (minimal or no</li> </ul>		-		-		-		-	0.0%
charge or adjustment)		-		-		-		-	0.0%
2. Not subject to discretionary withdrawal		16,362,774						16,362,774	100.0%
3. Total (gross: direct + assumed)		16,362,774		-		-		16,362,774	100.0%
4. Reinsurance ceded		<u>-</u>						<u> </u>	
5. Total (net)* (3) - (4)	\$	16,362,774	\$		\$	_	\$	16,362,774	
<ol> <li>Amount included in A(1)b above that will move to A(1)e for the first time within the year after the statement date:</li> </ol>									
catement date.	\$	-		-		-	\$	-	
D.     Life & Accident & Health Annual Statement:								Amount	
1. Exhibit 5, Annuities Section, Total (net)							\$ 2	2,027,100,618	
<ol> <li>Exhibit 5, Supplementary Contracts with Life Co</li> <li>Exhibit 7, Deposit-Type Contracts, Line 14, Colo</li> </ol>		encies Section, 1	otal (net)					16,362,773	
4. Subtotal							- 2	2,043,463,391	
Separate Accounts Annual Statement: 5. Exhibit 3, Line 0299999, Column 2								499,062,617	
6. Exhibit 3, Line 0399999, Column 2								-	
Policyholder dividend and coupon accumulation     Policyholder promiums	S							-	
Policyholder premiums     Guaranteed interest contracts								-	
Other contract deposit funds								-	
11. Subtotal								499,062,617	
12. Combined Total							\$ 2	2,542,526,008	

### Note 33 - Analysis of Life Actuarial Reserves by Withdrawal Characteristics

Not applicable.

### Note 34 - Premium and Annuity Considerations Deferred and Uncollected

Not applicable.

### Note 35 - Separate Accounts

- A. Separate Account Activity
  - 1. The Company utilizes separate accounts to record and account for assets and liabilities for individual and group variable annuities. The separate accounts are registered under the Investment Company Act of 1940, as amended, as a unit investment trust. In accordance with the State of Ohio procedures for approving items within the separate accounts, the separate accounts classification of the individual and group variable annuities are supported by Section 3907.15 of the Ohio Revised Code.
  - 2. In accordance with the products and transactions recorded within the separate accounts, all assets are considered legally insulated from the general account and are not chargeable with liabilities incurred in any other business operation of the Company. As of December 31, 2022 and 2021, the Company's separate account statement included legally insulated variable annuity assets of \$499,092,678 and \$690,771,210, respectively.
  - 3. In accordance with the products/transactions recorded within the separate accounts, some separate account liabilities are guaranteed by the general account. To compensate the general account for the risk taken, the separate account has paid risk charges for guaranteed withdrawal benefits for variable annuity contracts as follows for the past five years:
    - a. 2022 \$ 275,968 b. 2021 268,779 c. 2020 286,442 d. 2019 332,572 e. 2018 347,967

As of December 31, 2022, the general account of the Company had a maximum guarantee for separate account liabilities of \$52,190,856 for the guaranteed minimum death benefit of the variable annuity contracts. The total separate account guarantees paid by the general account for the past five years are as follows:

- f. 2022 \$ 118,770 g. 2021 226,381 h. 2020 109,397 i. 2019 365,933 j. 2018 47,181
- 4. The Company does not engage in securities lending transactions with the separate accounts.

## **NOTES TO FINANCIAL STATEMENTS**

B. General Nature and Characteristics of Separate Accounts Business

The separate and variable accounts held by the Company relate to individual and group variable annuities of a nonguaranteed return nature. The net investment experience of the separate accounts is credited directly to the policyholder and can be positive or negative. These variable annuities generally provide a death benefit of the greater of account value or premium paid, accumulated at 0% to 5%. A minimum guaranteed death benefit is also provided on some contracts which is the highest account value (reduced for partial withdrawals) on a prior contract anniversary. The minimum guaranteed death benefit reserve is held in Exhibit 5. The assets and liabilities of these accounts are carried at fair value.

Information regarding the separate accounts of the Company is as follows:

40		Ind	ex	Noning Guara Less tha to 4	antee an/equal	Guar	dexed antee han 4%	No	onguaranteed Separate Accounts	Tot	al
(1)	Premiums, considerations or deposits for year ended 12/31/2022	\$	_	\$	-	\$	_	\$	10,073,242	\$ 10,0	73,242
(2)	Reserves at 12/31/2022 For accounts with assets at:										
	a. Fair value	\$	-	\$	-	\$	-	\$	499,062,617	\$ 499,0	62,617
	b. Amortized cost c. Total reserves			\$		\$		\$	400,000,047	£ 400.0	- 00.047
	c. Total reserves	\$	<u> </u>	ð.		Þ		Þ	499,062,617	\$ 499,0	02,017
(3)	By withdrawal characteristics: a. Subject to discretionary withdrawal b. With fair value adjustment c. At book value without fair value adjustment and with	\$	:	\$	- -	\$	- -	\$	-	\$	-
	current surrender charge of 5% or more d. At fair value e. At book value without fair value adjustment and with current surrender charge less than 5%		-		-				499,062,617	499,0	- 62,617 -
	f. Subtotal								499,062,617	499,0	62,617
	g. Not subject to discretionary withdrawal h. Total	\$	-	\$	<u>-</u>	\$		\$	499,062,617	\$ 499,0	62,617
(4)	Reserves for asset default risk in lieu of AVR	\$		\$		\$		\$		\$	

C. The following is a reconciliation of the net transfer to (from) Separate Accounts:

(1) Transfers as reported in the Summary of Operations of the Separate Accounts Statement:

a. Transfers to Separate Accounts (Page 4, Line 1.4) \$ 10,073,242 b. Transfers from Separate Accounts (Page 4, Line 10) 64,871,097 c. Net transfers to or (from) Separate Accounts (a) - (b) \$ (54,797,855)

(2) Reconciling Adjustments \$

(3) Transfers as reported in the Summary of Operations of the Life, Accident & Health Annual Statement (1c) + (2) = (Page 4, Line 26) \$ (54,797,855)

### Note 36 - Loss/Claim Adjustment Expenses

Not applicable.

## **GENERAL INTERROGATORIES**

# PART 1 - COMMON INTERROGATORIES GENERAL

1.1	Is the reporting entity a member of an Insurance Holding Company System is an insurer?				( ] No [ ]
1.2	If yes, did the reporting entity register and file with its domiciliary State Insursuch regulatory official of the state of domicile of the principal insurer in the providing disclosure substantially similar to the standards adopted by the Naits Model Insurance Holding Company System Regulatory Act and model resubject to standards and disclosure requirements substantially similar to the	Holding Company System, a regis ational Association of Insurance Congulations pertaining thereto, or is t	tration statement ommissioners (NAIC) in the reporting entity	[ X ] No [	] N/A [ ]
1.3	State Regulating?			0h	io
1.4	Is the reporting entity publicly traded or a member of a publicly traded group	?		Yes [	] No [ X ]
1.5	If the response to 1.4 is yes, provide the CIK (Central Index Key) code issue	ed by the SEC for the entity/group.	<u> </u>		
2.1	Has any change been made during the year of this statement in the charter reporting entity?			Yes [	] No [ X ]
2.2	If yes, date of change:		<u> </u>		
3.1	State as of what date the latest financial examination of the reporting entity	was made or is being made		12/31/	′2021
3.2	State the as of date that the latest financial examination report became ava entity. This date should be the date of the examined balance sheet and not			12/31/	/2016
3.3	State as of what date the latest financial examination report became available domicile or the reporting entity. This is the release date or completion date of examination (balance sheet date).	of the examination report and not t	he date of the	01/11/	/2018
3.4	By what department or departments? State of Ohio Department of Insurance				
3.5	Have all financial statement adjustments within the latest financial examinal statement filed with Departments?			[ ] No [	] N/A [ X ]
3.6	Have all of the recommendations within the latest financial examination repo	ort been complied with?	Yes	[ ] No [	] N/A [ X ]
4.1		of the reporting entity), receive cre sured on direct premiums) of: new business?	dit or commissions for or contr	Yes [	] No [ X ]
4.2	4.12 renewals  During the period covered by this statement, did any sales/service organiza receive credit or commissions for or control a substantial part (more than 20 premiums) of:		ne reporting entity or an affiliate		] No [ X ]
	4.21 sales of r	new business??			] No [ X ] ] No [ X ]
5.1	Has the reporting entity been a party to a merger or consolidation during the If yes, complete and file the merger history data file with the NAIC.	period covered by this statement	?	Yes [	] No [ X ]
5.2	If yes, provide the name of the entity, NAIC Company Code, and state of do ceased to exist as a result of the merger or consolidation.	micile (use two letter state abbrevi	iation) for any entity that has		
	1 Name of Entity	2 NAIC Company Code	3 State of Domicile		
6.1	Has the reporting entity had any Certificates of Authority, licenses or registrarevoked by any governmental entity during the reporting period?				] No [ X ]
6.2	If yes, give full information:				
7.1	Does any foreign (non-United States) person or entity directly or indirectly or				] No [ X ]
7.2	If yes, 7.21 State the percentage of foreign control;	ity is a mutual or reciprocal, the na	tionality of its manager or		_ %
	1 Nationality	2 Type of Er	ntity		

### **GENERAL INTERROGATORIES**

	GENERAL	INTERROGATO	KIES						
8.1 8.2	Is the company a subsidiary of a depository institution holding comp If the response to 8.1 is yes, please identify the name of the DIHC.		•				Yes [	] No	[ X ]
8.3 8.4	Is the company affiliated with one or more banks, thrifts or securities If response to 8.3 is yes, please provide below the names and locat regulatory services agency [i.e. the Federal Reserve Board (FRB), Insurance Corporation (FDIC) and the Securities Exchange Commit	s firms? tion (city and state of the main office) o the Office of the Comptroller of the Cur	of any affiliates re rrency (OCC), th	gulate	d by a fe	deral	Yes [ X	] No	[ ]
	1	2		3	4	5	6	1	
	Affiliate Name	Location (City, State)		FRB	OCC	FDIC			
	Barings LLC					NO	YES		
	Baring International Investment Limited								
	MM Ascend Life Investors Services LLC								
	MML Distributors LLC								
	MML Investment Advisors LLC	Springfield, MA		NO	NO	NO	YES		
	MML Investors Services LLC								
	MML Strategic Distributors LLC	. Springfield, MA		NO	NO	NO	YES		
	The MassMutual Trust Company OCC	Enfield, CT		NO	YES	NO	NO		
	Flourish Financial LLC								
								<u> </u>	
8.5	Is the reporting entity a depository institution holding company with Federal Reserve System or a subsidiary of the depository institution	n holding company?				of	Yes [	] No	[ X ]
8.6	If response to 8.5 is no, is the reporting entity a company or subsidirederal Reserve Board's capital rule?					Yes [	] No [ 2	X ] N/	Ά[
9.	What is the name and address of the independent certified public a KPMG LLP, 191 W. Nationwide Blvd, Suite 500, Columnbus, Ohio	43215							
10.1	Has the insurer been granted any exemptions to the prohibited non- requirements as allowed in Section 7H of the Annual Financial Rep law or regulation?	orting Model Regulation (Model Audit F	Rule), or substar	ntially s	imilar sta	ate	Yes [	] No	[ X ]
10.2	If the response to 10.1 is yes, provide information related to this exe								
10.3 10.4	Has the insurer been granted any exemptions related to the other reallowed for in Section 18A of the Model Regulation, or substantially If the response to 10.3 is yes, provide information related to this exe	equirements of the Annual Financial Resimilar state law or regulation? emption:	eporting Model F	Regulat	ion as		Yes [	] No	[ X ]
10.5 10.6 11.	Has the reporting entity established an Audit Committee in complian If the response to 10.5 is no or n/a, please explain Pursuant to Ohio Administrative Code section 3901-1-50 (Model Au Mutual Life Insurance Company, the reporting entity's ultimate pare What is the name, address and affiliation (officer/employee of the refirm) of the individual providing the statement of actuarial opinion/ce Isaac Cezar Hall, 191 Rosa Parks Street, Cincinnati, Ohio 45202, A	nce with the domiciliary state insurance undit Rule), the Audit Committee of the Ent, serves as its Audit Committee eporting entity or actuary/consultant as entification?	Board of Director	rs of M	assachu	Yes [ setts 	] No [ ]	X ] N/	' ] A'
12.1	Does the reporting entity own any securities of a real estate holding	company or otherwise hold real estate	e indirectly?				Yes [	] No	[ X ]
	12.11 Name of re	al estate holding company See 12.2	2						
		parcels involved							
	12.13 Total book/	'adjusted carrying value					\$		
12.2	If, yes provide explanation: The company has investments in debt securities in 34 parcels, whic 2022 of debt is \$90,118,818.	ch own or hold real estate indirectly. The	he statement val	lue at [	Decembe	er 30,			
13.	FOR UNITED STATES BRANCHES OF ALIEN REPORTING ENT								
13.1	What changes have been made during the year in the United States	s manager or the United States trustee	-						
13.2	Does this statement contain all business transacted for the reporting	g entity through its United States Brand	ch on risks where	ever lo	cated?		Yes [	] No	[ X ]
13.3	Have there been any changes made to any of the trust indentures d	- ·					Yes [	] No	[ X ]
13.4	If answer to (13.3) is yes, has the domiciliary or entry state approved						] No [	] N/	Ά[Χ]
14.1	Are the senior officers (principal executive officer, principal financial similar functions) of the reporting entity subject to a code of ethics, va. Honest and ethical conduct, including the ethical handling of acturelationships;	which includes the following standards ual or apparent conflicts of interest betw	?veen personal a	nd prof			Yes [ X	] No	[ ]
	b. Full, fair, accurate, timely and understandable disclosure in the p		he reporting entit	ty;					
	<ul> <li>c. Compliance with applicable governmental laws, rules and regulat</li> <li>d. The prompt internal reporting of violations to an appropriate perse</li> <li>e. Accountability for adherence to the code.</li> </ul>		nd						
14.11	If the response to 14.1 is No, please explain:								
	Has the code of ethics for senior managers been amended?  If the response to 14.2 is yes, provide information related to amende						Yes [	] No	[ X ]

## **GENERAL INTERROGATORIES**

	SVO Bank List? If the response t	entity the beneficiary of a Letter of Credit that is unrelated to re	BA) Routing Number	and the name of the issuing or confirming	Yes [	] No	[ X ]
	bank of the Lette	er of Credit and describe the circumstances in which the Lette	er of Credit is triggere	ed.			
	1 American Bankers Association (ABA) Routing	2		3	2	4	
	Number	Issuing or Confirming Bank Name		That Can Trigger the Letter of Credit		ount	
		BOARD O	F DIRECTOR	S			
6.		or sale of all investments of the reporting entity passed upon			Yes [ X	] No	[
7.	thereof?	ing entity keep a complete permanent record of the proceedin	·····		Yes [ X	] No	[
8.	part of any of its	g entity an established procedure for disclosure to its board o officers, directors, trustees or responsible employees that is i	in conflict or is likely	to conflict with the official duties of such	Yes [ X	1 No	1
	porcon:					,	
			ANCIAL				
9.	Has this statement Accounting Prince	ent been prepared using a basis of accounting other than Stat ciples)?	tutory Accounting Pri	inciples (e.g., Generally Accepted	Yes [	] No	[ X
0.1		aned during the year (inclusive of Separate Accounts, exclusive					
				20.12 To stockholders not officers	\$		
				20.13 Trustees, supreme or grand (Fraternal Only)	\$		
).2	Total amount of	loans outstanding at the end of year (inclusive of Separate A	ccounts, exclusive of	•			
	policy loans):	, , , , , , , , , , , , , , , , , , , ,		20.21 To directors or other officers			
				20.22 To stockholders not officers 20.23 Trustees, supreme or grand (Fraternal Only)	·		
1.1	Were any assets obligation being	s reported in this statement subject to a contractual obligation reported in the statement?	to transfer to anothe	er party without the liability for such			
1.2	If yes, state the	amount thereof at December 31 of the current year:		21.21 Rented from others	.\$		
				21.22 Borrowed from others			
				21.23 Leased from others			
	Dana Maia atatan			21.24 Other	.\$		
2.1	quaranty associa	nent include payments for assessments as described in the A ation assessments?	innual Statement Ins	tructions other than guaranty fund or	Yes [	1 No	ſχ
2.2	If answer is yes:		22	2.21 Amount paid as losses or risk adjustment	\$		
				2.22 Amount paid as expenses			
				2.23 Other amounts paid			
3.1		ing entity report any amounts due from parent, subsidiaries or					
3.2 4.1	Does the insure	ny amounts receivable from parent included in the Page 2 and rutilize third parties to pay agent commissions in which the ar	mounts advanced by	the third parties are not settled in full within	. \$ Yes [		,
4.2		to 24.1 is yes, identify the third-party that pays the agents and			103 [	, 110	[ A
			Is the	$\overline{}$			
		Name of Third Porty	Third-Party Age a Related Part				
		Name of Third-Party	(Yes/No)				
		INVE	STMENT				
.01		cks, bonds and other securities owned December 31 of currelession of the reporting entity on said date? (other than securiti			Yes [ X	1 No	ſ

# **GENERAL INTERROGATORIES**

25.02	If no, give full and complete information relating thereto	
25.03	For securities lending programs, provide a description of the program including value for collateral and amount of loaned securities, and whether collateral is carried on or off-balance sheet. (an alternative is to reference Note 17 where this information is also provided)  N/A	
25.04	For the reporting entity's securities lending program, report amount of collateral for conforming programs as outlined in the Risk-Based Capital Instructions.	
25.05	For the reporting entity's securities lending program, report amount of collateral for other programs.	\$
25.06	Does your securities lending program require 102% (domestic securities) and 105% (foreign securities) from the counterparty at the outset of the contract?	] No [ ] N/A [ X ]
25.07	Does the reporting entity non-admit when the collateral received from the counterparty falls below 100%?	] No [ ] N/A [ X
25.08	Does the reporting entity or the reporting entity 's securities lending agent utilize the Master Securities lending Agreement (MSLA) to conduct securities lending?	] No [ ] N/A [ X
25.09	For the reporting entity's securities lending program state the amount of the following as of December 31 of the current year:	
	25.091 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2	.\$
26.1	Were any of the stocks, bonds or other assets of the reporting entity owned at December 31 of the current year not exclusively under the control of the reporting entity or has the reporting entity sold or transferred any assets subject to a put option contract that is currently in force? (Exclude securities subject to Interrogatory 21.1 and 25.03).	Yes [ X ] No [ ]
26.2	If yes, state the amount thereof at December 31 of the current year:  26.21 Subject to reverse repurchase agreements 26.22 Subject to dollar repurchase agreements 26.23 Subject to reverse dollar repurchase agreements 26.24 Subject to reverse dollar repurchase agreements 26.25 Placed under option agreements 26.26 Letter stock or securities restricted as to sale - excluding FHLB Capital Stock 26.27 FHLB Capital Stock 26.28 On deposit with states 26.29 On deposit with other regulatory bodies 26.30 Pledged as collateral - excluding collateral pledged an FHLB 26.31 Pledged as collateral to FHLB - including assets backing funding agreements 26.32 Other	\$
26.3	For category (26.26) provide the following:	
	1 2 Nature of Restriction Description  Restricted by contractual agreements	3 Amount
	riestricted by contractual agreements	
27.1	Does the reporting entity have any hedging transactions reported on Schedule DB?	Yes [ X ] No [ ]
27.2	If yes, has a comprehensive description of the hedging program been made available to the domiciliary state?	X ] No [ ] N/A [
NES 2	7.3 through 27.5: FOR LIFE/FRATERNAL REPORTING ENTITIES ONLY:	
27.3	Does the reporting entity utilize derivatives to hedge variable annuity guarantees subject to fluctuations as a result of interest rate sensitivity? .	Yes [ ] No [ X ]
27.4	If the response to 27.3 is YES, does the reporting entity utilize:  27.41 Special accounting provision of SSAP No. 108	
27.5		Yes [ ] No [ ]
	By responding YES to 27.41 regarding utilizing the special accounting provisions of SSAP No. 108, the reporting entity attests to the following:  The reporting entity has obtained explicit approval from the domiciliary state.  Hedging strategy subject to the special accounting provisions is consistent with the requirements of VM-21.  Actuarial certification has been obtained which indicates that the hedging strategy is incorporated within the establishment of VM-21 reserves and provides the impact of the hedging strategy within the Actuarial Guideline Conditional Tail Expectation Amount.  Financial Officer Certification has been obtained which indicates that the hedging strategy meets the definition of a Clearly Defined Hedging Strategy within VM-21 and that the Clearly Defined Hedging Strategy is the hedging strategy being used by the company in its actual day-to-day risk mitigation efforts.	Yes [ ] No [ ]
28.1	<ul> <li>The reporting entity has obtained explicit approval from the domiciliary state.</li> <li>Hedging strategy subject to the special accounting provisions is consistent with the requirements of VM-21.</li> <li>Actuarial certification has been obtained which indicates that the hedging strategy is incorporated within the establishment of VM-21 reserves and provides the impact of the hedging strategy within the Actuarial Guideline Conditional Tail Expectation Amount.</li> <li>Financial Officer Certification has been obtained which indicates that the hedging strategy meets the definition of a Clearly Defined Hedging Strategy within VM-21 and that the Clearly Defined Hedging Strategy is the hedging strategy being used by the company in</li> </ul>	Yes [ ] No [ ]
28.1	<ul> <li>The reporting entity has obtained explicit approval from the domiciliary state.</li> <li>Hedging strategy subject to the special accounting provisions is consistent with the requirements of VM-21.</li> <li>Actuarial certification has been obtained which indicates that the hedging strategy is incorporated within the establishment of VM-21 reserves and provides the impact of the hedging strategy within the Actuarial Guideline Conditional Tail Expectation Amount.</li> <li>Financial Officer Certification has been obtained which indicates that the hedging strategy meets the definition of a Clearly Defined Hedging Strategy within VM-21 and that the Clearly Defined Hedging Strategy is the hedging strategy being used by the company in its actual day-to-day risk mitigation efforts.</li> </ul> Were any preferred stocks or bonds owned as of December 31 of the current year mandatorily convertible into equity, or, at the option of the	Yes [ ] No [ ] Yes [ ] No [ ]
	<ul> <li>The reporting entity has obtained explicit approval from the domiciliary state.</li> <li>Hedging strategy subject to the special accounting provisions is consistent with the requirements of VM-21.</li> <li>Actuarial certification has been obtained which indicates that the hedging strategy is incorporated within the establishment of VM-21 reserves and provides the impact of the hedging strategy within the Actuarial Guideline Conditional Tail Expectation Amount.</li> <li>Financial Officer Certification has been obtained which indicates that the hedging strategy meets the definition of a Clearly Defined Hedging Strategy within VM-21 and that the Clearly Defined Hedging Strategy is the hedging strategy being used by the company in its actual day-to-day risk mitigation efforts.</li> <li>Were any preferred stocks or bonds owned as of December 31 of the current year mandatorily convertible into equity, or, at the option of the issuer, convertible into equity?</li> </ul>	Yes [ ] No [ ]  Yes [ ] No [ ]  Yes [ ] No [ X ]
28.2 29.	<ul> <li>The reporting entity has obtained explicit approval from the domiciliary state.</li> <li>Hedging strategy subject to the special accounting provisions is consistent with the requirements of VM-21.</li> <li>Actuarial certification has been obtained which indicates that the hedging strategy is incorporated within the establishment of VM-21 reserves and provides the impact of the hedging strategy within the Actuarial Guideline Conditional Tail Expectation Amount.</li> <li>Financial Officer Certification has been obtained which indicates that the hedging strategy meets the definition of a Clearly Defined Hedging Strategy within VM-21 and that the Clearly Defined Hedging Strategy is the hedging strategy being used by the company in its actual day-to-day risk mitigation efforts.</li> <li>Were any preferred stocks or bonds owned as of December 31 of the current year mandatorily convertible into equity, or, at the option of the issuer, convertible into equity?</li> <li>If yes, state the amount thereof at December 31 of the current year.</li> <li>Excluding items in Schedule E - Part 3 - Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F.</li> </ul>	Yes [ ] No [ ]  Yes [ ] No [ ]  Yes [ ] No [ X ]
28.2 29.	<ul> <li>The reporting entity has obtained explicit approval from the domiciliary state.</li> <li>Hedging strategy subject to the special accounting provisions is consistent with the requirements of VM-21.</li> <li>Actuarial certification has been obtained which indicates that the hedging strategy is incorporated within the establishment of VM-21 reserves and provides the impact of the hedging strategy within the Actuarial Guideline Conditional Tail Expectation Amount.</li> <li>Financial Officer Certification has been obtained which indicates that the hedging strategy meets the definition of a Clearly Defined Hedging Strategy within VM-21 and that the Clearly Defined Hedging Strategy is the hedging strategy being used by the company in its actual day-to-day risk mitigation efforts.</li> <li>Were any preferred stocks or bonds owned as of December 31 of the current year mandatorily convertible into equity, or, at the option of the issuer, convertible into equity?</li> <li>If yes, state the amount thereof at December 31 of the current year.</li> <li>Excluding items in Schedule E - Part 3 - Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F. Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC Financial Condition Examiners Handbook?</li></ul>	Yes [ ] No [ ]  Yes [ ] No [ ]  Yes [ ] No [ X ] \$  Yes [ X ] No [ ]

### **GENERAL INTERROGATORIES**

9.02	For all agreements that do not comply with the requirements of the NAIC Financial Condition Examiners Handbook, provide the name, location
	and a complete explanation:

1	2	3
Name(s)	Location(s)	Complete Explanation(s)

29.03 Have there been any changes, including name changes, in the custodian(s) identified in 29.01 during the current year?..... Yes [ ] No [ X ] 29.04 If yes, give full and complete information relating thereto:

	<u> </u>	J	4
Old Custodian	New Custodian	Date of Change	Reason

29.05 Investment management – Identify all investment advisors, investment managers, broker/dealers, including individuals that have the authority to make investment decisions on behalf of the reporting entity. For assets that are managed internally by employees of the reporting entity, note as such. ["...that have access to the investment accounts"; "...handle securities"]

1	2
Name of Firm or Individual	Affiliation
Barings LLC	A

29.0597 For those firms/individuals listed in the table for Question 29.05, do any firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") manage more than 10% of the reporting entity's invested assets?.

Yes [ ] No [ X ]

29.0598 For firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") listed in the table for Question 29.05, does the total assets under management aggregate to more than 50% of the reporting entity's invested assets?.....

Yes [ ] No [ X ]

29.06 For those firms or individuals listed in the table for 29.05 with an affiliation code of "A" (affiliated) or "U" (unaffiliated), provide the information for the table below.

1	2	3	4	5
				Investment
				Management
Central Registration				Agreement
Depository Number	Name of Firm or Individual	Legal Entity Identifier (LEI)	Registered With	(IMA) Filed
106006	Barings LLC	549300G36F1EZS4MQM37	SEC	DS
	<u> </u>			

Does the reporting entity have any diversified mutual funds reported in Schedule D, Part 2 (diversified according to the Securities and Exchange Commission (SEC) in the Investment Company Act of 1940 [Section 5(b)(1)])?

Yes [ ] No [ X ]

If yes, complete the following schedule:

1	2	3
		Book/Adjusted
CUSIP#	Name of Mutual Fund	Carrying Value
30.2999 - Total		0

30.3 For each mutual fund listed in the table above, complete the following schedule:

1	2	3	4
		Amount of Mutual	
		Fund's Book/Adjusted	
		Carrying Value	
	Name of Significant Holding of the	Attributable to the	Date of
Name of Mutual Fund (from above table)	Mutual Fund	Holding	Valuation

## **GENERAL INTERROGATORIES**

31. Provide the following information for all short-term and long-term bonds and all preferred stocks. Do not substitute amortized value or statement value for fair value.

	1	2	3
			Excess of Statement
			over Fair Value (-), or
	Statement (Admitted)		Fair Value over
	Value	Fair Value	Statement (+)
31.1 Bonds	2,369,851,628	2,196,564,729	(173,286,899)
31.2 Preferred stocks	4,000,000	4,052,800	52,800
31.3 Totals	2,373,851,628	2,200,617,529	(173,234,099)

The Fair Value of securities is obtained using quoted market prices when available. If not available, estimated fair value is based on values provided by other third-party organizations. If values provided by other third-party organizations are unavailable, fair value is estimated using internal models by discounting future cash flows using observable current market rates applicable to yield, credit quality and maturity of the investment or using quoted market values for comparable investments. Internal inputs used in the determination of fair value include estimated prepayment speeds, default rates, discount rates and collateral values, among others. Structure Characteristics and results of cash flow priority are also considered.  32.1 Was the rate used to calculate fair value determined by a broker or custodian for any of the securities in Schedule D?  32.2 If the answer to 32.1 is yes, does the reporting entity have a copy of the broker's or custodian's pricing policy (hard copy or electronic copy) for all brokers or custodians used as a pricing source?  32.3 If the answer to 32.2 is no, describe the reporting entity's process for determining a reliable pricing source for purposes of disclosure of fair value for Schedule D:  33.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed?  Yes [ X ] No [							
provided by other third-party organizations. If values provided by other third-party organizations are unavailable, fair value is estimated using internal modes by discounting future cash flows sign observable current market rates applicable to yeld, credit quality and mutury of the investment or using quoted market values for comparable investments. Internal inputs used in the determination of fair value include estimated prepayment speech, dedular fates, decount rates and collateral values, among others. Sincurue Characteristics and results of cash flow priority are also considered.  32.1 Was the rate used to calculate fair value determined by a broker or custodian for any of the securities in Schedule D?  32.2 If the answer to 32.2 is yes, does the reporting entity have a copy of the broker's or custodian's pricing policy (hard copy or electronic copy) for all brokers or custodians used as a pricing source?  32.3 If the answer to 32.2 is no, describe the reporting entity's process for determining a reliable pricing source for purposes of disclosure of fair value for Schedule D?  33.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed?  34. By self-designating SGI securities, the reporting entity is certifying the following elements of each self-designated SGI security:  35. By self-designating SGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security:  36. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.  37. Has the reporting entity is not available.  38. The investment is a minimal to pay an actual principal payments.  39. The reporting entity is not available of the security of the security and principal payments.  39. The reporting entity is not permitted to share this cerdit rating segment by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the hissurer and available for exam	31.4	Describe the sources or methods utilized in determining the fair values:					
32.2 If the answer to 32.1 is yes, does the reporting entity have a copy of the broker's or custodian's pricing policy (hard copy or electronic copy) for all brokers or custodians used as a pricing source?  32.3 If the answer to 32.2 is no, describe the reporting entity's process for determining a reliable pricing source for purposes of disclosure of fair value for Schedule D:  33.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed?  33.2 If no, list exceptions:  34. By self-designating 5GI securities, the reporting entity is certifying the following elements of each self-designated 5GI security:  a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.  b. Issuer or obligor is current on all contracted interest and principal payments.  c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.  Has the reporting entity self-designated SGI securities?  35. By self-designating PLGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security:  a. The security was purchased prior to January 1, 2018.  b. The reporting entity is not demitted to share this credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.  d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.  Has the reporting entity is not permitted to share this credit rating of the PL security with the SVO.  Has the reporting entity is holding capital commensurate with the NAIC Designation reported for the security.  c. The security had a public credit rating (s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.  d. The turner provide in the		provided by other third-party organizations. If values provided by other third-party organizations are unavailable, fair value is estimated using internal models by discounting future cash flows using observable current market rates applicable to yield, credit quality and maturity of the investment or using quoted market values for comparable investments. Internal inputs used in the determination of fair value include estimated prepayment speeds, default rates, discount rates and collateral values, among others. Structure Characteristics and results of cash					
all brokers or custodians used as a pricing source?	32.1	Was the rate used to calculate fair value determined by a broker or custodian for any of the securities in Schedule D?	Yes	[ X	]	No [	]
<ul> <li>value for Schedule D:</li> <li>33.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed?</li></ul>	32.2		Yes	[ X	]	No [	]
33.2 If no, list exceptions:  34. By self-designating 5GI securities, the reporting entity is certifying the following elements of each self-designated 5GI security:  a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available. b. Issuer or boligor is current on all contracted interest and principal payments. c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal. Has the reporting entity self-designated 5GI securities?  35. By self-designating PLGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security: a. The security was purchased prior to January 1, 2018. b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security. c. The NAIC Designation was derived from the credit rating self end per by security with the SVO. Has the reporting entity is not permitted to share this credit rating of the PL security with the SVO. Has the reporting entity is not permitted to share this credit rating of the PL security with the SVO. Has the reporting entity is not permitted to share this credit rating of the PL security with the SVO.  4. The shares were purchased prior to January 1, 2019. b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security. c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019. d. The fund only or predominantly holds bonds in its portfolio. e. The evernation of the security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.  37. By rolling/renewing short-term or cash equivalent investments with continued reporting on Schedule DA, Part 1 or Schedule EA Part 2 (identified through a code (%) in those investments swith continued	32.3	value for Schedule D:					
a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available. b. Issuer or obligor is current on all contracted interest and principal payments. c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal. Has the reporting entity self-designated GGI securities?		•	Yes	[ X	]	No [	]
35. By self-designating PLGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security:  a. The security was purchased prior to January 1, 2018.  b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.  c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.  d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.  Has the reporting entity self-designated PLGI securities?  36. By assigning FE to a Schedule BA non-registered private fund, the reporting entity is certifying the following elements of each self-designated FE fund:  a. The shares were purchased prior to January 1, 2019.  b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.  c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.  d. The fund only or predominantly holds bonds in its portfolio.  e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.  The public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.  The public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.  37. By rolling/renewing short-term or cash equivalent investments with continued reporting on Schedule DA, Part 1 or Schedule E Part 2 (identified through a code (%) in those investment schedules), the reporting entity is certifying to the following:  a. The investment is with a related party or onaffiliate, then it reflects an arms-length transaction with rene	34.	<ul> <li>a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.</li> <li>b. Issuer or obligor is current on all contracted interest and principal payments.</li> <li>c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.</li> </ul>					
a. The security was purchased prior to January 1, 2018. b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security. c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators. d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO. Has the reporting entity self-designated PLGI securities?  36. By assigning FE to a Schedule BA non-registered private fund, the reporting entity is certifying the following elements of each self-designated FE fund: a. The shares were purchased prior to January 1, 2019. b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security. c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019. d. The fund only or predominantly holds bonds in its portfolio. e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO. f. The public credit rating(s) with annual surveillance assigned by an NAIC CRP has not lapsed. Has the reporting entity assigned FE to Schedule BA non-registered private funds that complied with the above criteria?  Yes [ ] No [ )  By rolling/renewing short-term or cash equivalent investments with continued reporting on Schedule DA, Part 1 or Schedule E Part 2 (identified through a code (%) in those investment schedules), the reporting entity is certifying to the following: a. The investment is with a related party or nonaffiliate, then it reflects an arms-length transaction with renewal completed at the discretion of all involved parties.  c. If the investment is with a related party or nonaffiliate, then it reflects an arms-length transaction with re		Has the reporting entity self-designated 5GI securities?	Yes	[	]	No [ X	]
36. By assigning FE to a Schedule BA non-registered private fund, the reporting entity is certifying the following elements of each self-designated FE fund:  a. The shares were purchased prior to January 1, 2019.  b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.  c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.  d. The fund only or predominantly holds bonds in its portfolio.  e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.  f. The public credit rating(s) with annual surveillance assigned by an NAIC CRP has not lapsed.  Has the reporting entity assigned FE to Schedule BA non-registered private funds that complied with the above criteria?	35.	<ul> <li>a. The security was purchased prior to January 1, 2018.</li> <li>b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.</li> <li>c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.</li> <li>d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.</li> </ul>					
FÉ fund:  a. The shares were purchased prior to January 1, 2019.  b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.  c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.  d. The fund only or predominantly holds bonds in its portfolio.  e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.  f. The public credit rating(s) with annual surveillance assigned by an NAIC CRP has not lapsed.  Has the reporting entity assigned FE to Schedule BA non-registered private funds that complied with the above criteria?			Yes	l	]	NO [ X	J
<ul> <li>(identified through a code (%) in those investment schedules), the reporting entity is certifying to the following:</li> <li>a. The investment is a liquid asset that can be terminated by the reporting entity on the current maturity date.</li> <li>b. If the investment is with a nonrelated party or nonaffiliate, then it reflects an arms-length transaction with renewal completed at the discretion of all involved parties.</li> <li>c. If the investment is with a related party or affiliate, then the reporting entity has completed robust re-underwriting of the transaction for which documentation is available for regulator review.</li> <li>d. Short-term and cash equivalent investments that have been renewed/rolled from the prior period that do not meet the criteria in 37.a - 37.c are reported as long-term investments.</li> </ul>	36.	<ul> <li>FE fund: <ul> <li>a. The shares were purchased prior to January 1, 2019.</li> <li>b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.</li> <li>c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.</li> <li>d. The fund only or predominantly holds bonds in its portfolio.</li> <li>e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.</li> <li>f. The public credit rating(s) with annual surveillance assigned by an NAIC CRP has not lapsed.</li> </ul> </li> </ul>	Yes	[	]	No [ X	]
	37.	<ul> <li>(identified through a code (%) in those investment schedules), the reporting entity is certifying to the following:</li> <li>a. The investment is a liquid asset that can be terminated by the reporting entity on the current maturity date.</li> <li>b. If the investment is with a nonrelated party or nonaffiliate, then it reflects an arms-length transaction with renewal completed at the discretion of all involved parties.</li> <li>c. If the investment is with a related party or affiliate, then the reporting entity has completed robust re-underwriting of the transaction for which documentation is available for regulator review.</li> <li>d. Short-term and cash equivalent investments that have been renewed/rolled from the prior period that do not meet the criteria in 37.a - 37.c are reported as long-term investments.</li> </ul>	] N	o [ ]	X ]	N/A [	]

# **GENERAL INTERROGATORIES**

Does the reporting entity directly hold cryptocurrencies?			Yes [	]	No [	Х ]
If the response to 38.1 is yes, on what schedule are they reported?						
Does the reporting entity directly or indirectly accept cryptocurrencies as payments for	premiums on policies?		Yes [	]	No [	Х ]
2 If the response to 39.1 is yes, are the cryptocurrencies held directly or are they immediately converted to U.S. dollars?  39.21 Held directly						]
If the response to 38.1 or 39.1 is yes, list all cryptocurrencies accepted for payments of	of premiums or that are held direct	etly.				
1  Name of Cryptocurrency	2 Immediately Converted to USD, Directly Held, or Both	3 Accepted for Payment of Premiums				
			•			
List the name of the organization and the amount paid if any such payment represente	ed 25% or more of the total payms statement.	ents to trade associati				
	•	<u> </u>	•			
1 Name	Amo	2 ount Paid				
Amount of payments for expenditures in connection with matters before legislative boo	dies, officers or departments of g	overnment, if any?	\$			
1 Name		2 ount Paid				
	If the response to 38.1 is yes, on what schedule are they reported?  Does the reporting entity directly or indirectly accept cryptocurrencies as payments for if the response to 39.1 is yes, are the cryptocurrencies held directly or are they immed 39.21 Held directly	If the response to 38.1 is yes, on what schedule are they reported?  Does the reporting entity directly or indirectly accept cryptocurrencies as payments for premiums on policies?	If the response to 38.1 is yes, on what schedule are they reported?  Does the reporting entity directly or indirectly accept cryptocurrencies as payments for premiums on policies?  If the response to 39.1 is yes, are the cryptocurrencies held directly or are they immediately converted to U.S. dollars?  39.22 Immediately converted to U.S. dollars  If the response to 38.1 or 39.1 is yes, list all cryptocurrencies accepted for payments of premiums or that are held directly.  I 2 3 4 Accepted for Payment of Ornetted to U.S. Directly Held, or Both Premiums  OTHER  Amount of payments to trade associations, service organizations and statistical or rating bureaus, if any?  List the name of the organization and the amount paid if any such payment represented 25% or more of the total payments to trade associations ervice organizations and statistical or rating bureaus during the period covered by this statement.  1 1 2 2 Amount Paid  Amount of payments for legal expenses, if any?  List the name of the firm and the amount paid if any such payment represented 25% or more of the total payments for legal expenses during the period covered by this statement.  1 1 2 2 Amount Paid  Amount of payments for expenditures in connection with matters before legislative bodies, officers or departments of government, if any?  List the name of the firm and the amount paid if any such payment represented 25% or more of the total payments for legal expenses during the period covered by this statement.	If the response to 38.1 is yes, on what schedule are they reported?  Does the reporting entity directly or indirectly accept cryptocurrencies as payments for premiums on policies?  Yes [ If the response to 39.1 is yes, are the cryptocurrencies held directly or are they immediately converted to U.S. dollars?  39.21 Held directly.  Yes [ If the response to 38.1 or 39.1 is yes, list all cryptocurrencies accepted for payments of premiums or that are held directly.  I 2 Immediately Accepted for Payment of Converted to USD, Payment of Premiums  OTHER  Amount of payments to trade associations, service organizations and statistical or rating bureaus, if any?  S It the name of the organization and the amount paid if any such payment represented 25% or more of the total payments to trade associations, service organizations and statistical or rating bureaus during the period covered by this statement.  Amount of payments for legal expenses, if any?  \$ List the name of the firm and the amount paid if any such payment represented 25% or more of the total payments for legal expenses during the period covered by this statement.  Amount of payments for expenditures in connection with matters before legislative bodies, officers or departments of government, if any?  \$ List the name of the firm and the amount paid if any such payment represented 25% or more of the total payments for legal expenses during the period covered by this statement.	If the response to 38.1 is yes, on what schedule are they reported?  Does the reporting entity directly or indirectly accept cryptocurrencies as payments for premiums on policies?  If the response to 39.1 is yes, are the cryptocurrencies held directly or are they immediately converted to U.S. dollars?  39.21 Held directly.  39.22 Immediately converted to U.S. dollars.  Yes [ ]  If the response to 38.1 or 39.1 is yes, list all cryptocurrencies accepted for payments of premiums or that are held directly.  1	If the response to 38.1 is yes, on what schedule are they reported?  Does the reporting entity directly or indirectly accept cryptocurrencies as payments for premiums on policies?  Ves [ ] No [ If the response to 39.1 is yes, are the cryptocurrencies held directly or are they immediately converted to U.S. dollars?  39.2! Held directly  39.2! minediately converted to U.S. dollars  (**es [ ] No [ If the response to 38.1 or 39.1 is yes, list all cryptocurrencies accepted for payments of premiums or that are held directly.  1

## **GENERAL INTERROGATORIES**

### PART 2 - LIFE, ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES INTERROGATORIES

ife, Ac 1.1	ccident and Health Companies/Fraternal Benefit Societies:  Does the reporting entity have any direct Medicare Supplement Insurance in for	rce?	Yes [ ] No [ X ]
1.2	If yes, indicate premium earned on U.S. business only		\$
1.3	What portion of Item (1.2) is not reported on the Medicare Supplement Insurance 1.31 Reason for excluding:	•	\$
1.4	Indicate amount of earned premium attributable to Canadian and/or Other Alier		\$
1.5	Indicate total incurred claims on all Medicare Supplement insurance		\$0
1.6	Individual policies:	Most current three years:	
		·	\$
			\$0
		1.63 Number of covered lives	(
		All years prior to most current three	=
			\$
		1.65 Total incurred claims	\$
		1.66 Number of covered lives	(
1.7	Group policies:	Most current three years:	
		1.71 Total premium earned	\$C
		1.72 Total incurred claims	\$C
		1.73 Number of covered lives	
		All years prior to most current three	e vears
			\$
			\$
			(
		1.70 Number of covered lives	
2.	Health Test:		
۷.	ricaliti rest.	1 2	
		Current Year Prior Year	
	2.1 Premium Numerator		
	2.2 Premium Denominator		8
	2.3 Premium Ratio (2.1/2.2)		
	2.4 Reserve Numerator		
	2.5 Reserve Denominator		
	2.6 Reserve Ratio (2.4/2.5)		
	2.0 Reserve Ratio (2.4/2.3)		•
3.1	Does this reporting entity have Separate Accounts?		Yes [ X ] No [ ]
2.2	If yes, has a Separate Accounts Statement been filed with this Department?		V
3.2	il yes, has a Separate Accounts Statement been liled with this Department?		Yes [ X ] No [ ] N/A [
3.3	What portion of capital and surplus funds of the reporting entity covered by associate distributable from the Separate Accounts to the general account for use by the	ets in the Separate Accounts statement, is not current	.ly s 61
			······································
3.4	State the authority under which Separate Accounts are maintained: State of Ohio Department of Insurance. Also, registered with the Securities and	Exchange Commission	
3.5	Was any of the reporting entity's Separate Accounts business reinsured as of D	ecember 312	V 1 NA [ ] 94V
ວ.ວ			
3.6	Has the reporting entity assumed by reinsurance any Separate Accounts busine	ess as of December 31?	Yes [ ] No [ X ]
3.7	If the reporting entity has assumed Separate Accounts business, how much, if a Accounts reserve expense allowances is included as a negative amount in the (net)"?	liability for "Transfers to Separate Accounts due or ac	crued
4.	For reporting entities having sold annuities to another insurer where the insurer		ability from the
4.4	claimant (payee) as the result of the purchase of an annuity from the reporting of		•
4.1	Amount of loss reserves established by these annuities during the current year:		
4.2	List the name and location of the insurance company purchasing the annuities	and the statement value on the purchase date of the a	innuiues.
	1		2
		Sta	tement Value
		on F	Purchase Date
			f Annuities
	P&C Insurance Company And Local	tion (i.e.,	Present Value)

1	2 Statement Value on Purchase Date
	of Annuities
P&C Insurance Company And Location	(i.e., Present Value)

## **GENERAL INTERROGATORIES**

### PART 2 - LIFE, ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES INTERROGATORIES

5.1	Do you act as a custodian for health savings accour	nts?					Yes [ ]	No [ X ]
5.2	If yes, please provide the amount of custodial funds	held as of the re	eporting date				\$	
5.3	Do you act as an administrator for health savings ac	counts?					Yes [ ]	No [ X ]
5.4	If yes, please provide the balance of funds administration	ered as of the re	porting date				\$	
6.1 6.2	Are any of the captive affiliates reported on Schedul If the answer to 6.1 is yes, please provide the follow		orized reinsurers?			Yes [	] No [ ]	N/A [ X ]
	1	2	3	4	Assets	Supporting Reserv	e Credit	
	Company Name	NAIC Company Code	Domiciliary Jurisdiction	Reserve Credit	5 Letters of Credit	6 Trust Agreements	7 Other	
7.	Provide the following for individual ordinary life insurceded):	7.1 Direct Pre	emium Written				•	
			rred Claims of Covered Lives				•	
		7.5 Nulliber C	or Covered Lives					
			nary Life Insurance I					
	Term (whether full un							
	Whole Life (whether Variable Life (with or			et issue, snort to	orm app")			
	Universal Life (with o	r without second	ary gurarantee)					
	Variable Universal Li	fe (with or withou	ut secondary gurarar	itee)				
8.	Is the reporting entity licensed or chartered, register	ed, qualified, eliç	gible or writing busin	ess in at least two	o states?		Yes [ X ]	No [ ]
8.1	If no, does the reporting entity assume reinsurance	business that co	vers risks residina in	at least one stat	e other than the st	ate of domicile of		
	the reporting entity?						Yes [ ]	No [ X ]
ife, Ac	cident and Health Companies Only:							
9.1	Are personnel or facilities of this reporting entity use by this reporting entity (except for activities such as studies)?	administration of	f jointly underwritten	group contracts	and joint mortality	or morbidity		No [ ]
9.2	Net reimbursement of such expenses between repo	orting entities:						
				9.21 F	Paid		\$	11,597,520
				9.22 R	Received		\$	
10.1	December of the control of the contr						V [ ]	N F V 1
10.1	Does the reporting entity write any guaranteed interest	est contracts?					res [ ]	NO [ X ]
10.2	If yes, what amount pertaining to these lines is inclu	ded in:						
44	For stool, and ordinal patition calls			10.22	Page 4, Line 1		\$	
11.	For stock reporting entities only:							
11.1	Total amount paid in by stockholders as surplus fun	ds since organiz	ation of the reporting	entity:			\$1	171,550,000
12.	Total dividends paid stockholders since organization	n of the reporting	ı entity:					
	· · · · · · · · · · · · · · · · · · ·	o. a.o. opog	,,	12.11	Cash		\$	37,800,000
				12.12	Stock		\$	
			0.44					
13.1	Does the reporting entity reinsure any Workers' Cor Reinsurance (including retrocessional reinsurance) benefits of the occupational illness and accident exp written as workers' compensation insurance.	assumed by life	and health insurers	of medical, wage	loss and death		Yes [ ]	No [ X ]
13.2	If yes, has the reporting entity completed the Worke	rs' Compensatio	on Carve-Out Supple	ment to the Annu	ual Statement?		Yes [ ]	No [ X ]
13.3	If 13.1 is yes, the amounts of earned premiums and	claims incurred	in this statement are	ı:				
			1 Reinsurand		2 surance	3 Net		
			Assumed		eded	Retained		
	13.31 Earned premium							
	13.32 Paid claims							
	13.33 Claim liability and reserve (beginning of year) 13.34 Claim liability and reserve (end of year)							
	13.34 Claim liability and reserve (end of year)			Λ	Λ	٥٥		

## **GENERAL INTERROGATORIES**

# PART 2 - LIFE, ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES INTERROGATORIES

13.4	If reinsurance assumed included amounts with attachment points below \$1,000,000, the distribution 13.34 for Column (1) are:	of the amounts re	eported in Lines 13.31 and				
	Attachment	1 Earned	Claim Liability				
	Point	Premium	and Reserve				
	13.41 <\$25,000						
	13.42 \$25,000 - 99,999						
	13.43 \$100,000 - 249,999 13.44 \$250,000 - 999,999						
	44.000.000						
13.5	What portion of earned premium reported in 13.31, Column 1 was assumed from pools?			\$			
				.Ψ			
raterna	al Benefit Societies Only:						
14. 15.	Is the reporting entity organized and conducted on the lodge system, with ritualistic form of work an How often are meetings of the subordinate branches required to be held?	•	-	Yes [	] No [	[ ]	
16.	How are the subordinate branches represented in the supreme or governing body?						
17.	What is the basis of representation in the governing body?						
18.1	How often are regular meetings of the governing body held?						
18.2	When was the last regular meeting of the governing body held?						
18.3	When and where will the next regular or special meeting of the governing body be held?						
18.4	How many members of the governing body attended the last regular meeting?						
18.5	How many of the same were delegates of the subordinate branches?						
19.	How are the expenses of the governing body defrayed?						
20.	When and by whom are the officers and directors elected?						
21.	What are the qualifications for membership?						
22.	What are the limiting ages for admission?						
23.	What is the minimum and maximum insurance that may be issued on any one life?						
24.	Is a medical examination required before issuing fit confice to applicate ?			Yes [	] No [	[ ]	
25.		of a <mark>par branc</mark> h by	y ballot and initiation?	Yes [	] No [	[ ]	
26.1	Are notices of the payments required sent to the mbet		Yes [	] No [			1
26.2 27.	If yes, do the notices state the purpose for which money to be to be which what proportion of first and subsequent year's payments may be used for management expenses?			Yes [	] No [	[ ]	
21.	27.11 First Year						%
	27.12 Subsequent Years						%
28.1 28.2	Is any part of the mortuary, disability, emergency or reserve fund, or the accretions from or paymen If so, what amount and for what purpose?				] No [		
29.1	Does the reporting entity pay an old age disability benefit?			-	] No [	[ ]	
29.2	If yes, at what age does the benefit commence?				1 11 1	. ,	
30.1 30.2	Has the constitution or have the laws of the reporting entity been amended during the year?			Yes [	] NO [	l J	
31.	Have you filed with this Department all forms of benefit certificates issued, a copy of the constitution in force at the present time?	n and all of the law	s, rules and regulations		1 No I	[ ]	
32.1	State whether all or a portion of the regular insurance contributions were waived during the current account of meeting attained age or membership requirements?	year under premiu	m-paying certificates on		] No [		
32.2	If so, was an additional reserve included in Exhibit 5?			] No [		'A [ ]	
32.3	If yes, explain			· <b>·</b>			
33.1	Has the reporting entity reinsured, amalgamated with, or absorbed any company, order, society, or		•	Yes [	] No [	[ ]	
33.2	If yes, was there any contract agreement, or understanding, written or oral, expressed or implied, by director, trustee, or any other person, or firm, corporation, society or association, received or is to re emolument, or compensation of any nature whatsoever in connection with, on an account of such re	eceive any fee, cor	nmission,				
	absorption, or transfer of membership or funds?		Yes [	] No [	] N/	/A [ ]	ĺ
34.	Has any present or former officer, director, trustee, incorporator, or any other persons, or any firm, or claims of any nature whatsoever against this reporting entity, which is not included in the liabilities of			Yes [	] No [	[ ]	
35.1	Does the reporting entity have outstanding assessments in the form of liens against policy benefits			Yes [	-	: :	
35.2				-		-	

## **FIVE-YEAR HISTORICAL DATA**

Show amounts in whole dollars only, no cents; show percentages to one decimal place, i.e. 17.6.
\$000 omitted for amounts of life insurance

		\$000 omitted for an	nounts of life insura			
		1 2022	2 2021	3 2020	4 2019	5 2018
	Life Insurance in Force	2022	2021	2020	2013	2010
	(Exhibit of Life Insurance)					
1	Ordinary - whole life and endowment (Line 34, Col.					
••				0	0	0
2.	Ordinary - term (Line 21, Col. 4, less Line 34, Col.					
	4)					0
	Credit life (Line 21, Col. 6)		0	0	0	0
4.	Group, excluding FEGLI/SGLI (Line 21, Col. 9 less	0	0	0	0	0
_	Lines 43 & 44, Col. 4)		0			0
	Industrial (Line 21, Col. 2)					0
	FEGLI/SGLI (Lines 43 & 44, Col. 4)		0	0	0	0
7.	Total (Line 21, Col. 10)	0	0	0	0	0
7.1	Total in force for which VM-20					
	deterministic/stochastic reserves are calculated					
	New Business Issued					
0	(Exhibit of Life Insurance)					
8.	Ordinary - whole life and endowment (Line 34, Col. 2)			0	0	0
9.	Ordinary - term (Line 2, Col. 4, less Line 34, Col. 2)					0
	Credit life (Line 2, Col. 6)					0
	Group (Line 2, Col. 9)					0
				0		٥٥
12.	Industrial (Line 2, Col. 2)	0	0	0	0	0
13.		U	U	u	u	0
	Premium Income - Lines of Business					
	(Exhibit 1 - Part 1)					
	Industrial life (Line 20.4, Col. 2)					
15.1	Ordinary-life insurance (Line 20.4, Col. 3)	0		0	0	
15.2	Ordinary-individual annuities (Line 20.4, Col. 4)	62,319,770	77,140,435	102,859,857	143,037,239	178,462,078
16	Credit life (group and individual) (Line 20.4, Col. 5)	0		0	0	0
	Group life insurance (Line 20.4, Col. 6)					
17.2	Group annuities (Line 20.4, Col. 7)	19,851,795	20,293,203	18,263,366	17,747,176	16,907,523
18.1	A & H-group (Line 20.4, Col. 8)	0		0	0	0
18.2	A & H-credit (group and individual) (Line 20.4, Col. 9)				2	0
						0
	A & H-other (Line 20.4, Col. 10)	0			0	0
19.	Aggregate of all other lines of business (Line 20.4,Col. 11)	0		0	0	0
20.	Total		07 422 620		160 794 415	105 260 601
20.		02, 171, 303	37,400,000	121, 120,220	100,764,413	193,309,001
04	Balance Sheet (Pages 2 & 3)					
21.	Total admitted assets excluding Separate Accounts business (Page 2, Line 26, Col. 3)	2.487.527.766	2.534.960.535	2.568.754.700	2.585.947.584	2.575.949.109
22.	T					
	business (Page 3, Line 26)	2,103,367,733	2,164,458,575	2,225,483,009	2,236,635,655	2,263,274,714
23.	Aggregate life reserves (Page 3, Line 1)	2,027,100,629	2,110,187,855	2,175,477,858	2,191,204,461	2,216,961,356
23.1	Excess VM-20 deterministic/stochastic reserve over					
	NPR related to Line 7.1					
24.	Aggregate A & H reserves (Page 3, Line 2)	0	0	0	0	
	Deposit-type contract funds (Page 3, Line 3)					24,728,964
	Asset valuation reserve (Page 3, Line 24.01)					
	Capital (Page 3, Lines 29 and 30)					2,500,000
28.	Surplus (Page 3, Line 37)	381,660,033	368,001,960	340,771,691	346,811,929	310, 174,395
	Cash Flow (Page 5)					
29.	Net Cash from Operations (Line 11)	(45,579,617)	(22,550,360)		16,019,938	67,542,699
	Risk-Based Capital Analysis					
	Total adjusted capital					
	Authorized control level risk - based capital					
	Percentage Distribution of Cash, Cash					
	Equivalents and Invested Assets					
	(Page 2, Col. 3) (Line No. /Page 2, Line 12, Col. 3)					
	x 100.0		<u></u> -			<u>* - · · · · · · · · · · · · · · · · · · </u>
	Bonds (Line 1)					
	Stocks (Lines 2.1 and 2.2)					0.3
	Mortgage loans on real estate(Lines 3.1 and 3.2)					
35.	Real estate (Lines 4.1, 4.2 and 4.3)		0.0	0.0	0.0	0.0
36.	Cash, cash equivalents and short-term investments	4.0	0.4	٥٠	4.0	0.0
^-	(Line 5)	1.8	9.1	3.5	1.0	
	Contract loans (Line 6)	1.8	1.9	2.0	2.1	2.2
38.	Derivatives (Page 2, Line 7)	1.0	0.7	0.7		0.2
	Other invested assets (Line 8)	0.7	0.7	0.7	0.7	0.7
40.	Receivables for securities (Line 9)		0.0	0.0	0.0	0.0
41.	Securities lending reinvested collateral assets (Line	2.0	2.2			0.0
	10)					0.0
	Aggregate write-ins for invested assets (Line 11)	0.0	0.0	0.0	0.0	0.0
43.	Cash, cash equivalents and invested assets (Line 12)	100.0	100.0	100.0	100.0	100.0
	(LIIIC 14)	100.0	100.0	100.0	100.0	100.0

### **FIVE-YEAR HISTORICAL DATA**

(Continued)

			ontinued)		1	,
		1 2022	2 2021	3 2020	4 2019	5 2018
	Investments in Parent, Subsidiaries and	2022	2021	2020	2019	2010
	Affiliates					
44.	Affiliated bonds (Schedule D Summary, Line 12,		_	_	_	_
	Col. 1)	16,794,115	0	0	0	0
45.	Affiliated preferred stocks (Schedule D Summary, Line 18, Col. 1)		0	0	0	0
46.	Affiliated common stocks (Schodula D Summon)					
	Line 24, Col. 1),		0	0	0	0
47.	Affiliated short-term investments (subtotal included in Schedule DA Verification, Col. 5, Line 10)					
						0
48.	Affiliated mortgage loans on real estate					
49.	All other affiliated  Total of above Lines 44 to 49	10 704 115		0	0	0
50.		16,794,115	0	0	U	0
51.	Total Investment in Parent included in Lines 44 to 49 above					
	Total Nonadmitted and Admitted Assets					
52.	Total nonadmitted assets (Page 2, Line 28, Col. 2).	1,690,359	864,002	875,382	1,042,411	
53.	Total admitted assets (Page 2, Line 28, Col. 3)					
	Investment Data			, , ,	, , ,	, , ,
54.	Net investment income (Exhibit of Net Investment					
	Income)	92,553,702	105, 178,864	114,117,957	114,578,284	121,842,360
55.	Realized capital gains (losses) (Page 4, Line 34, Column 1)	(040, 441)	1 020 600	(4 252 024)	(707 610)	(500 560)
FC	Unrealized capital gains (losses) (Page 4, Line 38,	(940,441)	1,920,000	(4,352,034)	(101,010)	(360,362)
56.	Column 1)	(603, 184)	(330,638)	(2,072,646)	17,727,657	(16,858,544)
57.	Total of above Lines 54, 55 and 56	, , ,				
	Benefits and Reserve Increases (Page 6)					
58.	Total contract/certificate benefits - life (Lines 10, 11,					
	12, 13, 14 and 15, Col. 1 minus Lines 10, 11,12, 13, 14 and 15, Cols. 6, 7 and 8)	260 556 610	200 706 020	250 014 140	212 620 222	270 044 702
	·	206,330,610	300,706,029	239,014,149	312,029,322	270,044,792
59.	Total contract/certificate benefits - A & H (Lines 13 & 14, Col. 6)	0	0	0	0	0
60.	Increase in life recentles, other than group and					
	annuities (Line 19, Col. 2)					0
61.	Increase in A & H reserves (Line 19, Col. 6)			0	0	0
62.	Dividends to policyholders and refunds to members (Line 30, Col. 1)	0	0	0	0	0
		0	0	0	0	0
00	Operating Percentages					
63.	Insurance expense percent (Page 6, Col. 1, Lines 21, 22 & 23, less Line 6)/(Page 6, Col. 1, Line 1					
	plus Exhibit 7, Col. 2, Line 2) x 100.0	22.8	21.6	15.9	14.0	13.8
64.	Lapse percent (ordinary only) [(Exhibit of Life					
	Insurance, Col. 4, Lines 14 & 15) / 1/2 (Exhibit of Life Insurance, Col. 4, Lines 1 & 21)] x 100.0	0.0	0.0	0.0	0.0	0.0
65.	A 9 II loop paraget (Cabadula II Dart 1 Lines E and					
00.	6, Col. 2)	0.0	0.0	0.0	0.0	0.0
66.	A & H cost containment percent (Schedule H, Pt. 1,					
	Line 4, Col. 2)		0.0	0.0	0.0	0.0
67.	A & H expense percent excluding cost containment expenses (Schedule H, Pt. 1, Line 10, Col. 2)		0.0	0.0	0.0	0.0
	A & H Claim Reserve Adequacy					
68.	Incurred losses on prior years' claims -					
	comprehensive group health (Sch. H. Part 3, Line					
	3.1 Col. 3)		XXX	XXX	XXX	XXX
69.	Prior years' claim liability and reserve - comprehensive group health (Sch. H, Part 3, Line					
	3.2 Col. 3)		XXX	XXX	XXX	XXX
70.	Incurred losses on prior years' claims-health other					
	than comprehensive group health (Sch. H, Part 3, Line 3.1 Col. 1 less Col. 3)	۰ ا	<b>~~~</b>	<b>~~~</b>	~~~	<b>~~~</b>
71.	Prior years' claim liability and reserve-health other					
/ 1.	than comprehensive group health (Sch. H. Dart 3					
	Line 3.2 Col. 1 less Col. 3)	0	XXX	XXX	XXX	XXX
	Net Gains From Operations After Dividends to Policyholders/Members' Refunds and Federal					
	Income Taxes by Lines of Business (Page 6.x,					
	Line 33)					
72.	Industrial life (Page 6.1, Col. 2)		0	0	0	0
73.	Ordinary - life (Page 6.1, Col. 1 less Cols. 2, 10 and 12)	_	^	•	_	
	and 12)					
74.						
75.	Ordinary-supplementary contracts					
76.	Group life (Page 6.1, Col. 10 plus Page 6.2, Col. 7)  Group life (Page 6.2, Col. 1 Less Cols. 7 and 9)					
77.	Group life (Page 6.2, Col. 1 Less Cols. 7 and 9) Group annuities (Page 6, Col. 5)	(052 004)	/ 2/12 /EE	U	U	2 27E 02E
78. 70	A & H-group (Page 6.5, Col. 3)					
79. 80.	A & H-group (Page 6.5, Col. 3)		^	0	U	0
	A & H-credit (Page 6.5, Col. 10)				0	U
81. 82.	Aggregate of all other lines of business (Page 6					
02.	Aggregate of all other lines of business (Page 6, Col. 8)	0	0	0	0	0
83.	Fraternal (Page 6, Col. 7)		0	0		0
84.	Total (Page 6, Col. 1)	25,031,285	26,194,026	33,323,145	20,957,420	36,344,903
	If a party to a merger, have the two most recent years	of this sybibit been root		, ,		



DIRECT BUSINESS IN THE STATE OF Grand Total

DURING THE YEAR 2022

NAIC	Group Code 0435	LI	FE INSURANCE	NAIC Company Code 93661		
	DIRECT PREMIUMS AND ANNUITY CONSIDERATIONS	1 Ordinary	2 Credit Life (Group and Individual)	3 Group	4 Industrial	5 Total
1.	Life insurance	0	0	0	0	C
2.		62,319,770				82, 171, 565
3.	Deposit-type contract funds	0				
4.	Other considerations	0	0		0	(
5.	Totals (Sum of Lines 1 to 4)	62,319,770	0	19,851,795	0	82,171,565
Life in	DIRECT DIVIDENDS TO POLICYHOLDERS/REFUNDS TO MEMBERS isurance:					
6.1	Paid in cash or left on deposit				0	0
6.2	Applied to pay renewal premiums	0	0	0	0	(
6.3	Applied to provide paid-up additions or shorten the					
	endowment or premium-paying period	0		0		(
	Other	0	0	0	0	(
		0	0	0	0	(
Annui						
7.1	Paid in cash or left on deposit	0	0	0	0	(
7.2	Applied to provide paid-up annuities	0	0	0	0	(
7.3	Other	0	0	0	0	(
7.4	Totals (Sum of Lines 7.1 to 7.3)	0		0	0	(
8.	Grand Totals (Lines 6.5 plus 7.4)	0	0	0	0	
	DIRECT CLAIMS AND BENEFITS PAID					
9.	Death benefits			0		(
10.	Matured endowments	0		0		(
11.	Annuity benefits	22,800,490	0	430 , 170	0	23,230,660
12.	Surrender values and withdrawals for life contracts	219, 149, 189	0	29,947,412	0	249,096,60
13.	Aggregate write-ins for miscellaneous direct claims and benefits paid	0	0			(
14.	All other benefits, except accident and health	0	0	0	0	(
15.	Totals	241,949,679	0	30,377,582	0	272,327,26
	DETAILS OF WRITE-INS					
1301.						
1302.						
1303.						
1398.	Summary of Line 13 from overflow page	0	0	0	0	
	Totals (Lines 1301 thru 1303 plus 1398) (Line 13 above)	0	0	0	0	(

	_			Credit Life	_					
	C	Ordinary	(Group and Individual) Group		l	Industrial		Total		
DIRECT DEATH	1	2	3	4	5	6	7	8	9	10
BENEFITS AND			No. of							
MATURED	No. of		Ind.Pols.				No. of		No. of	
ENDOWMENTS	Pols. &		& Gr.		No. of		Pols. &		Pols. &	
INCURRED	Certifs.	Amount	Certifs.	Amount	Certifs.	Amount	Certifs.	Amount	Certifs.	Amount
16. Unpaid December 31, prior										
year										
17. Incurred during current year										
Settled during current year:										
18.1 By payment in full										
18.2 By payment on										
compromised claims										
18.3 Totals paid										
18.4 Reduction by compromise			<b></b>							
18.5 Amount rejected										
18.6 Total settlements			<b></b>							
19. Unpaid Dec. 31, current						7		• • • • • • • • • • • • • • • • • • • •		
vear (16+17-18.6)					<b>1</b>					
your (10-17-10.0)					No. of					
POLICY EXHIBIT					Policies					
20. In force December 31, prior					FUILLES					
year				(a)						
21. Issued during year				(α)				•		
22. Other changes to in force										
(Net)										
23. In force December 31 of								•		
current year				(a)						

### **ACCIDENT AND HEALTH INSURANCE**

	ACCIDENT AND HEALTH INSURANCE										
		1	2	3	4	5					
				Policyholder Dividends							
				Paid, Refunds to							
			Direct Premiums	Members or Credited		Direct Losses					
		Direct Premiums	Earned	on Direct Business	Direct Losses Paid	Incurred					
24. (	Group Policies (b)										
	Federal Employees Health Benefits Plan premium (b)										
24.2 (	Credit (Group and Individual)										
	Collectively renewable policies/certificates (b)										
24.4	Medicare Title XVIII exempt from state taxes or fee										
(	Other Individual Policies:										
25.1	Non-cancelable (b)										
	Guaranteed renewable (b)										
	Non-renewable for stated reasons only (b)										
	Other accident only				• • • • • • • • • • • • • • • • • • • •						
	All other (b)		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •						
	Totals (sum of Lines 25.1 to 25.5)										
	Totals (Lines 24 + 24.1 + 24.2 + 24.3 + 24.4 + 25.6)										
20.	Tutais (Lilies 24 + 24.1 + 24.2 + 24.3 + 24.4 + 25.0)	1		ſ		I					

(b) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

Exhibit of Life Insurance

## NONE

Exhibit of Life Insurance - Part 2

NONE

Exhibit of Life Insurance - Part 3

NONE

Exhibit of Life Insurance - Part 4

NONE

Exhibit of Life Insurance - Part 5

NONE

Exhibit of Life Insurance - Part 6

NONE

Exhibit of Life Insurance - Part 7

NONE

Exhibit of Life Insurance - Policies with Disability Provisions

NONE

# EXHIBIT OF NUMBER OF POLICIES, CONTRACTS, CERTIFICATES, INCOME PAYABLE AND ACCOUNT VALUES IN FORCE FOR SUPPLEMENTARY CONTRACTS, ANNUITIES, ACCIDENT & HEALTH AND OTHER POLICIES

SUPPLEMEN	ITARY	CONTRACTS
		Ordinar

		Ordi	nary	Group		
		1	2	3	4	
		Involving Life	Not Involving Life	Involving Life	Not Involving Life	
		Contingencies	Contingencies	Contingencies	Contingencies	
1.	In force end of prior year	0	0	0	0	
2.	Issued during year					
3.	Reinsurance assumed					
4.	Increased during year (net)					
5.	Total (Lines 1 to 4)		0	0	0	
	Deductions during year:					
6.	Decreased (net)					
7.	Reinsurance ceded					
8.	Totals (Lines 6 and 7)	0	0	0	0	
9.	In force end of year (line 5 minus line 8)	0	0	0	0	
10.	Amount on deposit		(a)		(a)	
11.	Income now payable					
12.	Amount of income payable	(a)	(a)	(a)	(a)	

#### **ANNUITIES**

ANIOTTES										
	Ordi	inary	Gr	oup						
	1	2	3	4						
	Immediate	Deferred	Contracts	Certificates						
In force end of prior year	933	90,433	604	4,410						
Issued during year	81									
Reinsurance assumed										
Increased during year (net)										
Totals (Lines 1 to 4)	1,014	90,433	604	4,410						
Deductions during year:										
Decreased (net)	155	5,301		290						
Reinsurance ceded										
		5,301	0	290						
In force end of year (line 5 minus line 8)	859	85 , 132	604	4 , 120						
		,		,						
·	(a) 5,793,226	XXX	XXX	(a)						
* *	XXX	(a) 167, 109, 424	XXX	(a)						
Deferred not fully paid:		, , , , , , , , , , , , , , , , , , ,		, ,						
Account balance	XXX	(a) 2,164,452,840	XXX	(a) 190,439,003						
	In force end of prior year Issued during year Reinsurance assumed	Ord   1	Ordinary	Ordinary   Gr						

### ACCIDENT AND HEALTH INSURANCE

		Gro	oup	Cre	edit	Ot	her
		1	2	3	4	5	6
		Certificates	Premiums in Force	Policies	Premiums in Force	Policies	Premiums in Force
1.	In force end of prior year	0		0		0	
2.	Issued during year						
3.	Reinsurance assumed						
4.	Increased during year (net)		XXX		XXX		XXX
5.	Totals (Lines 1 to 4)	0	XXX	0	XXX	0	XXX
	Deductions during year:						
6.	Conversions		XXX	XXX	XXX	XXX	XXX
7.	Decreased (net)		XXX		XXX		XXX
8.	Reinsurance ceded		XXX		XXX		XXX
9.	Totals (Lines 6 to 8)	0	XXX	0	XXX	0	XXX
10.	In force end of year (line 5						
	minus line 9)	0	(a)	0	(a)	0	(a)

### DEPOSIT FUNDS AND DIVIDEND ACCUMULATIONS

		1	2
			Dividend
		Deposit Funds	Accumulations
		Contracts	Contracts
1.	In force end of prior year	0	0
2.			
3.	Reinsurance assumed		
4.	Increased during year (net)		
5.	Totals (Lines 1 to 4)	0	0
	Deductions During Year:		
6.	Decreased (net)		
7.	Reinsurance ceded		
8.	Totals (Lines 6 and 7)	0	0
9.	In force end of year (line 5 minus line 8)	0	0
10.	Amount of account balance	(a)	(a)

<sup>(</sup>a) See the Annual Audited Financial Reports section of the annual statement instructions.

### FORM FOR CALCULATING THE INTEREST MAINTENANCE RESERVE

### INTEREST MAINTENANCE RESERVE

		1 Amount
1.	Reserve as of December 31, Prior Year	6,059,191
2.	Current year's realized pre-tax capital gains/(losses) of \$	440,816
3.	Adjustment for current year's liability gains/(losses) released from the reserve	0
4.	Balance before reduction for amount transferred to Summary of Operations (Line 1 + Line 2 + Line 3)	6,500,006
5.	Current year's amortization released to Summary of Operations (Amortization, Line 1, Column 4)	1,632,626
6.	Reserve as of December 31, current year (Line 4 minus Line 5)	4,867,381

### AMORTIZATION

		1	2	3	4
	Year of Amortization	Reserve as of December 31, Prior Year	Current Year's Realized Capital Gains/(Losses) Transferred into the Reserve Net of Taxes	Adjustment for Current Year's Liability Gains/(Losses) Released From the Reserve	Balance Before Reduction for Current Year's Amortization (Cols. 1 + 2 + 3)
1.	2022	1,457,285	175,341	0	1,632,626
2.	2023	1,093,087	131,816	0	1,224,903
3.	2024	870,286	82,965	0	953,251
4.	2025	633,794	58,882	0	692,677
5.	2026	435,555	34 , 173	0	469,728
6.	2027	343,203	8,372	0	351,575
7.	2028	307,354	(5,033)	0	302,321
8.	2029	256,594	(5,348)	0	251,246
9.	2030	201,043	(5,658)	0	195,386
10.	2031	145,753	(5,984)	0	139,768
11.	2032	109,085	(6,370)	0	102,715
12.	2033	85,413	(6,003)	0	79,410
13.	2034	56,806	(4,973)	0	51,833
14.	2035	30,940	(3,829)	0	27,110
15.	2036		(2,607)	0	7,672
16.	2037	(1,322)	(1,477)	0	(2,799)
17.	2038	(3, 137)	(774)	0	(3,911)
18.	2039			0	(3,051)
19.	2040			0	(1,073)
20.	2041	1,703	(440)	0	1,262
21.	2042	3,840	(327)	0	3,513
22.	2043	5,317	(236)	0	5,082
23.	2044	5,395	(192)	0	5,203
24.	2045	4,995	(135)	0	4,860
25.	2046		(83)	0	3,840
26.	2047	2,773	(31)	0	2,742
27.	2048		0	0	1,628
28.	2049		0	0	517
29.	2050		0	0	(28)
30.	2051	0	0	0	0
31.	2052 and Later		0	0	0
32.	Total (Lines 1 to 31)	6,059,190	440,816	0	6,500,006

# **ASSET VALUATION RESERVE**

			Default Component			Equity Component		
		1	2	3	4	5	6	7
		Other Than Mortgage Loans	Mortgage Loans	Total (Cols. 1 + 2)	Common Stock	Real Estate and Other Invested Assets	Total (Cols. 4 + 5)	Total Amount (Cols. 3 + 6)
1.	Reserve as of December 31, prior year	16,132,935	0		15	87,016	87,031	16,219,967
2.	Realized capital gains/(losses) net of taxes - General Account	(668,355)		(668,355)			0	(668,355)
3.	Realized capital gains/(losses) net of taxes - Separate Accounts			0			0	0
4.	Unrealized capital gains/(losses) net of deferred taxes - General Account	(245,696)		(245,696)	(125)		(125)	(245,821)
5.	Unrealized capital gains/(losses) net of deferred taxes - Separate Accounts			0			0	0
6.	Capital gains credited/(losses charged) to contract benefits, payments or reserves			0			0	0
7.	Basic contribution	4,074,787	0	4,074,787	0	15,210	15,210	4,089,997
8.	Accumulated balances (Lines 1 through 5 - 6 + 7)	19,293,671	0	19,293,671	(110)	102,226	102,117	19,395,788
9.	Maximum reserve	20,692,170	0	20,692,170	0	86,374	86,374	20,778,544
10.	Reserve objective	11,971,810	0	11,971,810	0	46,309	46,309	12,018,119
11.	20% of (Line 10 - Line 8)	(1,464,372)	0	(1,464,372)	22	(11, 184)	(11, 162)	(1,475,534)
12.	Balance before transfers (Lines 8 + 11)	17,829,299	0	17,829,299	(88)	91,043	90,955	17,920,254
13.	Transfers			0	88	(88)	0	0
14.	Voluntary contribution			0			0	0
15.	Adjustment down to maximum/up to zero			0		(4,581)	(4,581)	(4,581)
16.	Reserve as of December 31, current year (Lines 12 + 13 + 14 + 15)	17,829,299	0	17,829,299	0	86,374	86,374	17,915,673

# ASSET VALUATION RESERVE BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS DEFAULT COMPONENT

	1 2 3 4 Basic Contribution Reserve Objective Maximum Reserve											
			1	2	3	4		Contribution	Reserv			
Line	NAIC			Reclassify		Balance for	5	6	/	8	9	10
Num-	Desia-		Book/Adjusted	Related Party	Add Third Party	AVR Reserve Calculations		Amount		Amount		Amount
ber	nation	Description	Carrying Value	Encumbrances	Encumbrances	(Cols. 1 + 2 + 3)	Factor	(Cols.4 x 5)	Factor	(Cols. 4 x 7)	Factor	(Cols. 4 x 9)
50.		LONG-TERM BONDS	ounging raids	2.100.11.01000	211041110101000	(0013. 1 · 2 · 0)	1 40101	(0013.4 x 0)	1 dotoi	(0013. 4 x 1)	1 doloi	(0013. 4 x 0)
1.		Exempt Obligations	418.972	XXX	XXX	418.972	0.0000	0	0.0000	0	0.0000	0
2.1	1	NAIC Designation Category 1.A	409 . 198 . 183	XXX	XXX	409.198.183	0.0002	81.840	0.0007	286.439	0.0013	531.958
2.2	1	NAIC Designation Category 1.B	82,097,078	XXX	XXX	82,097,078	0.0004	32,839	0.0011	90,307	0.0023	
2.3	1	NAIC Designation Category 1.C		XXX	XXX	172,742,183	0.0006	103,645	0.0018	310,936	0.0035	604,598
2.4	1	NAIC Designation Category 1.D		XXX	XXX	76.619.143	0.0007	53,633	0.0022		0.0044	337 , 124
2.5	1	NAIC Designation Category 1.E	86,486,591	XXX	XXX	86,486,591	0.0009	77,838	0.0027	233,514	0.0055	475,676
2.6	1	NAIC Designation Category 1.F	212,299,137	XXX	XXX	212,299,137	0.0011	233,529	0.0034	721,817	0.0068	1,443,634
2.7	1	NAIC Designation Category 1.G	265,435,115	XXX	XXX	265,435,115	0.0014	371,609	0.0042	1,114,827	0.0085	2,256,198
2.8		Subtotal NAIC 1 (2.1+2.2+2.3+2.4+2.5+2.6+2.7)	1,304,877,430	XXX	XXX	1,304,877,430	XXX	954,933	XXX	2,926,402	XXX	5,838,012
3.1	2	NAIC Designation Category 2.A	350,315,530	XXX	XXX	350,315,530	0.0021	735,663	0.0063	2,206,988	0.0105	3,678,313
3.2	2	NAIC Designation Category 2.B	420, 174, 739	XXX	XXX	420, 174, 739	0.0025	1,050,437	0.0076	3, 193, 328	0.0127	5,336,219
3.3	2	NAIC Designation Category 2.C		XXX	xxx	215,961,257	0.0036	777,461	0.0108	2,332,382	0.0180	3,887,303
3.4		Subtotal NAIC 2 (3.1+3.2+3.3)	986,451,526	XXX	XXX	986,451,526	XXX	2,563,560	XXX	7,732,697	XXX	12,901,835
4.1	3	NAIC Designation Category 3.A	10.748.699	XXX	XXX	10.748.699	0.0069	74 . 166	0.0183	196.701	0.0262	281.616
4.2	3	NAIC Designation Category 3.B	2,022,328	XXX	XXX	2,022,328	0.0099	20,021	0.0264	53,389	0.0377	76,242
4.3	3	NAIC Designation Category 3.C	7,589,990	XXX	XXX	7,589,990	0.0131	99,429	0.0350	265,650	0.0500	379,500
4.4		Subtotal NAIC 3 (4.1+4.2+4.3)	20,361,017	XXX	XXX	20,361,017	XXX	193,616	XXX	515,740	XXX	737,357
5.1	4	NAIC Designation Category 4.A	1,100,596	XXX	XXX	1,100,596	0.0184	20,251	0.0430	47,326	0.0615	67,687
5.2	4	NAIC Designation Category 4.B		XXX	XXX	3,294,340	0.0238	78,405	0.0555	182,836	0.0793	261,241
5.3	4	NAIC Designation Category 4.C	2,387,255	XXX	XXX	2,387,255	0.0310	74,005	0.0724	172,837	0.1034	246,842
5.4		Subtotal NAIC 4 (5.1+5.2+5.3)	6,782,191	XXX	XXX	6,782,191	XXX	172,661	XXX	402,999	XXX	575,770
6.1	5	NAIC Designation Category 5.A	3,136,580	XXX	XXX	3,136,580	0.0472	148,047	0.0846		0.1410	
6.2	5		0	XXX	XXX	0	0.0663	0	0.1188	0	0.1980	0
6.3	5	NAIC Designation Category 5.C	261,710	XXX	XXX	261,710	0.0836	21,879	0 . 1498	39,204	0.2496	65,323
6.4		Subtotal NAIC 5 (6.1+6.2+6.3)	3,398,290	XXX	XXX	3,398,290	XXX	169,926	XXX	304,559	XXX	507,581
7.	6	NAIC 6	120,050	XXX	XXX	120,050	0.0000	0	0.2370	28,452	0.2370	28,452
8.		Total Unrated Multi-class Securities Acquired by Conversion .	·	XXX	XXX	0	XXX	0	XXX	0	XXX	0
9.		Total Long-Term Bonds (1+2.8+3.4+4.4+5.4+6.4+7+8)	2,322,409,476	XXX	XXX	2,322,409,476	XXX	4,054,696	XXX	11,910,849	XXX	20,589,006
		PREFERRED STOCKS										
10.	1	Highest Quality		XXX	XXX	0	0.0005	0	0.0016	0	0.0033	0
11.	2	High Quality	4,000,000	XXX	XXX	4,000,000	0.0021	8,400	0.0064	25,600	0.0106	42,400
12.	3	Medium Quality		XXX	XXX	0	0.0099	0	0.0263	0	0.0376	0
13.	4	Low Quality		XXX	XXX	0	0.0245	0	0.0572	0	0.0817	0
14.	5	Lower Quality		XXX	XXX	0	0.0630	0	0.1128	0	0.1880	0
15.	6	In or Near Default		XXX	XXX	0	0.0000	0	0.2370	0	0.2370	0
16.		Affiliated Life with AVR		XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
17.		Total Preferred Stocks (Sum of Lines 10 through 16)	4,000,000	XXX	XXX	4,000,000	XXX	8,400	XXX	25,600	XXX	42,400

# ASSET VALUATION RESERVE (Continued) BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS DEFAULT COMPONENT

	DEI AGET COMPONENT											
			1	2	3	4	Basic (	Contribution	Reserv	e Objective	Maximi	um Reserve
						Balance for	5	6	7	8	9	10
	IAIC			Reclassify		AVR Reserve						
	esig-		Book/Adjusted	Related Party	Add Third Party	Calculations		Amount		Amount		Amount
ber na	ation	Description	Carrying Value	Encumbrances	Encumbrances	(Cols. 1 + 2 + 3)	Factor	(Cols.4 x 5)	Factor	(Cols. 4 x 7)	Factor	(Cols. 4 x 9)
		SHORT-TERM BONDS										
18.		Exempt Obligations		XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
19.1	1	NAIC Designation Category 1.A		XXX	XXX	0	0.0002	0	0.0007	0	0.0013	0
19.2	1	NAIC Designation Category 1.B		XXX	XXX	0	0.0004	0	0.0011	0	0.0023	0
19.3	1	NAIC Designation Category 1.C		XXX	XXX	0	0.0006	0	0.0018	0	0.0035	0
19.4	1	NAIC Designation Category 1.D		XXX	XXX	0	0.0007	0	0.0022	0	0.0044	0
19.5	1	NAIC Designation Category 1.E		XXX	XXX	0	0.0009	0	0.0027	0	0.0055	0
19.6	1	NAIC Designation Category 1.F		XXX	XXX	0	0.0011	0	0.0034	0	0.0068	0
19.7	1	NAIC Designation Category 1.G		XXX	XXX	0	0.0014	0	0.0042	0	0.0085	0
19.8		Subtotal NAIC 1 (19.1+19.2+19.3+19.4+19.5+19.6+19.7)	0	XXX	XXX	0	XXX	0	XXX	0	XXX	0
	2	NAIC Designation Category 2.A	4,879,338	XXX	XXX	4.879.338	0.0021	10.247	0.0063	30.740	0.0105	51.233
20.2	2	NAIC Designation Category 2.B		XXX	XXX	0	0.0025	0	0.0076	0	0.0127	0
20.3	2	NAIC Designation Category 2.C		XXX	XXX	0	0.0036	0	0.0108	0	0.0180	0
20.4	_	Subtotal NAIC 2 (20.1+20.2+20.3)		XXX	XXX	4,879,338	XXX	10,247	XXX	30,740	XXX	51.233
21.1	2	NAIC Designation Category 3.A		XXX	XXX	7,075,000	0.0069	10,247	0.0183	00,740	0.0262	01,200
21.1	2			XXX	XXX	0	0.0099	0	0.0264	0	0.0202	0
	3	NAIC Designation Category 3.B			XXX		0.0131	0	0.0350	0	0.0500	0
21.3	3	NAIC Designation Category 3.C		XXX		0		0		0		0
21.4		Subtotal NAIC 3 (21.1+21.2+21.3)		XXX	XXX	0	XXX	0	XXX	U	XXX	0
22.1	4	NAIC Designation Category 4.A		XXX	XXX	0	0.0184	0	0.0430	0	0.0615	0
22.2	4	NAIC Designation Category 4.B		XXX	XXX	0	0.0238	0	0.0555	0	0.0793	0
22.3	4	NAIC Designation Category 4.C		XXX	XXX	0	0.0310	0	0.0724	0	0.1034	0
22.4		Subtotal NAIC 4 (22.1+22.2+22.3)		XXX	XXX	0	XXX	0	XXX	0	XXX	0
23.1	5	NAIC Designation Category 5.A		XXX	XXX	0	0.0472	0	0.0846	0	0.1410	0
23.2	5	NAIC Designation Category 5.B		XXX	XXX	0	0.0663	0	0.1188	0	0 . 1980	0
23.3	5	NAIC Designation Category 5.C		XXX	XXX	0	0.0836	0	0 . 1498	0	0.2496	0
23.4		Subtotal NAIC 5 (23.1+23.2+23.3)	0	XXX	XXX	0	XXX	0	XXX	0	XXX	0
24.	6	NAIC 6		XXX	XXX	0	0.0000	0	0.2370	0	0.2370	0
25.		Total Short-Term Bonds (18+19.8+20.4+21.4+22.4+23.4+24)	4.879.338	XXX	XXX	4.879.338	XXX	10.247	XXX	30.740	XXX	51.233
		DERIVATIVE INSTRUMENTS	, .,			, ,,,,,,,		,,		,		,===
26.		Exchange Traded		XXX	XXX		0.0005	o	0.0016	0	0.0033	0
27.	1	Highest Quality	2,888,212	XXX	XXX	2.888.212	0.0005	1.444	0.0016	4.621	0.0033	9.531
28.	2	High Quality	, ,	XXX	XXX	0	0.0021	n	0.0064	n 7,021	0.0106	0
29.	3	Medium Quality		XXX	XXX	n	0.0021	n	0.0263	n	0.0376	0
30.	1	Low Quality		XXX	XXX	n	0.0245	n	0.0572	n	0.0817	n
31.	<del>-1</del> 5	Lower Quality	I I	XXX	XXX	0	0.0630	n	0.1128	n	0.1880	n
32.	6	In or Near Default		XXX	XXX	n	0.0000	n	0.2370	n	0.2370	n
33.	J	Total Derivative Instruments	2.888.212	XXX	XXX	2.888.212	XXX	1.444	XXX	4,621	XXX	9.531
			, ,			, ,		,		,		.,
34.		Total (Lines 9 + 17 + 25 + 33)	2,334,177,026	XXX	XXX	2,334,177,026	XXX	4,074,787	XXX	11,971,810	XXX	20,692,170

# ASSET VALUATION RESERVE (Continued) BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS DEFAULT COMPONENT

						OIVII OIVEI						
			1	2	3	4	Basic (	Contribution	Reserve	e Objective	Maximui	m Reserve
Line	NAIC			Reclassify		Balance for AVR Reserve	5	6	7	8	9	10
Num-	Desig-		Book/Adjusted	Related Party	Add Third Party	Calculations		Amount		Amount		Amount
ber	nation	Description	Carrying Value	Encumbrances	Encumbrances	(Cols. 1 + 2 + 3)	Factor	(Cols.4 x 5)	Factor	(Cols. 4 x 7)	Factor	(Cols. 4 x 9)
		MORTGAGE LOANS										
		In Good Standing:										
35.		Farm Mortgages - CM1 - Highest Quality			XXX	0	0.0011	0	0.0057	0	0.0074	0
36.		Farm Mortgages - CM2 - High Quality				0	0.0040	0	0.0114	0	0.0149	0
37.		Farm Mortgages - CM3 - Medium Quality				0	0.0069	0	0.0200 .	0	0.0257	0
38.		Farm Mortgages - CM4 - Low Medium Quality				0	0.0120	0	0.0343	0	0.0428	0
39.		Farm Mortgages - CM5 - Low Quality				0	0.0183	0	0.0486	0	0.0628	0
40.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0003	0	0.0007	0	0.0011	0
41.		Residential Mortgages - All Other			XXX	0	0.0015	0	0.0034	0	0.0046	0
42.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0003	0	0.0007 .	0	0.0011	0
43.		Commercial Mortgages - All Other - CM1 - Highest Quality			XXX	0	0.0011	0	0.0057	0	0.0074	0
44.		Commercial Mortgages - All Other - CM2 - High Quality			XXX	0	0.0040	0	0.0114	0	0.0149	0
45.		Commercial Mortgages - All Other - CM3 - Medium Quality			XXX	0	0.0069	0	0.0200	0	0.0257	0
46.		Commercial Mortgages - All Other - CM4 - Low Medium Quality			xxx	0	0.0120	0	0.0343	0	0.0428	0
47.		Commercial Mortgages - All Other - CM5 - Low Quality			XXX	0	0.0183	0	0.0486	0	0.0628	0
		Overdue, Not in Process:										
48.		Farm Mortgages			XXX	0	0.0480	0	0.0868	0	0.1371	0
49.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0006	0	0.0014	0	0.0023	0
50.		Residential Mortgages - All Other			XXX	0	0.0029	0	0.0066	0	0.0103	0
51.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0006	0	0.0014	0	0.0023	0
52.		Commercial Mortgages - All Other			XXX	0	0.0480	0	0.0868	0	0.1371	0
		In Process of Foreclosure:										
53.		Farm Mortgages			XXX	0	0.0000	0	0 . 1942	0	0.1942	0
54.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0000	0	0.0046	0	0.0046	0
55.		Residential Mortgages - All Other			XXX	0	0.0000	0	0.0149	0	0.0149	0
56.		Commercial Mortgages - Insured or Guaranteed				0	0.0000	0	0.0046	0	0.0046	0
57.		Commercial Mortgages - All Other			XXX	0	0.0000	0	0.1942	0	0.1942	0
58.		Total Schedule B Mortgages (Sum of Lines 35 through 57)	0	0		0	XXX	0	XXX	0	XXX	0
59.		Schedule DA Mortgages			XXX	0	0.0034	0	0.0114	0	0.0149	0
60.		Total Mortgage Loans on Real Estate (Lines 58 + 59)	0	0		0	XXX	0	XXX	0	XXX	0

# ASSET VALUATION RESERVE BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS EQUITY AND OTHER INVESTED ASSET COMPONENT

			_ <u>_ ~</u>			TIED AGGI						
			1	2	3	4	Basic C	Contribution	Reserve	Objective	Maximu	m Reserve
Line				Reclassify		Balance for AVR Reserve	5	6	7	8	9	10
Num- ber	Desig- nation	Description	Book/Adjusted Carrying Value	Related Party Encumbrances	Add Third Party Encumbrances	Calculations (Cols. 1 + 2 + 3)	Factor	Amount (Cols.4 x 5)	Factor	Amount (Cols. 4 x 7)	Factor	Amount (Cols. 4 x 9)
bei	nation	COMMON STOCK	Carrying value	Encumbrances	Encumbrances	(Cois. 1 + 2 + 3)	Factor	(COIS.4 X 5)	Factor	(COIS. 4 X 7)	Factor	(COIS. 4 X 9)
1		Unaffiliated - Public		XXX	XXX	0	0.0000	0	0.1580 (a)	0	0.1580 (a)	0
1.		Unaffiliated - Private		XXX	XXX	0	0.0000	۰۰	0.1360 (a)	٥	0. 1360 (a) .	٥
2.		Federal Home Loan Bank	- I	XXX	XXXXXX	0	0.0000		0.1945	٥	0.1945	٥٠
3.				XXX	XXX	0	0.000		0 0000		0 0000	
4.						U	0.0000	0	0.0000	0	0.0000	0
_		Affiliated - Investment Subsidiary:					100/		2007		2007	
5.		Fixed Income - Exempt Obligations					XXX		XXX		XXX	
6.		Fixed Income - Highest Quality					XXX		XXX		XXX	
7.		Fixed Income - High Quality					XXX		XXX		XXX	
8.		Fixed Income - Medium Quality				0	XXX				XXX	
9.		Fixed Income - Low Quality					XXX				XXX	
10.		Fixed Income - Lower Quality				0	XXX		XXX		XXX	
11.		Fixed Income - In/Near Default				0	XXX		XXX		XXX	
12.		Unaffiliated Common Stock - Public				0	0.0000	0		0	0.1580 (a)	0
13.		Unaffiliated Common Stock - Private				0	0.0000	0	0 . 1945	0	0.1945	0
14.		Real Estate				0	(b)	0	(b)	0	(b)	0
15.		Affiliated - Certain Other (See SVO Purposes and Procedures Manual)		VVV		0	0.000	0	0 . 1580	0	0.1580	0
16.		Affiliated - All Other		XXX	XXX	0	0.0000	٥	0.1945		0.1945	٥٥
17.		Total Common Stock (Sum of Lines 1 through 16)	0				XXX	0	XXX	0	XXX	0
17.		REAL ESTATE	U	U	U	U	***	U	***	0	***	0
18.		Home Office Property (General Account only)				0	0.0000	0	0.0912	0	0.0912	0
19.		Investment Properties				0	0.0000	0	0.0912	0	0.0912	0
20.		Properties Acquired in Satisfaction of Debt				0	0.0000	0	0.1337	0	0.1337	0
21.		Total Real Estate (Sum of Lines 18 through 20)	0	0	0	0	XXX	0	XXX	0	XXX	0
		OTHER INVESTED ASSETS INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF BONDS						-	1221	-		-
22.		Exempt Obligations		XXX	xxx	0	0.000	n	0.0000	0	0.0000	n
23.	1	Highest Quality		XXX	XXX	0	0.0005	n	0.0016	0	0.0033	٥
24.	2	High Quality		XXX	XXX	n	0.0003	n	0.0010	0	0.0106	0
25.	3	Medium Quality			XXX	n	0.0021	o	0.0263	0	0.0376	0 ۱
26.	1	Low Quality		XXX	XXX	n	0.0245	o	0.0572	٥	0.0370	0 ۱
20. 27.	5	Lower Quality		XXX	XXX	n	0.0630	o	0.1128	٥	0.1880	0 ۱
28.	6	In or Near Default		XXX	XXX	n	0.0000		0.2370	٥	0.2370	0۰۰۰
29.	U	Total with Bond Characteristics (Sum of Lines 22 through 28)	0		XXX	0	XXX	0	XXX	0	XXX	0
29.		Total with Bond Characteristics (Sum of Lines 22 through 28)	U	XXX	XXX	U	XXX	U	XXX	U	XXX	U

# ASSET VALUATION RESERVE (Continued) BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS EQUITY AND OTHER INVESTED ASSET COMPONENT

			LQUIII			DIED ASSI						
			1	2	3	4	Basic (	Contribution	Reser	ve Objective	Maximi	um Reserve
Line	NAIC		Deat (A.F. start	Reclassify	ALLTHUR	Balance for AVR Reserve	5	6	7	8	9	10
Num-	Desig- nation	Description	Book/Adjusted	Related Party	Add Third Party	Calculations	Costor	Amount	Factor	Amount	Footor	Amount (Cols. 4 x 9)
ber	nation	The second secon	Carrying Value	Encumbrances	Encumbrances	(Cols. 1 + 2 + 3)	Factor	(Cols.4 x 5)	Factor	(Cols. 4 x 7)	Factor	(Cols. 4 X 9)
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF PREFERRED STOCKS										
30.	1	Highest Quality	14,857,480	XXX	XXX	14,857,480	0.0005	7,429	0.0016	23,772	0.0033	49,030
31.	2	High Quality		XXX	XXX	3,259,160	0.0021	6,844	0.0064	20,859	0.0106	34,547
32.	3	Medium Quality	0	XXX	XXX	0	0.0099	0	0.0263	0	0.0376	0
33.	4	Low Quality		XXX	XXX	0	0.0245	0	0.0572	0	0.0817	0
34.	5	Lower Quality		XXX	XXX	14,877	0.0630	937	0.1128	1,678	0.1880	2,797
35.	6	In or Near Default	0	XXX	XXX	0	0.0000	0	0.2370	0	0.2370	0
36.		Affiliated Life with AVR	0	XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
37.		Total with Preferred Stock Characteristics (Sum of Lines 30										
		through 36)	18, 131, 517	XXX	XXX	18, 131, 517	XXX	15,210	XXX	46,309	XXX	86,374
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF MORTGAGE LOANS										
		In Good Standing Affiliated:										
38.		Mortgages - CM1 - Highest Quality			XXX	0	0.0011	0	0.0057	0	0.0074	0
39.		Mortgages - CM2 - High Quality			XXX	0	0.0040	0	0.0114	0	0.0149	0
40.		Mortgages - CM3 - Medium Quality			XXX	0	0.0069	0	0.0200	0	0.0257	0
41.		Mortgages - CM4 - Low Medium Quality			XXX	0	0.0120	0	0.0343	0	0.0428	0
42.		Mortgages - CM5 - Low Quality			XXX	0	0.0183	0	0.0486	0	0.0628	0
43.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0003	0	0.0007	0	0.0011	0
44.		Residential Mortgages - All Other		XXX	XXX	0	0.0015	0	0.0034	0	0.0046	0
45.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0003	0	0.0007	0	0.0011	0
		Overdue, Not in Process Affiliated:										
46.		Farm Mortgages			XXX	0	0.0480	0	0.0868	0	0.1371	0
47.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0006	0	0.0014	0	0.0023	0
48.					XXX	0	0.0029	0	0.0066	0	0.0103	0
49.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0006	0	0.0014	0	0.0023	0
50.		Commercial Mortgages - All Other			XXX	0	0.0480	0	0.0868	0	0.1371	0
		In Process of Foreclosure Affiliated:										
51.		Farm Mortgages			XXX	0	0.000	0	0.1942	0	0.1942	0
52.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0000	0	0.0046	0	0.0046	0
53.		Residential Mortgages - All Other			XXX	0	0.000	0	0.0149	0	0.0149	0
54.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.000	0	0.0046	0	0.0046	0
55.		Commercial Mortgages - All Other			XXX	0	0.0000	0	0.1942	0	0.1942	0
56.		Total Affiliated (Sum of Lines 38 through 55)	. 0	0	XXX	0	XXX	0	XXX	0	XXX	0
57.		Unaffiliated - In Good Standing With Covenants			XXX	0	(c)	0	(c)	0	(c)	0
58.		Unaffiliated - In Good Standing Defeased With Government Securities			xxx	0	0.0011	0	0.0057	0	0.0074	0
59.		Unaffiliated - In Good Standing Primarily Senior			XXX	0	0.0040	0	0.0114	0	0.0149	0
60.		Unaffiliated - In Good Standing All Other			XXX	0	0.0069	0	0.0200	0	0.0257	0
61.		Unaffiliated - Overdue. Not in Process			XXX	0	0.0480	0	0.0868	0	0.1371	0
62.		Unaffiliated - In Process of Foreclosure			XXX	0	0.0000	0	0.1942	0	0.1942	0
63.		Total Unaffiliated (Sum of Lines 57 through 62)	0	0	XXX	0	XXX	0	XXX	0	XXX	0
64.		Total with Mortgage Loan Characteristics (Lines 56 + 63)	0	0	XXX	0	XXX	0	XXX	0	XXX	0
υ <del>1</del> .	1	Total man wortgage Loan Characteristics (Lines 50 + 65)	U	U	^^^		////	U	^^^		^^^	U

## **ASSET VALUATION RESERVE (Continued)** BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RÉSERVE CALCULATIONS **EQUITY AND OTHER INVESTED ASSET COMPONENT**

			1	2	3	A A A A A A A A A A A A A A A A A A A		Contribution	Resen	ve Objective	Maximu	ım Reserve
Line Num-	NAIC Desig-		Book/Adjusted	Reclassify Related Party	Add Third Party	Balance for AVR Reserve Calculations	5	6 Amount	7	8 Amount	9	10 Amount
ber	nation		Carrying Value	Encumbrances	Encumbrances	(Cols. 1 + 2 + 3)	Factor	(Cols.4 x 5)	Factor	(Cols. 4 x 7)	Factor	(Cols. 4 x 9)
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS										
		OF COMMON STOCK										
65.		Unaffiliated Public		XXX	XXX	0	0.0000	0	0.1580 (a)	0	0.1580 (a)	0
66.				XXX	XXX	0	0.0000	0	0.1945	0	0. 1945	0
67.		Affiliated Life with AVR		XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
68.		Affiliated Certain Other (See SVO Purposes & Procedures		100/	2001		0.0000		0.4500	0	0.4500	•
00		Manual)		XXX	XXX	0	0.0000	0	0.1580	0	0.1580	
69.		Total with Common Stock Characteristics (Sum of Lines 65		XXX	XXX	0	0.0000	0	0.1945	0	0.1945	0
70.		through 69)	0	XXX	XXX	0	xxx	0	XXX	0	XXX	0
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS	U	***	^^^	U	^^^	U	***	U	***	U
		OF REAL ESTATE										
74							0.0000		0 0010	0	0 0040	•
71.		Home Office Property (General Account only)				0	0.0000	0	0.0912	0	0.0912	0
72.		Investment Properties					0.0000		0.0912	0	0.0912	0
73						U	0.0000	U	0.1337	0	0.1337	U
74.		Total with Real Estate Characteristics (Sum of Lines 71 through 73)	0	0	0	0	xxx	0	XXX	0	XXX	٥
		LOW INCOME HOUSING TAX CREDIT INVESTMENTS	U	U	U	U	^^^	U	^^^	U	^^^	U
75.		Guaranteed Federal Low Income Housing Tax Credit	0			0	0.0003		0.0006	٥	0.0010	0
76.			0				0.0063		0.0008	0	0.0190	٠٥
70. 77.							0.0003		0.0006	0	0.0190	٠٠٠٠
78.		Non-guaranteed State Low Income Housing Tax Credit					0.0063		0.0120	0	0.0190	0
79.		All Other Low Income Housing Tax Credit	0				0.0273		0.0600	0	0.0975	0
80.		Total LIHTC (Sum of Lines 75 through 79)	0	0	0	0	XXX	0	XXX	0	XXX	
00.		RESIDUAL TRANCHES OR INTERESTS	0	U	0	0	^^^	0	^^^	U	<b>^</b>	
81.		Fixed Income Instruments - Unaffiliated	0	XXX	XXX	0	0.0000	0	0 . 1580	0	0 . 1580	0
82.		Fixed Income Instruments - Originated			XXX		0.0000	0	0. 1580	0	0 . 1580	٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠٠
83.		Common Stock - Unaffiliated		XXX	XXX		0.0000		0. 1580	0	0.1580	0
84.		Common Stock - Affiliated			XXX	0	0.0000	n	0. 1580	0	0.1580	ں ۱
85.		Preferred Stock - Unaffiliated	0	XXX	XXX		0.0000	n	0. 1580	0 N	0.1580	ں ۱
86.			0		XXX	0	0.0000	0	0.1580	0	0.1580	
87.		Real Estate - Unaffiliated	0			0	0.0000	0	0 . 1580	0	0.1580	
88.			0			0	0.0000	0	0.1580	0	0.1580	0
89.		Mortgage Loans - Unaffiliated			XXX	0	0.0000	0	0 . 1580	0	0.1580	0
90.		0 0		XXX	XXX	0	0.0000	0	0 . 1580	0	0.1580	0
91.		Other - Unaffiliated	0	XXX	XXX	0	0.0000	0	0 . 1580	0	0.1580	0
92.		Other - Affiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
93.		Total Residual Tranches or Interests (Sum of Lines 81 through		,,,,,	,,,,,,		2.2230		5500		5550	
		92)	0	0	0	0	XXX	0	XXX	0	XXX	0
		ALL OTHER INVESTMENTS										
94.		NAIC 1 Working Capital Finance Investments		XXX		0	0.0000	0	0.0042	0	0.0042	0
95.		NAIC 2 Working Capital Finance Investments		XXX		0	0.0000	0	0.0137	0	0.0137	0
96.		Other Invested Assets - Schedule BA		XXX		0	0.0000	0	0 . 1580	0	0 . 1580	0
97.		Other Short-Term Invested Assets - Schedule DA		XXX		0	0.0000	0	0.1580	0	0.1580	0
98.		Total All Other (Sum of Lines 94, 95, 96 and 97)	0	XXX	0	0	XXX	0	XXX	0	XXX	0
99.		Total Other Invested Assets - Schedules BA & DA (Sum of Lines										
		29, 37, 64, 70, 74, 80, 93 and 98)	18, 131, 517	0	0	18, 131, 517	XXX	15,210	XXX	46,309	XXX	86,374

<sup>(</sup>a) Times the company's weighted average portfolio beta (Minimum .1215, Maximum .2431).

<sup>(</sup>b) Determined using the same factors and breakdowns used for directly owned real estate.(c) This will be the factor associated with the risk category determined in the company generated worksheet.

### Asset Valuation Reserve - Replications (Synthetic) Assets

### NONE

Schedule F - Claims

### NONE

Schedule H - Part 1 - Analysis of Underwriting Operations

## NONE

Schedule H - Part 2 - Reserves and Liabilities

### NONE

Schedule H - Part 3 - Test of Prior Year's Claim Reserves and Liabilities

NONE

Schedule H - Part 4 - Reinsurance

NONE

Schedule H - Part 5 - Health Claims

NONE

Schedule S - Part 1 - Section 1

NONE

Schedule S - Part 1 - Section 2

NONE

Schedule S - Part 2

NONE

Schedule S - Part 3 - Section 1

NONE

Schedule S - Part 3 - Section 2

NONE

Schedule S - Part 4

NONE

Schedule S - Part 4 - Bank Footnote

NONE

Schedule S - Part 5
NONE

Schedule S - Part 5 - Bank Footnote **NONE** 

Schedule S - Part 6 **NONE** 

# **SCHEDULE S - PART 7**

Restatement of Balance Sheet to Identify	V Net Credit for Ceded Reinsurance
restatement of balance officer to identify	y Net Orealt for Ocaca Neilisarance

		As Reported (net of ceded)	2 Restatement Adjustments	3 Restated (gross of ceded)
	ASSETS (Page 2, Col. 3)			
1.	Cash and invested assets (Line 12)	2,459,715,549		2,459,715,549
2.	Reinsurance (Line 16)	0	0	0
3.	Premiums and considerations (Line 15)	0	0	0
4.	Net credit for ceded reinsurance	xxx	0	0
5.	All other admitted assets (balance)	27,812,217		27,812,217
6.	Total assets excluding Separate Accounts (Line 26)	2,487,527,766	0	2,487,527,766
7.	Separate Account assets (Line 27)	499,062,678		499,062,678
8.	Total assets (Line 28)	2,986,590,444	0	2,986,590,444
	LIABILITIES, CAPITAL AND SURPLUS (Page 3)			
9.	Contract reserves (Lines 1 and 2)	2,027,100,629	0	2,027,100,629
10.	Liability for deposit-type contracts (Line 3)			
11.	Claim reserves (Line 4)			
12.	Policyholder dividends/member refunds/reserves (Lines 5 through 7)			
13.	Premium & annuity considerations received in advance (Line 8)			
14.	Other contract liabilities (Line 9)			
15.	Reinsurance in unauthorized companies (Line 24.02 minus inset amount)			
16.	Funds held under reinsurance treaties with unauthorized reinsurers (Line 24.03 minus inset amount)			
17.	Reinsurance with Certified Reinsurers (Line 24.02 inset amount)			
18.	Funds held under reinsurance treaties with Certified Reinsurers (Line 24.03 inset amount)			
19.	All other liabilities (balance)			48,167,742
20.	Total liabilities excluding Separate Accounts (Line 26)		0	
21.	Separate Account liabilities (Line 27)			499,062,678
22.	Total liabilities (Line 28)		0	
23.	Capital & surplus (Line 38)		XXX	384,160,033
24.	Total liabilities, capital & surplus (Line 39)	2,986,590,444	0	2,986,590,444
24.	NET CREDIT FOR CEDED REINSURANCE	2,300,330,444	0	2,300,330,444
25		0		
25.	Contract reserves	_		
26.	Claim reserves			
27.	Policyholder dividends/reserves			
28.	Premium & annuity considerations received in advance			
29.	Liability for deposit-type contracts			
30.	Other contract liabilities	0		
31.	Reinsurance ceded assets			
32.	Other ceded reinsurance recoverables	0		
33.	Total ceded reinsurance recoverables	0		
34.	Premiums and considerations	0		
35.	Reinsurance in unauthorized companies	0		
36.	Funds held under reinsurance treaties with unauthorized reinsurers	0		
37.	Reinsurance with Certified Reinsurers	0		
38.	Funds held under reinsurance treaties with Certified Reinsurers	0		
39.	Other ceded reinsurance payables/offsets	0		
40.	Total ceded reinsurance payable/offsets	0		
41.	Total net credit for ceded reinsurance	0		

### ANNUAL STATEMENT FOR THE YEAR 2022 OF THE ANNUITY INVESTORS LIFE INSURANCE COMPANY SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS (b)

Allocated by States and Territories

			Allocated by Ot	ates and Territo	Direct Busin	ness Only		
		1	Life Co	ontracts	4	5	6	7
			2	3				
					Accident and Health			
		Active			Insurance Premiums, Including Policy,		Total Columns	
		Status	Life Insurance	Annuity	Membership	Other	2 through 5	Deposit-Type
	States, Etc.	(a)	Premiums	Considerations	and Other Fees	Considerations	(b)	Contracts
	Alabama Al			437,449			437,449	
	Alaska Al			7,236			7,236	
3. A	Arizona Az			783,474			783,474	
	Arkansas AI			95,852			95,852	
5. C	California C	L		12,084,306			12,084,306	
6. C	Colorado Co	)L		134,967			134,967	
7. C	Connecticut	·  L		1,338,295			1,338,295	
8. E	Delaware Di	L		74,560			74,560	
	District of Columbia			20,260			20,260	
	Florida FI			7,008,318			7,008,318	•••••
	Georgia G.			374,276			374,276	
	Hawaii Hi	· · · · · · · · · · · · · · · · · · ·		853,545			853,545	
	daho In	L		280,541			280,541	
	Ilinois	L		2, 192, 382				
	- <del>-</del>	L					2,192,382	
	ndiana IN			439,291			439,291	
	owa IA	L		429,067			429,067	
	Kansas K			119,873			119,873	
	Kentucky K			780,595			780,595	
	LouisianaLA			293,299			293,299	
	Maine M			757,360			757,360	
	Maryland M			199,913			199,913	
	Massachusetts M.			2,393,720			2,393,720	
	Michigan M			2,616,138			2,616,138	
	Minnesota M			438,267			438,267	
	Mississippi M			156,072			156,072	
26. N	Missouri M	)L		289,435			289,435	
	Montana M			324, 183			324, 183	
28. N	Nebraska N			82,477			82,477	
	Nevada N			1,235,116			1,235,116	
	New Hampshire N			264,006			264,006	
	New Jersey			2.364.658			2,364,658	
	New Mexico			227,431			227,431	
	New York			184,216			184,216	
	North Carolina			18,893,840			18,893,840	
	North Dakota			70,239			70,239	
	Ohio O			6,145,026			6,145,026	
	Oklahoma O			37,709			37,709	
	Dregon O			193,845			193,845	
	Pennsylvania							•••••
				1,522,859			1,522,859	
-		L		696,267			696,267	
_	South Carolina So			430,708			430,708	
	South Dakota SI			26,725			26,725	
	Tennessee Ti			2,575,713			2,575,713	
	Texas TX			8,960,570			8,960,570	
	Jtah U	·  L		1, 149, 900			1, 149, 900	
46. V	/ermont V			37,556			37,556	
47. V	/irginiaV/	L		530,485			530,485	
48. V	Vashington W	4L		1,437,771			1,437,771	
49. V	Vest Virginia W	/L		51,849			51,849	
50. V	Visconsin W	L		98,964			98,964	
	Nyoming W			28,011			28,011	
	American Samoa A			0			0	
	Guam G			0			0	
	Puerto Rico PI			0			0	
	J.S. Virgin Islands			550			550	
	Northern Mariana Islands M			0			0	
	Canada Ca			0			0	
	Aggregate Other Alien O		0	2,400		0	2,400	n
	Subtotal				0			
	Reporting entity contributions for employee bene		· ··································	02, 17 1,000		u	02, 17 1,000	U
	plans						0	
	Dividends or refunds applied to purchase paid-u	)						
	additions and annuities	XXX					0	
	Dividends or refunds applied to shorten endown							
	or premium paying period						0	
	Premium or annuity considerations waived unde						0	
	disability or other contract provisions				0			
	Aggregate or other amounts not allocable by Sta							0
	Fotals (Direct Business) Plus reinsurance assumed				0		, ,	0
				00 171 ECE			0	
	Fotals (All Business)			82,171,565	0	0		0
	Less reinsurance ceded	, 0 0		00 171 505			0	
	Totals (All Business) less Reinsurance Ceded	XXX	0	82, 171, 565	(c) 0	0	82, 171, 565	0
	DETAILS OF WRITE-INS							
	Other Alien			2,400			2,400	
58003		XXX	.				ļ	
	Summary of remaining write-ins for Line 58 from	_			-			-
	overflow page	XXX	0	0	0	0	0	0
	Fotals (Lines 58001 through 58003 plus	V/A/	0	2.400	0	0	0.400	0
	58998)(Line 58 above)	XXX	0	2,400	0		2,400	0
			· <del> </del> · · · · · · · · · · · · · · · · · · ·	-			·····	
							·····	
9403		XXX						
. 0400	Summary of remaining write-ins for Line 94 from			0	0	_		_
		XXX	0	1 0	J 0	0	0	0
	overflow page							•
9499. T	overnow page		0					0

### **SCHEDULE T - PART 2**

### **INTERSTATE COMPACT - EXHIBIT OF PREMIUMS WRITTEN**

		1	Allocated by S	States and Territo		noss Only		
		-	1	2	Direct Busi 3 Disability	4 Long-Term	5	6
	States, Etc.		Life (Group and Individual)	Annuities (Group and Individual)	Income (Group and Individual)	Care (Group and Individual)	Deposit-Type Contracts	Totals
1.	Alabama	AL .	0	437,449			0	437,449
2.	Alaska	AK .	0	7,236			0	7,236
3.	Arizona	AZ .	0	783,474			0	783,474
4.	Arkansas	AR .	0	95,852			0	95,852
5.	California	CA .	0	12,084,306			0	12,084,306
6.	Colorado	со	0	134,967			0	134,967
7.	Connecticut	СТ	0	1,338,295			0	1,338,295
8.	Delaware	DE .	0	74,560			0	74,560
9.	District of Columbia	DC .	0	20,260			0	20,260
10.	Florida	FL .	0	7,008,318			0	7,008,318
11.	Georgia	GA .	0	374,276			0	374,276
12.	Hawaii	HI .	0	853,545			0	853,545
13.	ldaho	ID .	0	280,541			0	280,541
14.	Illinois	IL .	0	2,192,382			0	2, 192, 382
15.	Indiana	IN .	0	439,291			0	439,291
16.	lowa	IA .	0	429,067			0	429,067
17.	Kansas	KS .	0	119,873			0	119,873
18.	Kentucky	KY	0	780,595				780,595
19.	Louisiana	LA .	0	293,299			0	293,299
20.	Maine	ME .	0	757,360			0	757,360
21.	Maryland		0	199,913			0	199,913
22.	Massachusetts	MA .	0	2,393,720			0	2,393,720
23.	Michigan	MI .	0	2,616,138			0	2,616,138
24.	Minnesota		0	438,267			0	438,267
25.	Mississippi	MS .	0	156,072			0	156,072
26.	Missouri	MO .	0	289,435			0	289,435
27.	Montana	MT .	0	324 , 183			0	324 , 183
28.	Nebraska	NE .	0	82,477			0	82,477
29.	Nevada	NV .	0	1,235,116			0	1,235,116
30.	New Hampshire		0					264,006
31.	New Jersey			2,364,658			0	2,364,658
32.	New Mexico			227,431				227,431
33.	New York		0	184,216			0	184,216
34.	North Carolina			18,893,840				18,893,840
35.	North Dakota			70,239   6.145.026				70,239
36.	Ohio			37,709				6,145,026
37.	Oklahoma Oregon			193,845			0	37,709 193,845
38.	Pennsylvania		0	. === .==				1,522,859
39.	•						0	
40. 41	Rhode Island			430,708				430,708
41. 42	South Dakota						0	26,725
42. 43.	Tennessee			26,725				2, 575, 713
43. 44.	Texas		0	8,960,570			0 .	
44. 45.	Utah		_				0	1,149,900
46.	Vermont			37,556				37,556
<del>4</del> 0.	Virginia			530,485			0	530,485
48.	Washington			1,437,771				1,437,771
49.	West Virginia		0	51,849				51,849
50.	Wisconsin		0	98,964				98,964
51.	Wyoming			28,011			0	28,011
52.	American Samoa			,				0
53.	Guam						0	0
54.	Puerto Rico						0	0
55.	U.S. Virgin Islands			550			0	550
56.	Northern Mariana Islands		0	0			0	0
57.	Canada			0			0	0
58.	Aggregate Other Alien		0	2,400			0	2,400
59.	Total		0	82,171,565	0	0	0	82,171,565

PART 1 – ORGANIZATIONAL CHART

The following entities are general partner level or above of Massachusetts Mutual Life Insurance Company (Parent)

	Federal Tax ID	NAIC Co Code	<b>State of Domicile</b>
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	04-1590850	65935	Massachusetts
Direct & Indirect Owned Subsidiaries:			
C.M. Life Insurance Company	06-1041383	93432	Connecticut
MML Bay State Life Insurance Company	43-0581430	70416	Connecticut
CML Mezzanine Investor III, LLC	06-1041383		Delaware
CML Special Situations Investor LLC	None		Delaware
CML Global Capabilities LLC	None		Delaware
MM Global Capabilities I LLC	None		Delaware
MassMutual Global Business Services India LLP	None		India
MM Global Capabilities (Netherlands) B.V.	None		Netherlands
MassMutual Global Business Services Romania S.R.L.	None		Romania
MM Global Capabilities I I LLC	None		Delaware
MM Global Capabilities I II LLC	None		Delaware
MM/Barings Multifamily TEBS 2020 LLC	None		Delaware
Berkshire Way LLC	04-1590850		Delaware
MML Special Situations Investor LLC	None		Delaware
Timberland Forest Holding LLC	47-5322979		Delaware
Lyme Adirondack Forest Company, LLC	None		Delaware
Lyme Adirondack Timberlands I, LLC	None		Delaware
Lyme Adirondack Timberlands II, LLC	None		Delaware
Lyme Adirondack Timber Sales, LLC	None		Delaware
MSP-SC, LLC	04-1590850		Delaware
Insurance Road LLC	04-1590850		Delaware
MassMutual Trad Private Equity LLC	04-1590850		Delaware
MassMutual Intellectual Property LLC	04-1590850		Delaware
Trad Investments I LLC	None		Delaware
ITPS Holding LLC	None		Delaware
HITPS LLC	None		Delaware
EM Opportunities LLC	None		Delaware
MassMutual MCAM Insurance Company, Inc.	None		Vermont
MassMutual Ventures US IV, GP, LLC	None		Delaware
MassMutual Ventures US IV, L.P.	None		Delaware
MassMutual Ventures Europe/APAC I GP, LLC	None		Delaware
MassMutual Ventures Europe/APAC I GP, L.P.	None		Cayman Islands
MassMutual Ventures Europe/APAC I L.P.	None		Cayman Islands
JFIN Parent LLC	None		Delaware
Jefferies Finance LLC	27-0105644		Delaware
JFIN GP Adviser LLC	None		Delaware
JFIN Fund III LLC	None		Delaware
Jefferies Credit Partners LLC	None		Delaware

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID NAIC Co Code	State of
	rederal Tax ID NAIC CO Code	State of
APEX Credit Partners LLC	None	Delaware
Jefferies Credit Management LLC	None	Delaware
JCP Direct Lending CLO 2022 LLC	None	Delaware
Jefferies Direct Lending Europe SCSp SICAV-RAIF	None	Luxembourg
Jefferies Credit Management Holdings LLC	None	Delaware
Senior Credit Investments, LLC	None	Delaware
JDLF GP (Europe) S.a.r.l	None	Luxembourg
JFAM GP LLC	None	Delaware
JFAM GP LP	None	Delaware
Jefferies Direct Lending Fund C LP	None	Delaware
Jefferies DLF C Holdings LLC	None	Delaware
Jefferies Direct Lending Fund C SPE LLC	None	Delaware
JDLF II GP LLC	None	Delaware
JDLF II GP LP	None	Delaware
Jefferies Direct Lending Fund II C LP	None	Delaware
Jefferies DLF II C Holdings LLC	None	Delaware
Jefferies Direct Lending Fund II C SPE LLC	None	Delaware
Jefferies Private Credit BDC Inc.	None	Maryland
Jefferies Senior Lending LLC	None	Delaware
Jefferies Credit Partners BDC Inc	None	Maryland
JFIN Revolver Holdings LLC	None	Delaware
JFIN Revolver Holdings II LLC	None	Delaware
JFIN Revolver Holdings IV LLC	None	Delaware
JFIN Co-Issuer Corporation	None	Delaware
JFIN Europe GP, S.a.r.l.	None	Luxembourg
Jefferies Finance Europe, S.L.P.	None	Luxembourg
Jefferies Finance Europe, SCSp	None	Luxembourg
Jefferies Finance Business Credit LLC	None	Delaware
JFIN Business Credit Fund I LLC	None	Delaware
JFIN Funding 2021 LLC	None	Delaware
JFIN High Yield Investments LLC	None	Delaware
JFIN LC Fund LLC	None	Delaware
JFIN Revolver CLO 2017 Ltd.	None	Cayman Islands
JFIN Revolver CLO 2017-II Ltd.	None	Cayman Islands
JFIN Revolver CLO 2017-III Ltd.	None	Cayman Islands
JFIN Revolver CLO 2018 Ltd.	None	Cayman Islands
JFIN Revolver CLO 2019 Ltd.	None	Cayman Islands
JFIN Revolver CLO 2019-II Ltd.	None	Cayman Islands
JFIN Revolver CLO 2020 Ltd.	None	Cayman Islands
JFIN Revolver CLO 2021-II Ltd.	None	Cayman Islands
JFIN Revolver CLO 2021-V Ltd.	None	Cayman Islands
JFIN Revolver CLO 2022-II Ltd. JFIN Revolver CLO 2022-III Ltd.	None	Cayman Islands
JEIN REVOIVEI CLO 2022-III LIU.	None	Cayman Islands

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

PART 1 – ORGANIZATIONAL CHART

Federal Tax ID NAIC Co Code State of Domicile

IFBVB 1 GLO 2002 BVLVI	N		
JFIN Revolver CLO 2022-IV Ltd. JFIN Revolver Fund, L.P.	None None		Cayman Islands Delaware
	None		Delaware
			Delaware
	None		
JFIN Revolver Funding 2021-IV Ltd.	None		Delaware
	None None		Bermuda Delaware
JFIN Revolver SPE3 2022 LLC	None		Delaware
JFIN Revolver SPE4 2022 LLC	None		Delaware
SFL Parkway Funding 2022 LLC	None		Delaware
Beauty Brands Acquisition Holdings LLC	None		Delaware
	None		Delaware
	None		Delaware
1	None		Delaware
	None		Delaware
JFIN CLO 2012 Ltd.	None		Cayman Islands
	None		Cayman Islands
	None		Cayman Islands
JFIN CLO 2014-II Ltd.	None		Cayman Islands
	None		Cayman Islands
JFIN CLO 2015-II Ltd.	None		Cayman Islands
JFIN CLO 2016 Ltd.	None		Cayman Islands
JFIN CLO 2017 Ltd.	None		Cayman Islands
	None		Cayman Islands
	None		Delaware
	None		Delaware
	86-2294635		Delaware
	13-1935920	63312	Ohio
	31-1422717		Kentucky
	31-1021738	93661	Ohio
	31-1395344		Ohio
	26-3260520		Ohio
Manhattan National Life Insurance Company	45-0252531	67083	Ohio
	None		Delaware
	04-1590850		Delaware
	None		Delaware
	None		United Kingdom
DPI-ACRES Capital LLC	None		Delaware
	None		Cayman Islands
	None		Delaware
MassMutual Asset Finance LLC*	26-0073611		Delaware
	36-4785301		Delaware
	35-2590691		Delaware
WINTAL Equipment I mance Elec 2017-A	33-2370071		Delaware

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID NAIC Co Code	State of Domicile
NAMED ' TO A PROPER DE	22.0546105	D 1
MMAF Equipment Finance LLC 2017-B	32-0546197 82-5335801	Delaware
MMAF Equipment Finance LLC 2018-A		Delaware
MMAF Equipment Finance LLC 2019-A	83-3722640	Delaware
MMAF Equipment Finance LLC 2019-B	None	Delaware
MMAF Equipment Finance LLC 2020–A	None	Delaware
MMAF Equipment Finance LLC 2020–B	None	Delaware
MMAF Equipment Finance LLC 2021-A	None	Delaware
MMAF Equipment Finance LLC 2022–A	None	Delaware
MMAF Equipment Finance LLC 2022–B	None	Delaware
Rozier LLC	None 04-2443240	Delaware
MML Management Corporation		Massachusetts
MassMutual International Holding MSC, Inc.	04-3548444	Massachusetts
MassMutual Holding MSC, Inc.	04-3341767	Massachusetts
MML CM LLC	None	Delaware
Blueprint Income LLC	None	New York
Flourish Digital Assets LLC	None	Delaware
Flourish Financial LLC	None	Delaware
Flourish Holding Company LLC	None	Delaware
Flourish Insurance Agency LLC	None	Delaware
Flourish Technologies LLC	None	Delaware
MML Distributors LLC*	04-3356880	Massachusetts
MML Investment Advisers, LLC	None	Delaware
MML Strategic Distributors, LLC	46-3238013	Delaware
The MassMutual Trust Company, FSB	06-1563535	Connecticut
MML Private Placement Investment Company I, LLC	04-1590850	Delaware
MML Private Equity Fund Investor LLC	04-1590850	Delaware
MM Private Equity Intercontinental LLC	04-1590850	Delaware
Pioneers Gate LLC	45-2738137	Delaware
MassMutual Holding LLC	04-2854319	Delaware
Fern Street LLC	37-1732913	Delaware
Low Carbon Energy Holding	None	United Kingdom
Sleeper Street LLC	None	Delaware
Haven Life Insurance Agency, LLC	46-2252944	Delaware
Aland Royalty Holdings LP	None	Delaware
GASL Holdings LLC	None	Delaware
Barings Asset-Based Income Fund (US) LP	None	Delaware
Babson Capital Global Special Situation Credit Fund 2*	98-1206017	Delaware
Barings Global Real Assets Fund LP	82-3867745	Delaware
Barings Global Special Situations Credit Fund 3	None	Ireland
Barings North American Private Loan Fund LP	38-4010344	Delaware
MassMutual Assignment Company	06-1597528	North Carolina
MassMutual Capital Partners LLC	04-1590850	Delaware
Marco Hotel LLC	46-4255307	Delaware

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID NAIC Co Code	State of Domicile
	Tructal Tax ID	State of Donilelle
HB Naples Golf Owner LLC	45-3623262	Delaware
RB Apartments LLC	82-4411267	Delaware
MassMutual Ventures Holding LLC	None	Delaware
Athens Fund Management LLC	None	Delaware
Crane Venture Partners LLP	None	United Kingdom
MassMutual Ventures Management LLC	None	Delaware
MassMutual Ventures SEA Management Private Limited	None	Singapore
MassMutual Ventures Southeast Asia I LLC	None	Delaware
MassMutual Ventures Southeast Asia II LLC	None	Delaware
MassMutual Ventures Southeast Asia III LLC	None	Delaware
MMV Digital I LLC	None	Cayman Islands
MassMutual Ventures UK LLC	None	Delaware
MassMutual Ventures US I LLC	47-1296410	Delaware
MassMutual Ventures US II LLC	None	Delaware
MassMutual Ventures US III LLC	None	Delaware
MassMutual Ventures US IV LLC	None	Delaware
MM Catalyst Fund LLC	None	Delaware
MM Rothesay Holdco US LLC	04-1590850	Delaware
Rothesay Limited	None	United Kingdom
Rothesay Mortgages Limited	None	United Kingdom
Rothesay Life Plc	None	United Kingdom
Rothesay MA No.1 Limited	None	United Kingdom
Rothesay MA No.3 Limited	None	United Kingdom
Rothesay MA No.4 Limited	None	United Kingdom
LT Mortgage Finance Limited	None	United Kingdom
Rothesay Property Partnership 1 LLP	None	United Kingdom
Rothesay Foundation	None	United Kingdom
Rothesay Pensions Management Limited	None	United Kingdom
Rothesay Asset Management UK Limited	None	United Kingdom
Rothesay Asset Management Australia Pty Ltd	None	Australia
Rothesay Asset Management North America LLC	None	Delaware
MML Investors Services, LLC	04-1590850	Massachusetts
MML Insurance Agency, LLC	04-1590850	Massachusetts
MMLISI Financial Alliances, LLC	41-2011634	Delaware
LifeScore Labs, LLC	47-1466022	Massachusetts
MM Asset Management Holding LLC	45-4000072	Delaware
Barings LLC	51-0504477	Delaware
Baring Asset Management (Asia) Holdings Limited	98-0524271	Hong Kong, Special Administrative Region of China
Baring International Fund Managers (Bermuda) Limited	98-0457465	Bermuda
Baring Asset Management (Asia) Limited	98-0457463	Hong Kong, Special Administrative Region of China
Baring Asset Management Korea Limited	None	Korea
Barings Investment Management (Shanghai) Limited	None	Hong Kong, Special Administrative Region of China
		C C 1

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID NAIC Co Code	State of Domicile
Barings Overseas Investment Fund Management (Shanghai) Limited	None	Hong Kong, Special Administrative Region of China
Baring SICE (Taiwan) Limited	98-0457707	Taiwan ROC
Barings Singapore Pte. Ltd.	None	Singapore
Barings Japan Limited	98-0236449	Japan
Barings Australia Holding Company Pty Ltd	None	Australia
Barings Australia Pty Ltd  Barings Australia Pty Ltd	None	Australia
Barings Australia Real Estate Holdings Pty Ltd	None	Australia
Barings Australia Real Estate Pty Ltd	14-0045656	Australia
Altis Property Partners Holdings Pty Ltd	98-0457456	Australia
Altis Asset Management Pty Ltd	None	Australia
Altis Property Partners Pty Ltd	None	Australia
Barings Finance LLC	80-0875475	Delaware
BCF Europe Funding Limited	None	Ireland
BCF Senior Funding LLLC	None	Delaware
BCF Senior Funding I Designated Activity Company	None	Ireland
Barings Real Estate Acquisitions LLC	None	Delaware
Barings Securities LLC	04-3238351	Delaware
Barings Guernsey Limited	98-0437588	Guernsey
Barings Europe Limited	None	United Kingdom
Barings Asset Management Spain SL	None	Spain
Baring France SAS	None	France
Baring International Fund Managers (Ireland) Limited	None	Ireland
Barings GmbH	None	Germany
Barings Italy S.r.l.	None	Italy
Barings Sweden AB	None	Sweden
Barings Netherlands B.V.	None	Netherlands
Barings (U.K.) Limited	98-0432153	United Kingdom
Barings Switzerland Sàrl	None	Switzerland
Baring Asset Management Limited	98-0241935	United Kingdom
Barings European Direct Lending 1 GP LLP	None	United Kingdom
Baring International Investment Limited	98-0457328	United Kingdom
Baring International Investment Management Holdings	98-0457587	United Kingdom
Baring Asset Management UK Holdings Limited	98-0457576	United Kingdom
Baring Fund Managers Limited	98-0457586	United Kingdom
BCGSS 2 GP LLP	None	United Kingdom
Baring Investment Services Limited	98-0457578	United Kingdom
Barings Core Fund Feeder I GP S.à.r.l.	None	Luxembourg
Barings Investment Fund (LUX) GP S.à r.l.	None	Luxembourg
Barings BME GP S.à.r.l.	None	United Kingdom
Barings GPC GP S.à.r.l.	None	Luxembourg
Barings European Core Property Fund GP Så.r.l	None	United Kingdom
Barings Umbrella Fund (LUX) GP S.à.r.l.	None	Luxembourg
GPLF4(S) GP S.à r. 1	None	Luxembourg

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID NAIC Co Code	State of Domicile
PREIF Holdings Limited Partnership	None	United Kingdom
BMC Holdings DE LLC	None	Delaware
Barings Real Estate Advisers Inc.	04-3238351	Delaware
CRA Aircraft Holding LLC*	81-4258759	Delaware
Chassis Acquisition Holding LLC	81-2244465	Delaware
EIP Holdings I, LLC	None	Delaware
Intermodal Holding II LLC	46-2344300	Delaware
Milestone Acquisition Holding LLC	47-3055009	Delaware
Novation Companies, Inc.	None	Maryland
Red Lake Ventures, LLC	46-5460309	Delaware
Remington L & W Holdings LLC*	81-4065378	Connecticut
Tamiami Citrus, LLC	None	Delaware
Teaktree Acquisition, LLC	None	Delaware
Techquity, LP	None	Delaware
Validus Holding Company LLC	46-0687392	Delaware
VGS Acquisition Holding, LLC	None	Delaware
Aland Royalty GP, LLC	None	Delaware
Alaska Future Fund GP, LLC	None	Delaware
BAI Funds SLP, LLC	None	Delaware
BAI GP, LLC	None	Delaware
Baring Asset-Based Income Fund (US) GP, LLC	None	Delaware
Barings CMS Fund GP, LLC	None	Delaware
Barings Infiniti Fund Management LLC	None	Delaware
Barings Hotel Opportunity Venture I GP, LLC	None	Delaware
Barings Investment Series LLC	None	Delaware
Barings Emerging Generation Fund GP, LLC	None	Delaware
Barings Emerging Generation Fund GP II, LLC	None	Delaware
Barings ERS PE Emerging Manager III GP, LLC	None	Delaware
Barings Global Investment Funds (U.S.) Management LLC	04-1590850	Delaware
Barings CLO Investment Partners GP, LLC	None	Delaware
Barings Core Property Fund GP LLC	None	Delaware
Barings Direct Lending GP Ltd.	None	Cayman Islands
Barings Emerging Generation Fund LP	84-3784245	Delaware
Barings Global Energy Infrastructure Advisors, LLC	None	Delaware
Barings Centre Street CLO Equity Partnership GP, LLC	None	Delaware
Barings Centre Street CLO Equity Partnership LP	None	Delaware
Barings Global Real Assets Fund GP, LLC	None	Delaware
Barings GPSF LLC	None	Delaware
Barings North American Private Loan Fund Management, LLC	None	Delaware
Barings North American Private Loan Fund II Management, LLC	None	Delaware
Barings North American Private Loan Fund III Management, LLC	None	Delaware
Barings Global Special Situations Credit Fund 4 GP (Delaware) LLC	None	Delaware
Barings - MM Revolver Fund GP LLC	None	Delaware

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID NAIC Co Code	State of Domicile
BMT RE Debt Fund GP LLC	None	Delaware
Barings Small Business Fund LLC	84-5063008	Delaware
Benton Street Advisors, Inc.	98-0536233	Cayman Islands
BHOVI Incentive LLC	None	Delaware
BIG Real Estate Fund GP LLC	None	Delaware
BIG Real Estate Incentive I LLC	None	Delaware
BIG Real Estate Incentive II LLC	None	Delaware
BRECS VII GP LLC	None	Delaware
BREDIF GP LLC	None	Delaware
CREF X GP LLC	None	Delaware
Great Lakes III GP, LLC	04-1590850	Delaware
Lake Jackson LLC	None	Delaware
Barings Emerging Markets Blended Fund I GP, LLC	None	Delaware
Mezzco III LLC	41-2280126	Delaware
Mezzco IV LLC	80-0920285	Delaware
Mezzco Australia II LLC	None	Delaware
RECSA-NY GP LLC	None	Delaware
SBNP SIA II LLC	None	Delaware
SBNP SIA III LLC	None	Delaware
Amherst Long Term Holdings, LLC	None	Delaware
MassMutual International LLC	04-3313782	Delaware
MassMutual Solutions LLC	None	Delaware
Haven Technologies Asia Limited	None	Hong Kong
Yunfeng Financial Group Limited	None	Hong Kong
MassMutual Asia Limited (SPV)	None	Hong Kong
MML Mezzanine Investor II, LLC	04-1590850	Delaware
MML Mezzanine Investor III, LLC	04-1590850	Delaware
MassMutual External Benefits Group LLC	27-3576835	Delaware
Other Affiliates & Funds:		
100 w. 3 <sup>rd</sup> Street LLC	04-1590850	Delaware
300 South Tryon Hotel LLC	82-2432216	Delaware
2160 Grand Manager LLC	04-1590850	Delaware
300 South Tryon LLC	04-1590850	Delaware
Almack Mezzanine Fund II Unleveraged LP	None	United Kingdom
Barings Affordable Housing Mortgage Fund I LLC	82-3468147	Delaware
Barings Affordable Housing Mortgage Fund II LLC	61-1902329	Delaware
Barings Affordable Housing Mortgage Fund III LLC	85-3036663	Delaware
Barings Emerging Markets Corporate Bond Fund*	None	Ireland
Barings European Real Estate Debt Income Fund	None	Luxembourg
Babson Capital Loan Strategies Fund, L.P.*	37-1506417	Delaware
Barings US High Yield Bond Fund*	None	Ireland
Babson CLO Ltd. 2012-II	None	Cayman Islands
Babson CLO Ltd. 2013-I	None	Cayman Islands

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

		Contract to the second
	Federal Tax ID NAIC Co Code	State of Domicile
D.L. GLOVI MICH	N	
Babson CLO Ltd. 2015-I	None	Cayman Islands
Babson CLO Ltd. 2015-II	None	Cayman Islands
Babson CLO Ltd. 2016-I	None	Cayman Islands
Babson CLO Ltd. 2016-II	None	Cayman Islands
Barings CLO Ltd. 2017-I	None	Cayman Islands
Barings CLO 2018-III	None	Cayman Islands
Barings CLO 2018-IV	None	Cayman Islands
Barings CLO 2019-II	98-1473665	Cayman Islands
Barings CLO 2019-III	None	Cayman Islands
Barings CLO 2019-IV	None	Cayman Islands
Barings CLO 2020-I	None	Cayman Islands
Barings CLO 2020-II	None	Cayman Islands
Barings CLO 2020-III	None	Cayman Islands
Barings CLO 2020-IV	None	Cayman Islands
Barings CLO 2021-I	None	Cayman Islands
Barings CLO 2021-II	None	Cayman Islands
Barings CLO 2021-III	None	Cayman Islands
Barings CLO 2022-I	98-1624360	Cayman Island
Barings CLO 2022-II	None	Cayman Island
Babson Euro CLO 2014-I BV	None	Netherlands
Babson Euro CLO 2014-II BV	None	Netherlands
Babson Euro CLO 2015-I BV	None	Netherlands
Barings Euro CLO 2019-I	3603726OH	Ireland
Barings Euro CLO 2019-II	None	Ireland
Barings Euro CLO 2020-I DAC	None	Ireland
Barings Euro CLO 2021-I DAC	3715576VH	Ireland
Barings Euro CLO 2021-II DAC	3750378QH	Ireland
Barings Euro CLO 2021-III DAC	None	Ireland
Barings Euro CLO 2022-I DAC	None	Ireland
Barings Global Em. Markets Equity Fund	82-5330194	North Carolina
Barings Global Energy Infrastructure Fund I LP	98-1332384	Cayman Islands
Barings Global Special Situations Credit 4 Delaware*	85-1465973	Delaware
Barings Global Special Situations Credit 4 LUX*	98-1570693	Luxembourg
Barings Global Technology Equity Fund	None	Ireland
Barings Europe Select Fund	None	Ireland
Barings Hotel Opportunity Venture	87-0977058	Connecticut
Barings Innovations & Growth Real Estate Fund*	86-3661023	Delaware
Barings Middle Market CLO 2017-I Ltd & LLC	None	Cayman Islands
Barings Middle Market CLO 2018-I	None	Cayman Islands
Barings Middle Market CLO 2019-I	None	Cayman Islands
Barings Middle Market CLO Ltd 2021-I	98-1612604	Cayman Islands
Barings RE Credit Strategies VII LP	98-1332384	Delaware
Barings Target Yield Infrastructure Debt Fund*	98-1567942	Luxembourg

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

Barings

# SCHEDULE Y – INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

	Federal Tax ID NAIC Co Code	State of Domicile
Barings CLO Investment Partners LP	81-0841854	Delaware
Barings Euro Value Add II (BREEVA II) *	None	Luxembourg
Barings Real Estate European Value Add I SCSp*	None	United Kingdom
Barings Real Estate Debt Income Fund LP*	85-3449260	Delaware
Barings Transportation Fund LP*	87-1262754	Delaware
Braemar Energy Ventures I, L.P.*	None	Delaware
Barings European Core Property Fund SCSp	None	Luxembourg
Barings European Private Loan Fund III A	46-5001122	Luxembourg
Benchmark 2018-B2 Mortgage Trust	38-4059932	New York
Benchmark 2018-B4	None	New York
Benchmark 2018-B8	38-4096530	New York
Barings Core Property Fund LP	20-5578089	Delaware
Cornerstone Real Estate Fund X LP	46-5432619	Delaware
DPI Acres Capital SPV LLC	04-1590850	Delaware
Gateway Mezzanine Partners II LP*	90-0991195	Delaware
Great Lakes III, L.P.	37-1708623	Delaware
GIA EU Holdings - Emerson JV Sarl	98-1607033	Luxembourg
JPMCC Commercial Mortgage Securities Trust 2017-JP7	38-4041011; 38-4041012	New York
JPMDB Commercial Mortgage Securities Trust 2017-C5	38-4032059	New York
Martello Re	None	Bermuda
Miami Douglas Two GP LLC*	04-1590850	Delaware
Miami Douglas Two LP*	04-1590850	Delaware
Miami Douglas Three MM LLC	04-1590850	Delaware
MM BIG Peninsula Co-Invest Member LLC	87-4021641	Delaware
MM Direct Private Investment Holding	04-1590850	Delaware
MM CM Holding LLC	None	Delaware
MM Debt Participations LLC	81-3000420	Delaware
Somerset Special Opportunities Fund L.P.*	20-8856877	Delaware
Ten Fan Pier Boulevard LLC	35-2553915	Delaware
Tower Square Capital Partners III, L.P.	41-2280127	Delaware
Tower Square Capital Partners IIIA, L.P.	41-2280129	Delaware
Trailside MM Member LLC*	04-1590850	Delaware
Washington Gateway Two LLC*	83-1325764	Delaware
Washington Gateway Three LLC*	32-0574045	Delaware
gs Affiliates & Funds:		
Babson Capital Loan Strategies Master Fund LP	None	Cayman Islands
Barings China Aggregate Bond Private Securities Investment Fund	None	Peoples Republic of China
Barings European Growth Trust Fund	None	United Kingdom
Barings Global High Yield Fund	47-3790192	Massachusetts
CCIC Fund	None	Peoples Republic of China
Great Lakes II LLC*	71-1018134	Delaware
Wood Creek Venture Fund LLC	04-1590850	Delaware

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID NAIC Co Code	State of Domicile
Barings Real Estate Affiliates & Funds:		
Barings California Mortgage Fund IV	None	California
Barings Umbrella Fund LUX SCSp SICAV RAIF*	None	Luxembourg
Calgary Railway Holding LLC*	82-2285211	Delaware
Combrook PRS Holdings LLC	82-3307907	Delaware
Cornerstone California Mortgage Fund I LLC	95-4207717	California
Cornerstone California Mortgage Fund II LLC  Cornerstone California Mortgage Fund II LLC	95-4207717	California
Cornerstone California Mortgage Fund III LLC  Cornerstone California Mortgage Fund III LLC	95-4207717	California
Cornerstone California Mortgage Fund in LLC*  Cornerstone Fort Pierce Development LLC*	56-2630592	Delaware
	45-2632610	Massachusetts
Cornerstone Permanent Mortgage Fund		
Cornerstone Permanent Mortgage Fund II	61-1750537	Massachusetts
Cornerstone Permanent Mortgage Fund III	35-2531693	Massachusetts
Cornerstone Permanent Mortgage Fund IV	61-1793735	Massachusetts
CREA/PPC Venture LLC	20-0348173	Delaware
Danville Riverwalk Venture, LLC	82-2783393	Delaware
Euro Real Estate Holdings LLC	04-1590850	Delaware
Fan Pier Development LLC*	20-3347091	Delaware
GIA EU Holdings LLC	04-1590850	Delaware
Landmark Manchester Holdings LLC	81-5360103	Delaware
MM Brookhaven Member LLC	04-1590850	Delaware
MM East South Crossing Member LLC	04-1590850	Delaware
MM Horizon Savannah Member LLC*	04-1590850	Delaware
MM National Self-Storage Program Member LLC	04-1590850	Delaware
MM 1400 E 4th Street Member LLC	04-1590850	Delaware
One Harbor Shore LLC*	80-0948028	Delaware
PACO France Logistics LLC	04-1590850	Delaware
Salomon Brothers Commercial Mortgage Trust 2001-MM	None	Delaware
Three PW Office Holding LLC	81-5273574	Delaware
Trailside MM Member II LLC	04-1590850	Delaware
Unna, Dortmund Holding LLC	82-3250684	Delaware
Washington Gateway Apartments Venture LLC*	45-5401109	Delaware
West 37th Street Hotel LLC*	88-3861481	Delaware
MassMutual Premier Funds:		
MassMutual Premier Main Street Fund	51-0529328	Massachusetts
MassMutual Premier Strategic Emerging Markets Fund	26-3229251	Massachusetts
MassMutual Select Funds:		
MassMutual Select Fundamental Growth Fund	04-3512593	Massachusetts
MassMutual Select Mid-Cap Value Fund	42-1710935	Massachusetts
MassMutual Select Small Capital Value Equity Fund	02-0769954	Massachusetts
MassMutual Select Small Company Value Fund	04-3584140	Massachusetts
MassMutual Select T. Rowe Price Retirement 2005 Fund	82-3347422	Massachusetts

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

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# SCHEDULE Y – INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

	Federal Tax ID	NAIC Co Code	State of Domicile
MassMutual Select T. Rowe Price Retirement 2010 Fund	82-3355639		Massachusetts
MassMutual Select T. Rowe Price Retirement 2015 Fund	82-3382389		Massachusetts
MassMutual Select T. Rowe Price Retirement 2020 Fund	82-3396442		Massachusetts
MassMutual Select T. Rowe Price Retirement 2025 Fund	82-3417420		Massachusetts
MassMutual Select T. Rowe Price Retirement 2030 Fund	82-3430358		Massachusetts
MassMutual Select T. Rowe Price Retirement 2035 Fund	82-3439837		Massachusetts
MassMutual Select T. Rowe Price Retirement 2040 Fund	82-3451779		Massachusetts
MassMutual Select T. Rowe Price Retirement 2045 Fund	82-3472295		Massachusetts
MassMutual Select T. Rowe Price Retirement 2050 Fund	82-3481715		Massachusetts
MassMutual Select T. Rowe Price Retirement 2055 Fund	82-3502011		Massachusetts
MassMutual Select T. Rowe Price Retirement 2060 Fund	82-3525148		Massachusetts
MassMutual Select T. Rowe Price Retirement Balanced Fund	82-3533944		Massachusetts
MML Series Investment Funds:			
MML Series International Equity Fund	46-4257056		Massachusetts
MML Series Investment Funds II:			
MML Series II Dynamic Bond Fund	47-3529636		Massachusetts
MML Series II Equity Rotation Fund	47-3544629		Massachusetts
MassMutual RetireSMART Funds:			
MassMutual RetireSMART 2035 Fund	27-1933380		Massachusetts
MassMutual RetireSMART 2045 Fund	27-1932769		Massachusetts
MassMutual RetireSMART 2055 Fund	46-3289207		Massachusetts
MassMutual RetireSMART 2060 Fund	47-5326235		Massachusetts
MassMutual 20/80 Allocation Fund	45-1618155		Massachusetts
MassMutual 80/20 Allocation Fund	45-1618222		Massachusetts
MassMutual RetireSMART In Retirement Fund	03-0532464		Massachusetts
MassMutual 40/60 Allocation Fund	45-1618262		Massachusetts
MassMutual 60/40 Allocation Fund	45-1618046		Massachusetts

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

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						A - DLIA	L OF INSURANC		IOLD	ING COMPAINT	SISILIVI				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Type	lf			
											of Control	Control			
											(Ownership,	is		ls an	
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
. 0435		05005	04-1590850	. 3848388			Massachusetts Mutual Life Insurance Company		IIID	Massachusetts Mutual Life Insurance	0 1:	400 000	188 10		
. 0435	. Massachusetts Mut Life Ins Co	65935	04-1090800	. 3848388			(MMLIC)	MA	UIP	Company	Owner ship	100.000	MMLIC		
. 0435							MassMutual Ventures Europe/APAC   GP, LLC	DE	NIA	Company	Owner ship	100.000	MMLIC:		
. 0435							MassMutual Ventures Europe/APAC   GP. L.P	CYM	NIA	MassMutual Ventures Europe/APAC I GP, LLC	Ownership	100.000	MM_IC		
							massimataan rentares zareperrane n a , zii .			MassMutual Ventures Europe/APAC I GP. L.P.					
. 0435		l					MassMutual Ventures Europe/APAC I L.P	CYM	NIA	,	Ownership	100.000	MMLIC	l	
										Massachusetts Mutual Life Insurance					
. 0435	. Massachusetts Mut Life Ins Co	93432	06-1041383	.			C.M. Life Insurance Company	CT	IA	Company	Ownership	100.000	MMLIC		
. 0435	. Massachusetts Mut Life Ins Co	70416	43-0581430	.			MML Bay State Life Insurance Company	CT	IA	C.M. Life Insurance Company	Ownership	100.000	MMLIC		
. 0000			06-1041383	.			CML Mezzanine Investor III, LLC	DE	NIA	C.M. Life Insurance Company	Ownership	100.000	MMLIC		
. 0000							CML Special Situations Investor LLC	DE	NIA	C.M. Life Insurance Company	Ownership	100.000	MMLIC		
					1			25		Massachusetts Mutual Life Insurance	L	400.000			
. 0000							CML Global Capabilities LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000							MM Global Capabilities   LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000							MassMutual Global Business Services India	UE	NIA	company	Owner Ship	100.000	MWLIC		
. 0000							LIP	IND	NIA	MM Global Capabilities   LLC	Ownership	100.000	MMLIC		
. 0000							MM Global Capabilities (Netherlands) B.V	NLD	NIA	MM Global Capabilities   LLC	Ownership	100.000	MMLIC		
							MassMutual Global Business Services Romania					1			
. 0000							S.R.L	R0U	NIA	MM Global Capabilities (Netherlands) B.V.	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000							MM Global Capabilities II LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
0000							MM 01 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DE		Massachusetts Mutual Life Insurance	0 1:	400 000	188.10		
. 0000							MM Global Capabilities III LLC	DE	NIA	Company Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		
. 0000							MM/Barings Multifamily TEBS 2020 LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000							min barrings martiramity iebo 2020 eeo	bL		Massachusetts Mutual Life Insurance	Office Strip	100.000	MMLIO		
. 0000		l		l	l		MML Special Situations Investor LLC	DE	NIA	Company	Ownership	100.000	MMLIC	l	
							1			Massachusetts Mutual Life Insurance					
. 0000			47-5322979				Timberland Forest Holding LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000			47-5322979				Timberland Forest Holding LLC	DE		C.M. Life Insurance Company	Influence	0.000	MMLIC		
. 0000			47-5322979				Timberland Forest Holding LLC	DE	NI A	Wood Creek Capital Management LLC	Management		MMLIC		
. 0000							Lyme Adirondack Forest Company, LLC	DE	NIA	Timberland Forest Holding LLC	Ownership	100.000	MMLIC		
. 0000							Lyme Adirondack Timberlands I, LLC	DE	NIA	Lyme Adirondack Forest Company, LLC	Ownership	100.000	MMLIC		
. 0000							Lyme Adirondack Timberlands II, LLC	DE	NIA	Lyme Adirondack Forest Company, LLC	Ownership	100.000	MMLIC		
. 0000							Lyme Adirondack Timber Sales, LLC	DE	NI A	Lyme Adirondack Forest Company, LLC	Ownership	100.000	MMLIC		
0000			04 4500050		1		B	DE		Massachusetts Mutual Life Insurance	l	400.000	188 10		
. 0000			04-1590850				Berkshire Way LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000			04-1590850		1		MSP-SC. LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
. 0000			0 <del>1</del> -100000				moi ov, LLV	UL	ΝΙΛ	Massachusetts Mutual Life Insurance	omioi sirip	100.000	WAYAL I V		
. 0000		l	l	I	l		EM Opportunities LLC	DE	NIA	Company	Ownership	100.000	MMLIC	I	
							1111			Massachusetts Mutual Life Insurance					
. 0000							MassMutual MCAM Insurance Company, Inc	VT	NIA	Company	Ownership	100.000	MMLIC		
					1					Massachusetts Mutual Life Insurance					
. 0000							MassMutual Ventures US IV, GP, LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
. 0000							MassMutual Ventures US IV, LP	DE	NI A	MassMutual Ventures US IV, GP, LLC	Ownership	100.000	MMLIC		
0000			04 4500050		1		Income Park III O	D-	N/A	Massachusetts Mutual Life Insurance	0	100 000	MMLIC		
. 0000			04-1590850 04-1590850				Insurance Road LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000			04-1590850				MassMutual Trad Private Equity LLC	DE	NIA		Ownership	100.000	MMLIC	·····	
. 0000			U4-109U85U				MassMutual Intellectual Property LLC	VE	NIA	Insurance Road LLC	owner snip	100.000	MMLIV		

	PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Type	lf			
											of Control	Control			
											(Ownership,	is		Is an	
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filina	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
. 0000							Trad Investments   LLC	DE	NIA	Insurance Road LLC	Ownership.	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000							ITPSHolding LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
. 0000							HITPS LLC	DE	NI A	ITPS Holding LLC	Owner ship	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000							JFIN Parent LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
. 0000			27-0105644				Jefferies Finance LLC	DE	NI A	JFIN Parent LLC	Ownership	50.000	MMLIC		1
										Massachusetts Mutual Life Insurance					
. 0000			86-2294635				Glidepath Holdings Inc.	DE	UIP	Company	Ownership	100.000	MMLIC	. []	
. 0435	Massachusetts Mut Life Ins Co	63312	13-1935920				MassMutual Ascend Life Insurance Company	0H	UDP	Glidepath Holdings Inc.	Ownership	100.000	MMLIC	. []	
. 0000			31-1422717				AAG Insurance Agency, LLC	KY	NI A	MassMutual Ascend Life Insurance Company .	Ownership	100.000	MMLIC	. []	
. 0435	Massachusetts Mut Life Ins Co	93661	31-1021738				Annuity Investors Life Insurance Company	OH	RE	MassMutual Ascend Life Insurance Company .	Ownership	100.000	MMLIC		
. 0000			31-1395344				MM Ascend Life Investor Services, LLC	OH	NI A	MassMutual Ascend Life Insurance Company .	Ownership	100.000	MMLIC		
. 0000			26-3260520				Manhattan National Holding, LLC	OH	NI A	MassMutual Ascend Life Insurance Company .	Ownership	100.000	MMLIC		
. 0435	Massachusetts Mut Life Ins Co	67083	45-0252531				Manhattan National Life Insurance Company	OH	IA	Manhattan National Holding LLC	Ownership	100.000	MMLIC	.	
										Massachusetts Mutual Life Insurance					
. 0000							MassMutual Mortgage Lending LLC	DE	NIA	Company	Ownership	100.000	MMLIC	.	
. 0000							Jefferies Private Credit BDC Inc	MD	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	.	
. 0000							JFIN GP Adviser LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Fund III LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							Jefferies Credit Partners LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							Apex Credit Partners LLC	DE	NI A	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC	.	
. 0000							Jefferies Credit Management LLC	DE	NI A	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC	.	
. 0000							JCP Direct Lending CLO 2022 LLC	DE	NI A	Jefferies Credit Partners LLC	Ownership	9.900	MMLIC		
							Jefferies Direct Lending Europe SCSp SICAV-	110/							
. 0000							RAIF	LUX	NIA	Jefferies Credit Partners LLC	Ownership	9.900	MMLIC		
. 0000							Jefferies Credit Management Holdings LLC	DE	NIA	Jefferies Credit Partners LLC	Ownership	9.900	MMLIC		
. 0000							Senior Credit Investments, LLC	DE	NIA	Jefferies Credit Partners LLC	Ownership	9.900	MMLIC		
. 0000							JDLF GP (Europe) S.a.r.l	LUX	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC		
. 0000							JFAM GP LLC	DE	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC		
. 0000							JFAM GP LP	DE	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC		
. 0000							Jefferies Direct Lending Fund C LP	DE	NIA	JFAM GP LP	Ownership	100.000	MMLIC	· [	
. 0000							Jefferies DLF C Holdings LLC	DE	NIA	Jefferies Direct Lending Fund C LLC	Ownership	100.000	MMLIC	· [	
. 0000							Jefferies Direct Lending Fund C SPE LLC	DE	NIA	Jefferies DLF C Holdings LLC	Ownership	100.000	MMLIC	· [ ······]	
. 0000							JDLF II GP LLC	DE	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC	· [	
. 0000							JDLF II GP LP	DE	NIA	JDLF II GP LLC	Ownership	100.000	MMLIC	· [	
. 0000							Jefferies Direct Lending Fund II C LP	DE	NIA	JDLF II GP LP	Ownership	100.000	MMLIC	. [	
. 0000							Jefferies DLF II C Holdings LLC	DE	NIA	Jefferies Direct Lending Fund II C LP	Ownership	100.000	MMLIC	· [ ······]	
. 0000							Jefferies Direct Lending Fund II C SPE LLC	DE	NIA	Jefferies DLF II C Holdings LLC	Ownership	100.000	MMLIC	. []	
. 0000							Jefferies Senior Lending LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	. []	
. 0000							Jefferies Credit Partners BDC Inc	MD	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	. [	
. 0000							JFIN Revolver Holdings LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	. [	
. 0000							JFIN Revolver Holdings II LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC	. []	
. 0000							JFIN Revolver Holdings IV LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC	. [	
. 0000							JFIN Co-Issuer Corporation	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC	. [	
. 0000							JFIN Europe GP, S.a.r.I.	LUX	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	. [	
. 0000							Jefferies Finance Europe, S.L.P	LUX	NIA	JFIN Europe GP, S.a.r.I.	Ownership	100.000	MMLIC	. []	
. 0000							Jefferies Finance Europe, SCSp	LUX	NIA	JFIN Europe GP, S.a.r.I.	Ownership	100.000	MMLIC	. [	
. 0000							Jefferies Finance Business Credit LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC	. []	
. 0000			.				JFIN Business Credit Fund I LLC	DE	NI A	Jefferies Finance Business Credit LLC	Ownership	100.000	MMLIC		

	PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Туре	If			1
											of Control	Control			1
											(Ownership,	is		Is an	1
						Name of Securities			Relation-		Board,	Owner-		SCA	1
						Exchange		Domi-	ship		Management,	ship		Filing	1
0		NAIC	ID.	Fadaval		if Publicly Traded	Names of	ciliary	to	Discotto Controllo diber	Attorney-in-Fact,	Provide	I litimonto Controllino	Re-	1
Group Code	Group Name	Company Code	ID Number	Federal RSSD	CIK	(U.S. or International)	Parent, Subsidiaries Or Affiliates	Loca- tion	Reporting Entity	Directly Controlled by (Name of Entity/Person)	Influence, Other)	Percen- tage	Ultimate Controlling Entity(ies)/Person(s)	quired? (Yes/No)	*
. 0000	Group Name	Code	Nullibei	NOOD	CIR	international)	JFIN Funding 2021 LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	(165/140)	
. 0000							JFIN High Yield Investments LLC	DE	NIA	Jefferies Finance LLC	Owner ship	100.000	MMLIC		1
. 0000							JEIN LC Fund LLC	DE	NIA	Jefferies Finance LLC	Owner ship	100.000	MML IC		1
. 0000							Beauty Brands Acquisition Holdings LLC	DE	NI A	Jefferies Finance LLC	Ownership		MMLIC		l
. 0000							Beauty Brands Acquisition LLC	DE	NI A	Beauty Brands Acquisition Holdings LLC	Ownership	100.000	MMLIC		
. 0000							Beauty Brands Acquisition Intermediate LLC .	DE	NI A	Beauty Brands Acquisition LLC	Ownership	100.000	MMLIC		
										Beauty Brands Acquisition Intermediate LLC					1
. 0000							FB Acquisition LLC	DE	NI A		Ownership	100.000	MMLIC		
. 0000							JFIN Revolver CLO 2017 Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Revolver CLO 2017-II Ltd	CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Revolver CLO 2017-III Ltd	CYM	NIA NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		l
. 0000							JFIN Revolver CLO 2018 Ltd	CYM	NIA	Jefferies Finance LLC	Ownership		MMLIC		1
. 0000							JFIN Revolver CLO 2019 Ltd	CYM	NIA	Jefferies Finance LLC	Owner strip	100.000	MMLIC		l
. 0000							JFIN Revolver CLO 2020 Ltd.	CYM	NIA	Jefferies Finance LLC	Owner ship	100.000	MMLIC		
. 0000							JFIN Revolver CLO 2021-II Ltd.	CYM	NIA	Jefferies Finance LLC	Owner ship	100.000	MML IC		1
. 0000							JFIN Revolver CLO 2021-V Ltd.	CYM	NIA	Jefferies Finance LLC	Ownership		MMLIC		1
. 0000							JFIN Revolver CLO 2022-II Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		l
. 0000							JFIN Revolver CLO 2022-III Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		l
. 0000							JFIN Revolver CLO 2022-IV Ltd	CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Revolver Fund, L.P	DE	NI A	Jefferies Finance LLC	Ownership	90.000	MMLIC		
. 0000							JFIN Revolver Funding 2021 Ltd	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Revolver Funding 2021 III Ltd	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Revolver Funding 2021 IV Ltd	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Revolver Funding 2022-I Ltd	BMU	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Revolver SPE1 2022 LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
. 0000							JFIN Revolver SPE3 2022 LLC	DE	NIA	Jefferies Finance LLC	Ownership		MMLIC		1
. 0000							SFL Parkway Funding 2022 LLC	DE	NIA	Jefferies Finance LLC	Owner ship	100.000	MMLIC		l
. 0000							Apex Credit Holdings LLC	DE	NIA	JFIN Parent LLC	Ownership	100.000	MMLIC		1
. 0000							JFIN CLO 2012 Ltd.	CYM	NI A	Apex Credit Partners LLC	Owner ship	100.000	MMLIC		
. 0000							JFIN CLO 2013 Ltd.	CYM	NI A	Apex Credit Partners LLC	Ownership.	100.000	MMLIC		1
. 0000							JFIN CLO 2014 Ltd.	CYM	NIA	Apex Credit Partners LLC	Ownership		MMLIC		1
. 0000							JFIN CLO 2014-II Ltd	CYM	NI A	Apex Credit Partners LLC	Ownership	100.000	MMLIC		l
. 0000							JFIN CLO 2015 Ltd	CYM	NIA	Apex Credit Partners LLC	Ownership	100.000	MMLIC		
. 0000							JFIN CLO 2015-II Ltd	CYM	NIA	Apex Credit Partners LLC	Ownership	85.000	MMLIC		
. 0000							JFIN CLO 2016 Ltd	CYM	NIA	Apex Credit Partners LLC	Owner ship	100.000	MMLIC		
. 0000							JFIN CLO 2017 Ltd	CYM	NIA	Apex Credit Partners LLC	Ownership	100.000	MMLIC		
. 0000							JFIN CLO 2017-II Ltd	CYM	NIA	Apex Credit Partners LLC	Ownership	100.000	MMLIC		
. 0000							Tomorrow Parent, LLC	DE	NI A	JFIN Parent LLC	Ownership	100.000	MMLIC		
. 0000							Custom Ecology Holdco, LLC	DE	NI A	JFIN Parent LLC	Ownership	100.000	MMLIC		
. 0000		1	04-1590850				MM Copper Hill Road LLC	DE	NI A	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MML1C		1
. 0000		l	U+- 1030000				mm copper mili noau LLC	E	NIA	Massachusetts Mutual Life Insurance	OMITE! 2111h		INVILIO		
. 0000		[					MM Direct Private Investments Holding LLC	DE	NI A	Company	Ownership	100.000	MMLIC		l
. 0000							MM Direct Private Investments UK Limited	GBR	NIA	MM Direct Private Investments Holding LLC	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					i
. 0000							DPI-ACRES Capital LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000							MM Investment Holding	CYM	NIA	Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		i
. 0000							www.investment.moraing	UYM	NI A	Company	owner snip		WIVIL I U		(

	PART TA - DETAIL OF INSURANCE HOLDING COMPANT STSTEM														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Type	If			1 1
											of Control	Control			1
											(Ownership,	is		Is an	1
						Name of Securities			Relation-		Board,	Owner-		SCA	1
						Exchange		Domi-	ship		Management,	ship		Filing	1
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	1
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	1
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
. 0000	Group Hame	Couc	Number	ROOD	Oiix	international	MMIH Bond Holdings LLC	DE	NIA	MM Investment Holding	Ownership	99.600	MMLIC	(103/140)	<del>                                     </del>
. 0000			26-0073611				MassMutual Asset Finance LLC	DE	NIA	MM Investment Holding	Owner ship.	99.600	MMLIC		
. 0000			26-0073611				MassMutual Asset Finance LLC	DE	NIA	C.M. Life Insurance Company	Owner ship.	0.400	MMLIC		
. 0000			36-4785301				MMAF Equipment Finance LLC 2014-A	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
. 0000			35-2590691				MMAF Equipment Finance LLC 2014-A	DE	NIA	MassMutual Asset Finance LLC	Owner ship	100.000	MWLIG		
. 0000			32-0546197				MMAF Equipment Finance LLC 2017-A	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
. 0000			82-5335801				MMAF Equipment Finance LLC 2017-5	DE	NIA	MassMutual Asset Finance LLC	Owner ship	100.000	MMLIC		
. 0000			83-3722640				MMAF Equipment Finance LLC 2010-A	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
. 0000			03-3/22040				MMAF Equipment Finance LLC 2019-A	DE	NIA	MassMutual Asset Finance LLC		100.000	MMLIC		
							MMAF Equipment Finance LLC 2019-B	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
. 0000								DE	NIA	MassMutual Asset Finance LLC	******		MMLIC		
. 0000							MMAF Equipment Finance LLC 2020-B				Ownership	100.000	MMLIC		
. 0000							MMAF Equipment Finance LLC 2021-A	DE	NIA	MassMutual Asset Finance LLC	Ownership		MMLIC		
. 0000							MMAF Equipment Finance LLC 2022-A	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000			
. 0000							MMAF Equipment Finance LLC 2022-B	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
. 0000							Rozier LLC	DE	NIA	MassMutual Asset Finance LLC	Owner ship	100.000	MMLIC		
. 0000			04-2443240				MML Management Corporation	MA	NIA	MM Investment Holding	Owner ship	100.000	MMLIC		
. 0000			04-3548444				MassMutual International Holding MSC, Inc	MA	NIA	MML Management Corporation	Ownership	100.000	MMLIC		
. 0000			04-3341767				MassMutual Holding MSC, Inc	MA	NIA	MML Management Corporation	Owner ship	100.000	MMLIC		
0000							MIII CM II C	DE	NIA	Massachusetts Mutual Life Insurance		100.000	MMLIC		1
. 0000							MML CM LLC	DE		Company	Ownership		MMLIC		
. 0000							Blueprint Income LLC		NIA	MML CM LLC	Ownership	100.000			
. 0000							Flourish Digital Assets LLC	DE	NIA	MML CM LLC	Owner ship	100.000	MMLIC		
. 0000							Flourish Financial LLC	DE	NIA	MML CM LLC	Owner ship	100.000	MMLIC		
. 0000							Flourish Holding Company LLC	DE	NIA	MML CM LLC	Ownership	100.000	MMLIC		
. 0000							Flourish Insurance Agency LLC	DE	NIA	MML CM LLC	Owner ship	100.000	MMLIC		
. 0000							Flourish Technologies LLC	DE	NIA	MML CM LLC	Ownership	100.000	MMLIC		
0000			04-3356880				MML Distributors LLC	MA	NIA	Massachusetts Mutual Life Insurance	Ownership	99.000	MMLIC		1
. 0000			04-3356880				MML Distributors LLC	MA	NIA	Company MassMutual Holding LLC	Ownership	1.000	MMLIC		
. 0000			04-3336880				MML DISTRIBUTORS LLC	MA	NIA	Massachusetts Mutual Life Insurance	Ownersnip	1.000	MMLIC		
. 0000							MML Investment Advisers. LLC	DE	NIA	Company	Owner ship	100.000	MM_IC		1
. 0000							MML IIIVeStillerit Advisers, LLC	DE	NIA	Massachusetts Mutual Life Insurance	owner simp	100.000	WWLTC		
. 0000			46-3238013				MML Strategic Distributors, LLC	DE	NIA	Company	Owner ship	100.000	MMLIC		1
			02000				Time ottatogra brott ibatoro, 220 iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii			Massachusetts Mutual Life Insurance					
. 0000			06-1563535	2881445			The MassMutual Trust Company, FSB	CT	NI A	Company	Ownership	100.000	MMLIC		
							MML Private Placement Investment Company I,			Massachusetts Mutual Life Insurance					1
. 0000			04-1590850				LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					1
. 0000			04-1590850				MML Private Equity Fund Investor LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
. 0000			04-1590850				MML Private Equity Fund Investor LLC	DE	NI A	Baring Asset Management Limited	Management		MMLIC		
										Massachusetts Mutual Life Insurance					1
. 0000			04-1590850				MM Private Equity Intercontinental LLC	DE	NIA	Company	Owner ship	100.000	MMLIC		
0000			45 0700407				D: 0.4.110	DE	NΙΔ	Massachusetts Mutual Life Insurance		400.000	188 10		1
. 0000			45-2738137				Pioneers Gate LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000			04-2854319	2392316			MassMutual Holding LLC	DE	NIA	Company	Ownership	100.000	MMLIC	1	1
. 0000			06-1597528	2032010			MassMutual Assignment Company	NC	NIA	MassMutual Holding LLC	Owner ship	100.000	MALIC		
. 0000			37-1732913				Fern Street LLC	NC	NIA	MassMutual Holding LLC	Owner ship	100.000	MMLIC		
. 0000			01-1102813				Low Carbon Energy Holding	GBR	NIA	MassMutual Holding LLC	Ownership	49.000	MMLIC		
. 0000							Sleeper Street LLC	BH	NIA	MassMutual Holding LLC	Ownership	49.000	MMLIC		
. 0000			46-2252944				Haven Life Insurance Agency, LLC	DF	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
. 0000			40-2232944				maven lite insurance agency, LLC	VE	N I N	massmutuai noiding LLC	owner strip	100.000	WWLIU		1

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	, ID	Federal	0114	(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	4
. 0000			04-1590850				MassMutual Capital Partners LLC	DE	NI A	MassMutual Holding LLC	Owner ship	100.000	MMLIC		
. 0000			46-4255307				Marco Hotel LLC	DE	NI A	MassMutual Holding LLC	Ownership	100.000	MMLIC		
. 0000			45-3623262				HB Naples Golf Owner LLC	DE	NI A	MassMutual Holding LLC	Ownership	100.000	MMLIC		
. 0000			82-4411267				RB Apartments LLC	DE	NI A	MassMutual Holding LLC	Ownership	100.000	MMLIC		
. 0000							Athens Fund Management LLC	DE	NIA	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
. 0000							Crane Venture Partners LLP	GBR	NIA	MassMutual Ventures Holding LLC	Owner ship	33.000	MMLIC		
. 0000							MassMutual Ventures Management LLC	DE	NI A	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
. 0000						••••••	MassMutual Ventures SEA Management Private	DL		massmatuar ventures norumg LEO	Office Strip		WWL 10		
. 0000							Limited	DE	NI A	MassMutual Ventures Management LLC	Ownership		MMLIC		
. 0000							MassMutual Ventures Southeast Asia I LLC	DE	NI A	MassMutual Ventures Holding LLC	Ownership		MMLIC		
. 0000							MassMutual Ventures Southeast Asia II LLC	DE	NI A	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
. 0000							MassMutual Ventures Southeast Asia III LLC .	DE	NI A	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
										MassMutual Ventures Southeast Asia III LLC					
. 0000							MMV Digital I LLC	CYM	NI A		Ownership	100.000	MMLIC		
. 0000							MassMutual Ventures UK LLC	DE	NI A	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
. 0000			47-1296410				MassMutual Ventures US I LLC	DE	NI A	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
. 0000							MassMutual Ventures US II LLC	DE	NI A	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
. 0000							MassMutual Ventures US III LLC	DE	NI A	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
. 0000							MassMutual Ventures US IV LLC	DE	NI A	MassMutual Ventures Holding LLC	Ownership	100.000	MMLIC		
. 0000			04-1590850				MM Rothesay Holdco US LLC	DE	NI A	MassMutual Holding LLC	Ownership	100.000	MMLIC		
. 0000							Rothesay Limited	GBR	NI A	MM Rothesay Holdco US LLC	Ownership	48.800	MMLIC		
. 0000							Rothesay Life Plc	GBR	NI A	Rothesay Limited	Ownership	100.000	MMLIC		
. 0000							Rothesay MA No.1 Limited	GBR	NIA	Rothesay Life PLC	Ownership	100.000	MMLIC		
. 0000							Rothesay MA No.3 Limited	GBR	NIA	Rothesay Life PLC	Ownership		MMLIC		
. 0000							Rothesay MA No.4 Limited	GBR	NI A	Rothesay Life PLC	Ownership	100.000	MM_IC		
. 0000							LT Mortgage Finance Limited	GBR	NI A	Rothesay Life PLC	Ownership	100.000	MMLIC		
. 0000							Rothesay Property Partnership 1 LLP	GBR	NIA	Rothesay Life PLC	Owner ship	100.000	MMLIC		
. 0000							Rothesay Foundation	GBR	NIA	Rothesay Limited	Owner ship	100.000	MMLIC		
. 0000							Rothesay Pensions Management Limited	GBR	NI A	Rothesav Limited	Ownership		MMLIC		
. 0000							Rothesay Asset Management UK Limited	GBR	NIA	Rothesay Limited	Owner ship	100.000	MMLIC		
. 0000							Rothesay Asset Management Australia Pty Ltd	AUS	NI A	Rothesay Asset Management UK Limited	Ownership		MMLIC		
. 0000							Rothesay Asset Management North America LLC	DE	NI A	Rothesay Asset Management UK Limited	Ownership	100.000	MMLIC		
. 0000							MM Catalyst Fund LLC	DE	NI A	MassMutual Holding LLC	Ownership	100.000	MMLIC		
. 0000			47-1466022				LifeScore Labs, LLC	MA	NI A	MassMutual Holding LLC	Ownership	100.000	MMLIC		
. 0000			45-4000072				MM Asset Management Holding LLC	MA	NI A	MassMutual Holding LLC	Ownership		MMLIC		
. 0000			04-1590850				MML Investors Services, LLC	MA	NI A	MassMutual Holding LLC	Ownership		MMLIC		
. 0000			04-1590850				MML Insurance Agency, LLC	MA	NI A	MML Investors Services, LLC	Ownership	100.000	MMLIC		
. 0000			41-2011634				MMLISI Financial Alliances, LLC	DE	NI A	MML Investors Services, LLC	Ownership	100.000	MMLIC		
. 0000			51-0504477				Barings LLC	DE	NI A	MassMutual Asset Management Holding LLC	Ownership	100.000	MMLIC		
0000			00 0504074				Baring Asset Management (Asia) Holdings	11/2	ALL A	Danisara II O	0	100 000	IMM 10		
. 0000			98-0524271				Limited	<b>HK</b> G	NI A	Barings LLC	Ownership	100.000	MMLIC		
. 0000			98-0457465				Limited	BMU	NI A	Limited	Ownership	100.000	MMLIC		
. 3000			000 0407400				Limitod			Baring Asset Management (Asia) Holdings	omor on p.				
. 0000			98-0457463				Baring Asset Management (Asia) Limited	HKG	NI A	Limited	Ownership	100.000	MMLIC		.[
. 0000							Baring Asset Management Korea Limited	K0R	NI A	Baring Asset Management (Asia) Limited	Ownership	100.000	MMLIC		.[

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						Name of Securities		<b>D</b>	Relation-		Board,	Owner-		SCA	
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		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No	*
							Barings Investment Management (Shanghai)								
. 0000							Limited	HKG	NI A	Baring Asset Management (Asia) Limited	Ownership	100.000	. MMLIC		
							Barings Overseas Investment Fund Management			Barings Investment Management (Shanghai)					
. 0000							(Shanghai) Limited	HKG	NIA	Limited	Ownership	100.000	. MMLIC		
										Baring Asset Management (Asia) Holdings					
. 0000			98-0457707				Baring SICE (Taiwan) Limited	TWN	NIA	Limited	Ownership	100.000	. MMLIC		
										Baring Asset Management (Asia) Holdings					
. 0000							Barings Singapore Pte. Ltd	SGP	NIA	Limited	Ownership	100.000	. MMLIC		
										Baring Asset Management (Asia) Holdings					
. 0000			98-0236449				Barings Japan Limited	JPN	NIA	Limited	Ownership	100.000	MMLIC		
				[						Baring Asset Management (Asia) Holdings		400			
. 0000							Barings Australia Holding Company Pty Ltd	AUS	NI A	Limited	Ownership	100.000	MMLIC		
. 0000							Barings Australia Pty Ltd	AUS	NIA	Barings Australia Holding Company Pty Ltd	Ownership	100.000	. MMLIC		
							Barings Australia Real Estate Holdings Pty								
. 0000							Ltd	AUS	NI A	Barings LLC	Ownership	100.000	MMLIC		
										Barings Australia Real Estate Holdings Pty					
. 0000			14-0045656				Barings Australia Real Estate Pty Ltd	AUS	NIA	Ltd	Ownership	100.000	. MMLIC		
. 0000			98-0457456				Altis Property Partners Holdings Pty Ltd	AUS		Barings Australia Real Estate Pty Ltd	Ownership	100.000	MMLIC		
. 0000							Altis Asset Management Pty Ltd	AUS	NIA	Altis Property Partners Holdings Pty Ltd .	Ownership	100.000	. MMLIC		
. 0000							Altis Property Partners Pty Ltd	AUS	NIA	Altis Property Partners Holdings Pty Ltd .	Ownership	100.000	MMLIC		
. 0000			80-0875475				Barings Finance LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		
. 0000							BCF Europe Funding Limited	IRL	NIA	Barings Finance LLC	Ownership	100.000	MMLIC		
. 0000							BCF Senior Funding   LLC	DE	NIA	Barings Finance LLC	Owner ship	100.000	MML IC		
							BCF Senior Funding   Designated Activity								
. 0000			l	l			Company	IRL	NIA	Barings Finance LLC	Ownership	100.000	MMLIC		
. 0000							Barings Real Estate Acquisitions LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		
. 0000			04-3238351				Barings Securities LLC	DE		Barings LLC	Owner ship.	100.000	MMLIC		
. 0000			98-0437588			***************************************	Barings Guernsey Limited	GGY		Barings LLC	Ownership.	100.000	MMLIC		
. 0000			30-0437300				Barings Europe Limited	GBR		Barings Guernsev Limited	Owner ship.	100.000	MMLIC		
. 0000							Barings Asset Management Spain SL	ESP		Barings Europe Limited	Owner ship	100.000	MMLIC		
								FRA	NIA		Ownership	100.000	MMLIC		
. 0000							Baring France SAS	rka	NI A	Barings Europe Limited	owner snip	100.000	. WWLIC		
. 0000				[			Limited	IRL	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
. 0000							Barings GmbH	DEU	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
											•				
. 0000							Barings Italy S.r.I.	ITA		Barings Europe Limited	Owner ship	100.000	. MMLIC		
. 0000							Barings Sweden AB	SWE		Barings Europe Limited	Ownership	100.000	MMLIC		
. 0000							Barings Netherlands B.V.	NLD		Barings Europe Limited	Ownership	100.000	. MMLIC		
. 0000			98-0432153				Barings (U.K.) Limited	GBR		Barings Europe Limited	Owner ship	100.000	. MMLIC		
. 0000							Barings Switzerland Sàrl	CHE	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
. 0000			98-0241935				Baring Asset Management Limited	GBR	NIA	Barings Europe Limited	Owner ship	100.000	. MMLIC		
. 0000							Barings European Direct Lending 1 GP LLP	GBR	NIA	Baring Asset Management Limited	Ownership	100.000	. MMLIC		
. 0000			98-0457328				Baring International Investment Limited	GBR	NIA	Baring Asset Management Limited	Owner ship	100.000	MMLIC		
							Baring International Investment Management			• · · · · · · · · · · · · · · · · · · ·					
. 0000			98-0457587				Holdings	GBR	NIA	Baring Asset Management Limited	Ownership	100.000	. MMLIC		
							_			Baring International Investment Management	· ·				
. 0000			98-0457576				Baring Asset Management UK Holdings Limited	GBR	NIA	Holdings	Ownership	100.000	. MMLIC		
. 0000			98-0457586				Baring Fund Managers Limited	GBR	NIA	Baring Asset Management Limited	Owner ship	100.000	MMLIC	l	
. 0000			l	<u></u>			BCGSS 2 GP LLP	GBR		Baring Fund Managers Limited	Owner ship	100.000	MMLIC	l	l l
. 0000			98-0457578				Baring Investment Services Limited	GBR		Baring Asset Management Limited	Ownership.	100.000	MMLIC		
. 0000			0.0101010				Barings Core Fund Feeder I GP S.à.r.I.	LUX		Baring Asset Management Limited	Ownership.	100.000	MMLIC		
. 0000							Barings BME GP S.à.r.I.	GBR		Baring Asset Management Limited	Ownership.	100.000	MMLIC		
. 0000							Dai 11195 DINE OF 3.4.1.1	upn	INTA	Dai my Mobel Managemetti Littilleu	Omitet 2111h	100.000	WIVIL I V		

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	/ *
. 0000							Barings GPC GP S.à. r.l	LUX	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
. 0000							Barings European Core Property Fund GP Sàrl	GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
. 0000							Barings Investment Fund (LUX) GP S.à. r.I .	LUX	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
. 0000							Barings Umbrella Fund (LUX) GP S.à.r.I	LUX	NI A	Baring Asset Management Limited	Ownership	100.000	MMLIC		
. 0000							GPLF4(S) GP S.à r. I	LUX	NIA	Baring Asset Management Limited	Owner ship	100.000	MMLIC		
. 0000							PREIF Holdings Limited Partnership	GBR	NIA	Baring Asset Management Limited	Owner ship	100.000	MMLIC		
. 0000							BMC Holdings DE LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
. 0000			04-3238351	3456895			Barings Real Estate Advisers Inc	CA	NIA	Barings LLC	Ownership	100.000	MMLIC		
. 0000			81-2244465				Chassis Acquisition Holding LLC	DE	NIA	Company	Ownership/Influence	30.000	MMLIC		
. 0000			01-2244400				Chassis Acquisition notating LEC	DL		Massachusetts Mutual Life Insurance	Owner Sirrp/ IIII ruence		WWILTO		
. 0000		l	81-4258759				CRA Aircraft Holding LLC	DE	NI A	Company	Ownership/Influence	40.000	MMLIC		!
. 0000		l	81-4258759				CRA Aircraft Holding LLC	DE	NI A	Barings LLC	Influence		MMLIC		!
. 0000			83-0560183				Aland Royalty Holdings LP	DE	NI A	MassMutual Holding LLC	Ownership/Influence		MMLIC		!
. 0000			83-0560183				Aland Royalty Holdings LP	DE	NI A	Barings LLC	Management		MMLIC		
. 0000			82-2932156				GASL Holdings LLC	DE	NIA	MassMutual Holding LLC	Ownership		MMLIC		,
. 0000			82-2932156				GASL Holdings LLC	DE	NIA	Barings LLC	Board		MMLIC		,
							_			Massachusetts Mutual Life Insurance					
. 0000			46-2344300				Intermodal Holdings II LLC	DE	NIA	Company	Ownership	18.000	MMLIC		!
. 0000			46-2344300				Intermodal Holdings II LLC	DE	NIA	Barings LLC	Management		MMLIC		
. 0000			47-3055009				Milestone Acquisition Holding, LLC	DE	NIA	MassMutual Holding LLC	Ownership/Influence	19.800	MMLIC		
										Massachusetts Mutual Life Insurance		.=			
. 0000							Novation Companies, Inc.	MD	NIA	Company	Ownership	17.100	MMLIC		
. 0000							Novation Companies, Inc.	MD	NIA	Barings LLC	Influence		MMLIC		
. 0000			46-5460309				Red Lake Ventures. LLC	DE	NIA	Company	Ownership/Influence	31.500	MMLIC		
. 0000			46-5460309				Red Lake Ventures, LLC	DE	NIA	Barings LLC	Influence		MMLIC		
. 0000			10 0100000				TIOU LUNG VOITUI GO, LLO			Massachusetts Mutual Life Insurance	THI TUONGO.				
. 0000			81-4065378				Remington L & W Holdings LLC	DE	NIA	Company	Ownership/Influence	19.900	MMLIC		,
. 0000			81-4065378				Remington L & W Holdings LLC	DE	NIA	Barings LLC	Influence		MMLIC		,
										Massachusetts Mutual Life Insurance					
. 0000							Tamiami Citrus, LLC	DE	NIA	Company	Ownership	15.700	MMLIC		
. 0000							Tamiami Citrus, LLC	DE	NI A	Barings LLC	Management/Board		MMLIC		
. 0000							Teaktree Acquisition, LLC	DE	NIA	MassMutual Holding LLC	Ownership/Influence	14.700	MMLIC		
. 0000							Teaktree Acquisition, LLC	DE	NIA	Barings LLC	Influence		MMLIC		
. 0000							Techquity, LP	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	15.600	MMLIC		
. 0000							Techquity, LP	DE	NIA	Barings LLC	Influence	15.600	MMLIC		
. 0000						•••••	recnquity, LP	DE	NIA	Massachusetts Mutual Life Insurance	Intluence		MMLIC		
. 0000							EIP Holdings I. LLC	DE	NIA	Company	Ownership/Influence	29.000	MMLIC		
. 0000		l	46-0687392				Validus Holding Company LLC	DE		Barings LLC	Ownership.	40.400	MMLIC		,
. 0000							VGS Acquisition Holding, LLC	DE	NIA	MassMutual Holding LLC	Owner ship/Influence	33.300	MMLIC		,
. 0000							VGS Acquisition Holding, LLC	DE	NI A	Barings LLC	Management		MMLIC		
. 0000							Aland Royalty GP, LLC	DE	NI A	Barings LLC	Ownership	100.000	MMLIC		/
. 0000							Alaska Future Fund GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		/
. 0000							BAI GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		/
. 0000							BAI Funds SLP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		/
. 0000							Baring Asset-Based Income Fund (US) GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
. 0000							Barings CMS Fund GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		<sup>!</sup>
. 0000							Barings Infiniti Fund Management LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		.  <sup> </sup>

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						Name of Securities			Relation-		Board,	Owner-		SCA	ı
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		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	ı
Group		Company	ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	ı
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
	P					,				Massachusetts Mutual Life Insurance	1 ,		3,, (-,	//	(
. 0000							Barings Hotel Opportunity Venture I GP, LLC	DE	NIA	Company	Ownership		MMLIC		ı
. 0000							Barings Investment Series LLC	DE	NIA	Barings LLC	Ownership		MMLIC		
. 0000							Barings Emerging Generation Fund GP, LLC	DE	NIA	Barings LLC	Ownership		MMLIC		
. 0000							Barings Emerging Generation Fund GP, LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		
								DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		,
. 0000							Barings ERS PE Emerging Manager III GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
0000			. 04-1590850				Barings Global Investment Funds (U.S.)	DE		Barings LLC	Owner ship	100.000	MMLIC		ı
. 0000			. 04-1590850				Management LLC		NIA						ı · · · · · · · · · · · · · · · · · · ·
. 0000							Barings CLO Investment Partners GP, LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		,·····
. 0000							Barings Core Property Fund GP LLC	DE	NI A	Barings LLC	Ownership	100.000	MMLIC		
. 0000							Barings Direct Lending GP Ltd	CYM	NIA	Barings LLC	Ownership	100.000	MMLIC		i
										Massachusetts Mutual Life Insurance					ı I
. 0000			. 84–3784245				Barings Emerging Generation Fund LP	DE	NIA	Company	Ownership	42.600	MMLIC		ı
. 0000			. 84-3784245				Barings Emerging Generation Fund LP	DE	NIA	Barings LLC	Management		MMLIC		
							Barings Global Energy Infrastructure								ı I
. 0000							Advisors, LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		i
							Barings Centre Street CLO Equity Partnership								ı
. 0000							GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
							Barings North American Private Loan Fund								ı
. 0000							Management, LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		
							Barings North American Private Loan Fund II								ı
. 0000							Management, LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		
							Barings North American Private Loan Fund III								ı
. 0000							Management, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		ı
							Barings Global Special Situations Credit Fund								ı
. 0000							4 GP (Delaware) LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		ı
. 0000							Barings - MM Revolver Fund GP LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		ı
. 0000							BMT RE Debt Fund GP LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
. 0000							Barings Global Real Assets Fund GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		,
. 0000							Barings GPSF LLC	DE	NI A	Barings LLC	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					ı
. 0000			. 84-5063008				Barings Small Business Fund LLC	DE	NI A	Company	Ownership	33.600	MMLIC		
. 0000			. 84-5063008				Barings Small Business Fund LLC	DE	NIA	Barings LLC	Management		MMLIC		ı
. 0000			. 98-0536233	l		l	Benton Street Advisors, Inc.	CYM	NI A	Barings LLC	Owner ship	100.000	MMLIC		i l
. 0000		I		1		l	BHOVI Incentive LLC	DE	NIA	Barings LLC	Ownership		MMLIC	[	í l
. 0000		l	.]	1			BIG Real Estate Fund GP LLC	DE	NIA	Barings LLC	Ownership		MMLIC		
. 0000			1	1			BIG Real Estate Incentive I LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		,
. 0000							BIG Real Estate Incentive II LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		,
. 0000							BRECS VII GP LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		
							BREDIF GP LLC	DE							ı · · · · · · · · · · · · · · · · · · ·
. 0000									NIA	Barings LLC	Owner ship		MMLIC		
. 0000		·····					CREF X GP LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		,
. 0000			. 04-1590850				Great Lakes III GP, LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		,
. 0000							Lake Jackson LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		,
		1					Barings Emerging Markets Blended Fund I GP,			L	L		l		, l
. 0000							LLC	DE	NIA	Barings LLC	Owner ship	100.000	MMLIC		,
. 0000			. 41–2280126				Mezzco III LLC	DE	NIA	Barings LLC	Ownership	99.300	MMLIC	[	<sub>1</sub>
. 0000			. 80-0920285				Mezzco IV LLC	DE	NIA	Barings LLC	Ownership	99.300	MMLIC		<sub>1</sub>
. 0000			.				Mezzco Australia II LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
. 0000			.				RECSA-NY GP LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		, l
. 0000		L	. 04-1590850				SBNP SIA II LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		(
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The company			
Name of Secondary   Country   Coun	15	5 1	16
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Name of Securities			
Name of Securities   Name of Securities   Name of Securities   Secur	Is an	an	
Exchange   Public   Triple   Corpus   Names of Group Name   Corpus   Corp	SCA		
Cloud   Company   Code   Code   Number   Feebral   Feebral   Feebral   Code   Number   Code   Code   Number   Feebral   Code   Number   Code	Filing		
Code   Code   Code   Number   Festeral   (U.S. or   Parent, Subsidiaries   Loca   Exposure   Code   Number   Festeral   (U.S. or   Parent, Subsidiaries   Loca   Exposure   Code   Number   Festeral   Code   Nu	Re-	-	
Code   Circup Name   Code   Number   RSSD   Circ   International   Circ   Number   RSSD   Circ   International   Circ   RSSD   Circ   International   Circ   RSSD   Circ   RSSD   Circ   RSSD			
	n(s) (Yes/No		*
Ameris Long Tern Holdings, LLC   28.   Nil.   Crystally Content to Mula Life Houseners   0.4 and 16.   0.4 and 1	1(5) (165/110	/110)	
March Long   res yeldings, LLC   C.C.   M.B.   Description   S.C.   S.C.   M.B.			
Description			
Number   Financial   Group Limited   MS.			
December			
Description			
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DOCO			
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0000   82-982216   300 Suth Tryon Hotel LLC   DE   NI			
000			
0000   00000   00000   00000   00000   00000   00000   00000   00000			
Alrack Mezzanine Fund     Unleveraged LP   GBR   Massachusetts Mutual Life Insurance Company   Connership/Influence   72.900   MM_LC			
Almack Mezzanine Fund   I Unleveraged LP			
Barings Affordable Housing Mortgage Fund   LC   Company   Compan			
December			
Dec.			
Bar ings Affordable Housing Mortgage Fund II   LLC   DE   NIA   Company   Ownership   Ownership   De   De   De   De   De   De   De   D			
0000   61-1902329     LLC			
Barings Affordable Housing Mortgage Fund II   LLC			
0000   0000			
Barings Affordable Housing Mortgage Fund III   LC   DE   NIA   Company   Ownership   Own			
0000   85-3036663     LLC			
Barings Affordable Housing Mortgage Fund III   DE. NIA   Barings LLC   Management   MMLIC			
0000   0000			
. 0000			
. 0000			
. 0000			
Barings Emerging Markets Corporate Bond Fund  .0000  Barings Emerging Markets Corporate Bond Fund  IRL NIA Company  NIA Company  Ownership/Influence52.900  Ownership/Influence			
. 0000			
Barings Emerging Markets Corporate Bond Fund    Barings Electropean Real Estate Debt Income Fund   Massachusetts Mutual Life Insurance   17.100   MMLIC   17.10			
.0000 Barings LLC NIA. Barings LLC Ownership 17.100 MMLIC Massachusetts Mutual Life Insurance			
Barings European Real Estate Debt Income Fund Massachusetts Mutual Life Insurance			
Barings European Real Estate Debt Income Fund			
. 0000 LUX. NIA. Barings LLC Influence. MMLIC			
Babson Capital Global Special Situation			
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Babson Capital Global Special Situation			
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						Name of Securities		l	Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
0		NAIC	ID.	Fadasal		if Publicly Traded	Names of Parent, Subsidiaries	ciliary	to	Discotto Controllo di bu	Attorney-in-Fact,	Provide	Lilting at a Controlling	Re-	
Group Code	Group Name	Company Code	ID Number	Federal RSSD	CIK	(U.S. or International)	Or Affiliates	Loca- tion	Reporting Entity	Directly Controlled by (Name of Entity/Person)	Influence, Other)	Percen- tage	Ultimate Controlling Entity(ies)/Person(s)	quired? (Yes/No)	*
Code	Group Name	Code	Number	KOOD	CIK	international)	Babson Capital Global Special Situation	lion	Entity	(Name of Entity/Person)	Other)	tage	Entity(les)/Person(s)	(Yes/No)	4
. 0000			98-1206017				Credit Fund 2	DE	NIA	Barings LLC	. Management		MMLIC		
							0.001, 10.00 =			Massachusetts Mutual Life Insurance					
. 0000			37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NI A	Company	Ownership/Influence	75.700	MMLIC		
. 0000			37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NI A	C.M. Life Insurance Company	Ownership	3.800	MMLIC		
. 0000			. 37–1506417				Babson Capital Loan Strategies Fund, L.P	DE	NIA	Barings LLC Massachusetts Mutual Life Insurance	. Management		MMLIC		
. 0000							Barings US High Yield Bond Fund	IRL	NIA	Company	Ownership/Influence	54.600	MMLIC		
. 0000							Barings US High Yield Bond Fund	IRL	NIA	Barings LLC	. Management		MMLIC		
. 0000							Babson CLO Ltd. 2013-I	CYM	NIA NIA	Barings LLC	Influence		MMLIC		2
. 0000							Babson CLO Ltd. 2015-I	CYM	NIA NIA	Barings LLC	Influence		MMLIC		3
. 0000							Babson CLO Ltd. 2015-11	CYM	NIA	Barings LLC	Influence		MMLIC		4
. 0000							Babson CLO Ltd. 2016-1	CYM	NIA	Barings LLC	Influence		MMLIC		
. 0000							Barings CL0 Ltd. 2017-1	CYM	NIA	Barings LLC	Influence		MMLIC		
. 0000							Barings CLO 2018-111	CYM	NIA	Barings LLC	Influence.		MMLIC		
. 0000							Barings CLO 2018-IV	CYM	NI A	Barings LLC	. Influence		MMLIC		
. 0000			98-1473665				Barings CLO 2019-II	CYM	NI A	Barings LLC	. Influence		MMLIC		
. 0000							Barings CLO 2019-III	CYM	NIA	Barings LLC	Influence		MMLIC		
. 0000							Barings CLO 2019-IV	CYM	NI A	Barings LLC	. Influence.		MMLIC		
. 0000							Barings CLO 2020-I	CYM	NIA	Barings LLC	. Influence		MMLIC		
. 0000							Barings CLO 2020-II	CYM	NIA	Barings LLC	. Influence		MMLIC		
. 0000							Barings CLO 2020-III	CYM	NIA	Barings LLC	. Influence		MMLIC		
. 0000							Barings CLO 2020-IV	CYM	NI A	Barings LLC	. Influence		MMLIC		
. 0000							Barings CLO 2021-I	CYM	NIA	Barings LLC	. Influence		MMLIC		
. 0000							Barings CLO 2021-II	CYM	NIA	Barings LLC	. Influence		MMLIC		
. 0000							Barings CLO 2021-III	CYM	NIA	Barings LLC	. Influence		MMLIC		
. 0000			98-1624360				Barings CLO 2022-I	CYM	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence		MMLIC		
. 0000							Barings CLO 2022-II	CYM	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence		MMLIC		
. 0000							Babson Euro CLO 2014-1 BV	NLD	NIA	Barings LLC	Influence		MMLIC		
. 0000							Babson Euro CLO 2014-1 BV	NLD	NIA	Barings LLC	Influence		MMLIC		
. 0000							Babson Euro CLO 2015-1 BV	NLD	NIA	Barings LLC	Influence		MMLIC		
. 0000			36-037260H				Barings Euro CLO 2019-1 BV	IRL	NIA	Barings LLC	Influence.		MMLIC		
. 0000							Barings Euro CLO 2019-II BV	IRL	NI A	Barings LLC	Influence		MMLIC		
. 0000							Barings Euro CLO 2020-I DAC	IRL	NI A	Barings LLC	Influence		MMLIC		
. 0000			37-15576VH				Barings Euro CLO 2021-I DAC	IRL	NI A	Barings LLC	. Influence.		MMLIC		
. 0000							Barings Euro CLO 2021-II DAC	IRL	NI A	Barings LLC	. Influence		MMLIC		
. 0000							Barings Euro CLO 2021-III DAC	IRL	NIA	Barings LLC	. Influence		MMLIC		
. 0000							Barings Euro CLO 2022-I DAC	IRL	NIA	Barings LLC	. Influence		MMLIC		
. 0000			81-0841854				Barings CLO Investment Partners LP	DE	NI A	Company	Ownership/Influence	98.500	MMLIC		
. 0000			81-0841854				Barings CLO Investment Partners LP	DE	NI A	Barings LLC	. Management		MMLIC		
		1					Barings Centre Street CLO Equity Partnership			Massachusetts Mutual Life Insurance					
. 0000			. 88–3792609				LP	DE	NIA	Company	Ownership/Influence	23.900	MMLIC		
. 0000		1					Barings Euro Value Add II (BREEVA II)	LUX	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	29.700	MMLIC		
. 0000		l					Barings Euro Value Add II (BREEVA II)	LUX	NIA	C.M. Life Insurance Company	Ownership	2.600	MMLIC		
. 0000							Dailings Euro value add II (BMEEVA II)	LUX	NIA	U.W. LITE INSURANCE COMPANY	.   Uwrier SHTP	2.000	MIMILIO		

The composition of the composi							7 - DE I AI	L OF INSURANC	<u>'</u> _	IOLL	THE COMME AND	O I O I LIVI				
Name of Securities   Security	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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Process   Code   Number   Code   Co																
Corporation   Company   Corporation   Corp																
Code   Code   Code   Number   R855   CK   Information   Property   Code   Cod							if Publicly Traded									
Description							(U.S. or									
Sering Red Eduk Enrows Nate All 105   Sering Red Eduk Enrows Red Pol 105   Sering Red Eduk Red Pol 105   Sering Red Eduk Pol 105   Sering Red Red Red Red Red Pol 105   Sering Red Red Red Red Red Pol 105   Sering Red	Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
Marriage Number   Section   Sectio	. 0000							Barings Euro Value Add II (BREEVA II)	LUX	NIA	Barings LLC	Management		MMLIC		
								Barings Real Estate European Value Add I SCSp			Massachusetts Mutual Life Insurance					
Description	. 0000								GBR	NIA	Company	Ownership/Influence	44.200	MMLIC		
Description								Barings Real Estate European Value Add I SCSp								
Section   Sect	. 0000								GBR	NI A	C.M. Life Insurance Company	Ownership	4.900	MMLIC		
Second								Barings Real Estate European Value Add   SCSp				·				
Schedule	. 0000		l	l	l				GBR	NI A	Barings LLC	Management		MMLIC	l	l
Decomposition   Decompositio									-		Massachusetts Mutual Life Insurance					
	. 0000			85-3449260				Barings Real Estate Debt Income Fund LP	DE	NI A	Company	Ownership/Influence	82.400	MMLIC		
Service   Serv	. 0000			85-3449260				Barings Real Estate Debt Income Fund LP	DE	NIA	C.M. Life Insurance Company	Influence		MMLIC		
December				85-3449260					DF	NIA		Management		MML IC		
Barring Global Serger Infrastructure Faul   Prince Clobal Serger I																
Corporation	. 0000			02 0000 101			***************************************					managomorit		ma_10		
District   Color   Part   Part   Color   Part   Pa	0000			98-1332384				IP	CYM	NIA		Ownership/Influence	95 300	MML IC		
2000   28-132588								Barings Global Energy Infrastructure Fund I				omoromp, mraonee				
Barrings Early Bell Divisions Courties Ford #   File	0000			98-1332384				IP	CYM	NIA	Baring Asset Management Limited	Management		MML IC		
December								Barings Global Dividends Champion Fund								
Description							***************************************					managomorit				
				02 2067745								Ownership /Influence	26 200			
												The state of the s				
	. 0000			82-386//45					DE	NIA	Barings LLC	Management		MMLIC		
Barrings Global Special Situations Credit 4   CE   MIA   CML Life Incurrance Company   Connership.   57 700   MALIC   Company   Connership.   3,600   MALIC   Company   Connership.   3,600   MALIC   Company   Connership.   3,600   MALIC   CML Life Incurrance Company   CML Company   CM	0000							Barings Global Special Situations Credit Fund	ID.	NII 4	W W A T III III II II A	0 1: (1.1)	40.700	188.10		
Delawire	. 0000							3	IKL	NIA		Ownership/Influence	19.700	MMLIG		
Description	0000								DE	NII A		0hi	67 700	100		
Delaware	. 0000								DE	NIA	Company	Uwnersnip	67.700	MMLIC		
Barings Global Special Situations Credit 4   Delaware   CE   Ni	0000								DE	NII A	C.M. Life Incurence Company	O-mayah i -	2 600	MM IC		
Delayare	. 0000								VE	NIA	C.M. Life insurance company	owner snrp	3.000	MWLIC		
Barings Global Special Situations Credit 4   LIX   LIX   Massachusetts Mutual Life Insurance   Ownership	0000								DE	NII A	Paringo II C	Managamant		MAN IC		
LUX	. 0000								UE	NIA		management		MWLIC		
Barings Global Special Situations Credit 4   LUX   NIA   C.M. Life Insurance Company   Comership.   0.700   ML   C.M. Life Insurance Company   Comership.   0.700	0000								LUY	NΙΔ		Ownership	13 300	MALIC		
LIX	. 0000								LUX	NIA	Company	owner strip		INNETO		
Barings Global Special Situations Credit 4   LUX   NIA   Barings LLC   Management   MM_LIC	0000								LIIY	NΙΔ	C.M. Life Insurance Company	Ownership	0.700	MM IC		
LUX	. 0000										o.m. Erro mouranoc company	omior on p	0.700	mmL1V		
Barings Global Special Situations Credit Fund   Sarings LLC   Management   MM_LIC	. 0000		l	l	l				LUX	NI A	Barings LLC	Management		MMLIC		l
0000   0000					l											
Barings Global Technology Equity Fund	0000							3	IRI	NIA	Barings II C	Management		MML IC		
0000								Barings Global Technology Equity Fund					73 900			
0000   87-0977058   Barings Hotel Opportunity Venture   .CT.   NIA.   Company   Ownership/Influence   .66.000   ML IC	. 0000						***************************************	but mgo drobut roomiorogy Equity rund				omoromp, miradioc		ma_10		
0000   87-0977058   Barings Hotel Opportunity Venture   CT.   NIA   Barings LLC   Management   MMLIC   Massachusetts Mutual Life Insurance   CT.   NIA   Barings LLC   Massachusetts Mutual Life Insurance   CT.   NIA   Massachusetts Mutual Life Insurance   CT.   NIA   Massachusetts Mutual Life Insurance   CT.   NIA   Company   Company   Company   CT.   NIA   Company   CT.   NIA   Company   CT.   NIA   CT.   CT.   NIA   Company   CT.   C	0000			87-0977058				Barings Hotel Opportunity Venture	CT	NΙΔ		Ownership/Influence	66 000	MML IC		
Barings   Innovations & Growth Real Estate Fund   DE																
0000   86-3661023   Barings Innovations & Growth Real Estate Fund   DE   NIA   Company   Ownership   33.400   MMLIC   Ownership   0   Owners	. 0000			07 0377030					01			managomorit		WWL10		
Barings   Innovations & Growth Real Estate Fund	0000			86_3661023				Darringo minovacrono a di ontili noar Estato i ana	ne	NΙΔ		Ownership	33 400	MALIC		
0.000   86-3661023	. 0000			00-3001023				Rarings Innovations & Growth Real Estate Fund	UL	NIA	Company	owner strip		INNETO		
0000   Barings Middle Market CLO 2017-  Ltd & LLC   .CYM   .NIA   Barings LLC   Influence   .MMLIC   .0000	0000			06 2661022				Darrings minovatrons a drowth near Estate rund	DE	NII A	C.M. Life Incurence Company	Ownership	0.500	MAN IC		
0000   Barings Middle Market CLO 2018- CYM. NIA Barings LLC   Influence.   MMLIC				00-300 IU23				Paringo Middle Market CLO 2017 Little 110								
.0000       Barings Middle Market CLO 2019-I       .CYM       NIA       Barings LLC       Influence       MMLIC         .0000       98-1612604       Barings Middle Market CLO Ltd 2021-I       .CYM       NIA       Barings LLC       Influence       MMLIC         .0000       38-4010344       Barings North American Private Loan Fund LP       .DE       NIA       MassMutual Holding LLC       Ownership/Influence       .36.400       MMLIC								· ·								
0000   98-1612604   Barings Middle Market CLO Ltd 2021- CYM NIA Barings LLC   Influence   MMLIC   MassMutual Holding LLC   Ownership/Influence   .36.400   MMLIC																
0000   MassMutual Holding LLC   Ownership/Influence   38-4010344   MALIC   MALIC   Ownership/Influence   36.400   MMLIC   Ownership/Influence   Ownership/Influe																
L 0000 Barings North American Private Loan Fund LP DE. NIA Baring Asset Management Limited Management Limited Management													36.400			
	. 0000			38-4010344				Barings North American Private Loan Fund LP	DE	NIA	Baring Asset Management Limited	Management	<u></u>	MMLIC		

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
						,			,	Massachusetts Mutual Life Insurance	,			) í	
. 0000			98-1332384				Barings RE Credit Strategies VII LP	DE	NI A	Company	Ownership/Influence	33.600	MMLIC		
. 0000			98-1332384				Barings RE Credit Strategies VII LP	DE	NI A	Baring Asset Management Limited	Management		MMLIC		
							Barings Target Yield Infrastructure Debt Fund			Massachusetts Mutual Life Insurance					
. 0000			98-1567942					LUX	NIA	Company	Ownership	23.600	MMLIC		
							Barings Target Yield Infrastructure Debt Fund								
. 0000			98-1567942					LUX	NI A	Baring Asset Management Limited	Management		MMLIC		
. 0000			87-1262754				Barings Transportation Fund LP	DE	NI A	MassMutual Holding LLC	Ownership/Influence	11.300	MMLIC		
. 0000			87-1262754				Barings Transportation Fund LP	DE	NII A	Massachusetts Mutual Life Insurance	Ownership	7.900	MMLIC		
. 0000			87-1202754				Barings Transportation Fund LP	DE	NI A	Company	Ownersnip	7.900	MMLIC		
. 0000							Braemar Energy Ventures I, L.P.	DE	NIA	Company	Ownership/Influence	88.000	MMLIC		
. 0000							Braemar Energy Ventures I, L.P.	DE	NIA	C.M. Life Insurance Company	Ownership	1.300	MMLIC		
. 0000							Braemar Energy Ventures I, L.P.	DE	NIA	Barings LLC	Management		MMI IC		
. 0000							Barings European Core Property Fund SCSp	LUX	NIA	MassMutual Holding LLC	Ownership/Influence	7.400	MMLIC		
. 0000							Barings European Core Property Fund SCSp	LUX	NIA	C.M. Life Insurance Company	Owner ship	0.500	MMLIC		
. 0000							Barings European Core Property Fund SCSp	LUX	NIA	Barings Real Estate Advisers LLC	Management		MMLIC		
. 0000							barrings European core rroperty rund 300p	LUX	NIA	Massachusetts Mutual Life Insurance	management		MWLTO		
. 0000			46-5001122				Barings European Private Loan Fund III A	LUX	NI A	Company	Ownership	52.100	MMLIC		
. 0000			38-4059932				Benchmark 2018-B2 Mortgage Trust	NY	NIA	Barings LLC	Influence		MMLIC		
. 0000							Benchmark 2018-B4	NY	NI A	Barings LLC	Influence		MMLIC		
. 0000			38-4096530				Benchmark 2018-B8	NY	NI A	Barings LLC	Influence		MMLIC		
. 0000			20-5578089				Barings Core Property Fund LP	DE	NI A	MassMutual Holding LLC	Ownership/Influence	23.200	MMLIC		
. 0000			20-5578089				Barings Core Property Fund LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
							3			Massachusetts Mutual Life Insurance					
. 0000			46-5432619				Cornerstone Real Estate Fund X LP	DE	NI A	Company	Ownership/Influence	38.600	MMLIC		
. 0000			46-5432619				Cornerstone Real Estate Fund X LP	DE	NI A	C.M. Life Insurance Company	Ownership	4.300	MMLIC		
. 0000			46-5432619				Cornerstone Real Estate Fund X LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			35-2531693				Cornerstone Permanent Mortgage Fund III LLC	MA	NI A	Company	Ownership/Influence	100.000	MMLIC		
0000			61-1793735				O	MA	NII A	Massachusetts Mutual Life Insurance	Ownership	98.600	MMLIC		
. 0000			61-1/93/35				Cornerstone Permanent Mortgage Fund IV LLC	MA	NIA	Company Massachusetts Mutual Life Insurance	Ownersnip	98.600	MMLIC		
. 0000			90-0991195				Gateway Mezzanine Partners II LP	DE	NIA	Company	Ownership/Influence	35.200	MMLIC		
. 0000			90-0991195				Gateway Mezzanine Partners II LP	DE	NIA	C.M. Life Insurance Company	Ownership.	5.300	MMLIC		
. 0000			90-0991195				Gateway Mezzanine Partners II LP	DE	NIA	Barings LLC	Management	5.500	MMLIC		
										Massachusetts Mutual Life Insurance	30				
. 0000			37-1708623				Great Lakes III, L.P.	DE	NI A	Company	Ownership/Influence	41.400	MMLIC	[	
. 0000			37-1708623				Great Lakes III, L.P.	DE	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000							GIA EU Holdings - Emerson JV Sarl	LUX	NIA	Company	Ownership/Influence	72.600	MMLIC		
. 0000							GIA EU Holdings - Emerson JV Sarl	LUX	NIA	Barings LLC	Management		MMLIC		
							JPMCC Commercial Mortgage Securities Trust			L	l				
. 0000			. 38-4041011				2017–JP7	NY	NI A	Barings LLC	Influence		MMLIC		
. 0000			. 38-4032059				JPMDB Commercial Mortgage Securities Trust 2017-C5	NY	NIA	Barings LLC	Influence		MMLIC		
. 0000			. 30-4032039				2017-00	INf	NIA	Massachusetts Mutual Life Insurance	ini idence		MWILTO		
. 0000			04-1590850				Miami Douglas Two GP LLC	DE	NIA	Company	Influence	0.000	MMLIC		
. 0000			04-1590850				Miami Douglas Two GP LLC	DE	NIA	C.M. Life Insurance Company	Influence	0.000	MMLIC		
. 5500								02		Massachusetts Mutual Life Insurance					
. 0000			. 04-1590850				Miami Douglas Two LP	DE	NI A	Company	Ownership	90.000	MMLIC		
										• • •					

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
. 0000			04-1590850				Miami Douglas Two LP	DE	NI A	C.M. Life Insurance Company	Ownership	10.000	MML1C		
										Massachusetts Mutual Life Insurance					
. 0000			. 04-1590850				Miami Douglas Three MM LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			87-4021641				MM BIG Peninsula Co-Invest Member LLC	DE	NIA	Company	Owner ship	27.000	MMLIC		
. 0000			87-4021641				MM BIG Peninsula Co-Invest Member LLC	DE	NIA	C.M. Life Insurance Company	Ownership	0.800	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000							MM CM Holding LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000			04-1590850				MI Dinast Daisets Instance Halding	DE	NIA		Ownership	100.000	MMLIC		
. 0000			. 04-1590850				MM Direct Private Invetment Holding	DE	NIA	Company	Uwnersnip	100.000	IMMLIC		
. 0000			81-3000420				MM Debt Participations LLC	DE	NIA	Company	Ownership/Influence	100.000	MMLIC		
. 0000			81-3000420				MM Debt Participations LLC	DE	NIA	Barings LLC	Management		MMLIC		
. 0000			. 61-3000420				mm Debt Participations LLC	VE	NIA	Massachusetts Mutual Life Insurance	mariagement		IMMLIC		
. 0000			20-8856877				Somerset Special Opportunities Fund L.P	DE	NIA	Company	Ownership/Influence	40.100	MMLIC		
. 0000			20-8856877				Somerset Special Opportunities Fund L.P	DE	NIA	C.M. Life Insurance Company	Owner ship.	1.900	MMLIC		
. 0000			20-0030077				Somerset Special Opportunities Fund L.F	DE	NIA	Massachusetts Mutual Life Insurance	owner strip	1.900	MINICIO		
. 0000			35-2553915				Ten Fan Pier Boulevard LLC	DE	NIA	Company	Ownership	100.000	MML1C		
. 0000			41-2280127				Tower Square Capital Partners III, L.P	DE	NIA	Barings LLC	Management		MMLIC		
. 0000			41-2280127				Tower Square Capital Partners III, L.P	DE	NIA	MassMutual Holding LLC	Ownership/Influence	17.900	MMLIC		
. 0000			41-2200127				Tower Square Capital Faithers III, L.F	DE	NIA	Massachusetts Mutual Life Insurance	owner simp/ initruence		MINICIO		
. 0000			41-2280129				Tower Square Capital Partners IIIA, L.P	DE	NIA	Company	Ownership/Influence	100.000	MML1C		
. 0000			41-2280129				Tower Square Capital Partners IIIA, L.P	DE	NIA	Barings LLC	Management		MMLIC		
. 0000			11 2200 120				Town oquare capital far there in the contract			Massachusetts Mutual Life Insurance	managomort		William 10		
. 0000			04-1590850				Trailside MM Member LLC	DE	NIA	Company	Ownership	66.970	MMLIC		
. 0000			04-1590850				Trailside MM Member LLC	DE	NIA	C.M. Life Insurance Company	Ownership	7.400	MML1C		
										Massachusetts Mutual Life Insurance					
. 0000			. 04-1590850				Trailside MM Member II LLC	DE	NI A	Company	Ownership	47.100	MMLIC		
										Massachusetts Mutual Life Insurance	•				
. 0000			83-1325764				Washington Gateway Two LLC	DE	NI A	Company	Ownership	96.020	MML1C		
. 0000			83-1325764				Washington Gateway Two LLC	DE	NIA	C.M. Life Insurance Company	Ownership	6.700	MML1C		
										Massachusetts Mutual Life Insurance					
. 0000			32-0574045				Washington Gateway Three LLC	DE	NIA	Company	Ownership	95.380	MMLIC		
. 0000			32-0574045				Washington Gateway Three LLC	DE	NIA	C.M. Life Insurance Company	Ownership	11.400	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			. 88-3861481				West 37th Street Hotel LLC	DE	NIA	Company	Owner ship	93.800	MMLIC		
. 0000			. 88-3861481				West 37th Street Hotel LLC	DE	NIA	C.M. Life Insurance Company	Owner ship	6.300	MMLIC		
0000							W + 11 D	DMII	NIA	Massachusetts Mutual Life Insurance	Ownership/Influence		MMLIC		
. 0000							Martello Re	BMU	NIA	Company	Ownership/influence		MMLIC		
. 0000							Babson Capital Loan Strategies Master Fund LP	CYM	NIA	Barings LLC	Management		MMLIC		
. 0000							Barings China Aggregate Bond Private	CYM	NIA	Barings LLC	management		IMMLIC		
. 0000							Securities Investment Fund	CHN	NIA	Barings LLC	Management		MMLIC		
. 0000							Barings European Growth Trust Fund	GBR	NIA	Barings LLC	Ownership/Influence	23.900	MMLIC		
. 0000			47-3790192				Barings Global High Yield Fund	MA	NIA	Barings LLC	Management	23.900	MMLIC		
. 0000			1-0130132				CCIC Fund	MA	NIA	Barings LLC	Ownership/Influence	67.600	MMLIC		
. 0000							OUTO TURIU		NIA	Massachusetts Mutual Life Insurance	owner simp/ initiaence	07.000	INVILIO		
. 0000			71-1018134				Great Lakes II LLC	DE	NIA	Company	Ownership	10.600	MMLIC		
. 0000			71-1018134				Great Lakes II LLC	DE	NIA	C.M. Life Insurance Company	Owner ship	0.980	MMLIC		
. 0000							GIOUL EUROS II EEO		1417	Massachusetts Mutual Life Insurance	omioi sirip	0.300	mmL1V		
. 0000		l	04-1590850	l	1		Wood Creek Venture Fund LLC	DE	NIA	Company	Ownership	40.000	MMLIC	[	
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											Type	If			
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						Name of Securities			Relation-		Board,	Owner-		SCA	
								Dami							
						Exchange		Domi-	ship		Management,	ship		Filing	
_		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
										Massachusetts Mutual Life Insurance					
. 0000							Barings California Mortgage Fund IV	CA	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000							Barings Umbrella Fund LUX SCSp SICAV RAIF	LUX	NIA	Company	Ownership	50.000	. MMLIC		
. 0000							Barings Umbrella Fund LUX SCSp SICAV RAIF	LUX	NIA	C.M. Life Insurance Company	Ownership	2.300	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			. 82–2285211				Calgary Railway Holding LLC	DE	NI A	Company	Ownership	90.000	MMLIC		
. 0000			. 82–2285211				Calgary Railway Holding LLC	DE	NIA	C.M. Life Insurance Company	Ownership	10.000	MMLIC		
								l		Massachusetts Mutual Life Insurance	L		l		
. 0000			. 82-3307907				Cornbrook PRS Holdings LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000		]	05 4007747					٥,	A17.*	Massachusetts Mutual Life Insurance	l	400 000	188.10		
. 0000			. 95–4207717				Cornerstone California Mortgage Fund I LLC	CA	NI A	Company	Ownership	100.000	MMLIC		
			05 4007747					٠.		Massachusetts Mutual Life Insurance		400 000			
. 0000			. 95–4207717				Cornerstone California Mortgage Fund II LLC	CA	NIA	Company	Ownership	100.000	MMLIC		
			05 4007747				Cornerstone California Mortgage Fund III LLC	٠.		Massachusetts Mutual Life Insurance		400 000			
. 0000			. 95–4207717					CA	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			. 56-2630592				Cornerstone Fort Pierce Development LLC	DE	NIA	Company	Ownership	90.000	MMLIC		
. 0000			. 56–2630592				Cornerstone Fort Pierce Development LLC	DE	NIA	C.M. Life Insurance Company	Ownership	5.900	MMLIC		
			45 0000040					l		Massachusetts Mutual Life Insurance		400 000			
. 0000			. 45-2632610				Cornerstone Permanent Mortgage Fund	MA	NIA	Company	Ownership	100.000	MMLIC		
. 0000			. 45–2632610				Cornerstone Permanent Mortgage Fund	MA	NIA	Barings LLC	Management		MMLIC		
								l		Massachusetts Mutual Life Insurance					
. 0000			. 61–1750537				Cornerstone Permanent Mortgage Fund II	MA	NIA	Company	Ownership	100.000	MMLIC		
. 0000			. 61–1750537				Cornerstone Permanent Mortgage Fund II	MA	NI A	Barings LLC	Management		MMLIC		
			04 4700705					l		Massachusetts Mutual Life Insurance		400 000			
. 0000			. 61–1793735				Cornerstone Permanent Mortgage Fund IV	MA	NIA	Company	Ownership	100.000	MMLIC		
0000			00 0040470				0054 (000 )/ 4 110	DE .	NIA	Massachusetts Mutual Life Insurance	Ownership	00 500	MMLIC		
. 0000			. 20-0348173				CREA/PPC Venture LLC	DE	NIA	Company	Ownership	28.500	MMLIC		
. 0000			82-2783393				Danville Riverwalk Venture, LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Owner ship	94.400	MML IC		
. 0000			. 02-2/03393				Danville Riverwark venture, LLC	VE	NIA	Massachusetts Mutual Life Insurance	Owner Strip	94.400	.   WIVIL 10		
. 0000			. 04-1590850				DPI Acres Capital SPV LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000			. 04-1390630				DEL ACTES CAPITAL SEVILLO	DE	INI A	Massachusetts Mutual Life Insurance	Owner Sirip	100.000	WWLIG		
. 0000		]	. 04-1590850				Euro Real Estate Holdings LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
. 0000							Laro nour Estato noruningo LEO		1417	Massachusetts Mutual Life Insurance	omior dirip				
. 0000			. 20-3347091				Fan Pier Development LLC	DE	NIA	Company	Ownership	65.000	MMLIC		
. 0000			. 20-3347091				Fan Pier Development LLC	DE	NIA	C.M. Life Insurance Company	Owner ship	5.900	MMLIC		
. 0000							Tall 1 for Dove topinoite ELO		1417	Massachusetts Mutual Life Insurance	omior dirip	0.300			
. 0000		]	. 04-1590850				GIA EU Holdings LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
							a 25diligo EE0			Massachusetts Mutual Life Insurance					
. 0000		l	81-5360103				Landmark Manchester Holdings LLC	DE	NIA	Company	Ownership	100.000	MMLIC	1	
										Massachusetts Mutual Life Insurance					
. 0000			. 04-1590850				MM Brookhaven Member LLC	DE	NIA	Company	Ownership	95.000	MMLIC		
			1							Massachusetts Mutual Life Insurance					
. 0000			. 04-1590850				MM East South Crossing Member LLC	DE	NIA	Company	Ownership	95.000	MMLIC		
										Massachusetts Mutual Life Insurance	1				
. 0000			. 04-1590850				MM Horizon Savannah Member LLC	DE	NIA	Company	Ownership	95.000	MMLIC		
. 0000			. 04-1590850				MM Horizon Savannah Member LLC	DE	NIA	C.M. Life Insurance Company	Ownership	3.700	MMLIC		
. 0000			. 04–1590850				MM National Self-Storage Program Member LLC	DE	NIA	C.M. Life Insurance Company	Owner ship	98.000	MMLIC	1	
. 0000			. 04–1590850				MM 1400 E 4th Street Member LLC	DE	NIA	C.M. Life Insurance Company	Owner ship	96.000	MMLIC	1	
										Massachusetts Mutual Life Insurance					
. 0000			. 80-0948028				One Harbor Shore LLC	DE	NIA	Company	Ownership	94.990	MMLIC		
										/					

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											Type	If			1
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						Name of Constition			Dalatian			_			1
						Name of Securities		١	Relation-		Board,	Owner-		SCA	1
						Exchange		Domi-	ship		Management,	ship		Filing	1
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	1
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	1
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
. 0000	Massachusetts Mut Life Ins Co	65935	80-0948028	3848388		·	One Harbor Shore LLC	DE	NIA	C.M. Life Insurance Company	Ownership	6.000	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			04-1590850				PACO France Logistics LLC	DE	NIA	Company	Ownership	100.000	MMLIC	.	i
							Salomon Brothers Commercial Mortgage Trust			,					1
. 0000			l	1		l	2001-MM	l	NIA	Barings Real Estate Advisers LLC	Influence		MMLIC	.	t l
										Massachusetts Mutual Life Insurance					1
. 0000			81-5273574	1		l	Three PW Office Holding LLC	l	NI A	Company	Ownership	95 . 100	MMLIC	.	t l
										Massachusetts Mutual Life Insurance					1
. 0000	Massachusetts Mut Life Ins Co	93432	82-3250684	1		l	Unna, Dortmund Holding LLC	DE	NIA	Company	Ownership	100.000	MMLIC	.	t l
							,			Massachusetts Mutual Life Insurance					1
. 0000	Massachusetts Mut Life Ins Co	70416	45-5401109				Washington Gateway Apartments Venture LLC	DE	NIA	Company	Ownership	95.440	MMLIC	.	i
. 0000			45-5401109				Washington Gateway Apartments Venture LLC	DE	NIA	C.M. Life Insurance Company	Ownership	4.800	MMI IC		1
. 0000			10 0101100				washington dateway Apartments venture LLO	DL		Massachusetts Mutual Life Insurance	Owner Strip	4.000	WWL10		
. 0000			51-0529328				MassMutual Premier Main Street Fund	MA	NIA	Company	Ownership	89.110	MMLIC		1
. 0000			01 0020020				MassMutual Premier Strategic Emerging Markets	m/\		Massachusetts Mutual Life Insurance	Owner strip		WWL10		
. 0000			26-3229251				Fund	MA	NIA	Company	Ownership	27.790	MMLIC		1
. 0000			20 0220201				i uiu	m/\		Massachusetts Mutual Life Insurance	Owner strip	27.750	WWL10		
. 0000			04-3512593				MassMutual Select Fundamental Growth Fund	MA	NIA	Company	Ownership	2.000	MM_IC		ı
. 0000			04 00 12000				massmatuar ocrect randamentar drowth rand	m/\		Massachusetts Mutual Life Insurance	Owner strip	2.000	WWL10		
. 0000			42-1710935				MassMutual Select Mid-Cap Value Fund		NIA	Company	Ownership	24.800	MMLIC		ı
. 0000			42 17 10000				MassMutual Select Small Capital Value Equity			Massachusetts Mutual Life Insurance	Owner strip	24.000	WWL10		
. 0000			02-0769954				Fund		NIA	Company	Influence	0.000	MMLIC		1
. 0000			02-0703334				l uliu		NIA	Massachusetts Mutual Life Insurance	IIII I delice	0.000	WWLTO		
. 0000			04-3584140				MassMutual Select Small Company Value Fund .		NIA	Company	Ownership	8.110	MM_IC		1
. 0000			04-0004140				MassMutual Select T. Rowe Price Retirement		NIA	Massachusetts Mutual Life Insurance	Owner strip	0. 110	WWLTO		
. 0000			82-3347422				2005 Fund	MA	NIA	Company	Ownership	5.490	MMLIC		1
. 0000			02 0041422				MassMutual Select T. Rowe Price Retirement	m/\		Massachusetts Mutual Life Insurance	Owner strip	0.400	WWL10		
. 0000			82-3355639				2010 Fund	MA	NIA	Company	Influence	0.000	MMLIC		1
. 0000			02 0000000				MassMutual Select T. Rowe Price Retirement	m/\		Massachusetts Mutual Life Insurance	TITI TUCIOC.	0.000	WWL10		
. 0000			82-3382389				2015 Fund	MA	NIA	Company	Influence	0.000	MMLIC		1
. 0000			02 0002000				MassMutual Select T. Rowe Price Retirement	m/\		Massachusetts Mutual Life Insurance	TITI TUCIOC.	0.000	WWL10		
. 0000			82-3396442				2020 Fund	MA	NIA	Company	Influence	0.000	MMLIC		1
. 0000			02 0000442				MassMutual Select T. Rowe Price Retirement	m/\		Massachusetts Mutual Life Insurance	TITI TUCIOC.	0.000	WWL10		
. 0000			82-3417420				2025 Fund	MA	NIA	Company	Influence	0.000	MMLIC		ı
. 0000			52 OTT 120				MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance	20.100			.	
. 0000		l	82-3430358	1	1		2030 Fund	MA	NIA	Company	Influence	0.000	MMLIC	.	i
		l		1			MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
. 0000		l	82-3439837	1	1	l	2035 Fund	MA	NIA	Company	Influence	0.000	MMLIC	.	i l
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
. 0000			82-3451779	l	l		2040 Fund	MA	NIA	Company	Influence	0.000	MMLIC	.	I
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					,
. 0000			82-3472295				2045 Fund	MA	NI A	Company	Influence	0.000	MMLIC	.	i
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					, ""
. 0000			82-3481715	1		l	2050 Fund	MA	NIA	Company	Influence	0.000	MMLIC	.	t l
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					, ""
. 0000		l	82-3502011	I	l		2055 Fund	MA	NIA	Company	Influence	0.000	MMLIC	.	i l
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
. 0000		l	82-3525148	l	l	l	2060 Fund	MA	NIA	Company	Influence	0.000	MMLIC	.	I
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
. 0000		l	82-3533944	I	l		Balanced Fund	MA	NIA	Company	Influence	0.000	MMLIC	.	i l
										Massachusetts Mutual Life Insurance					
. 0000			46-4257056				MML Series International Equity Fund	MA	NIA	Company	Influence	0.000	MMLIC	.	i

## **SCHEDULE Y**

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											(Ownership,	is		ls an	
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Yes/No)	*
					_	, , , , , ,				Massachusetts Mutual Life Insurance			13(11)	,,	
. 0000			47-3529636				MML Series II Dynamic Bond Fund	MA	NIA	Company	Influence	0.000	MMLIC	l	l
							,			Massachusetts Mutual Life Insurance					
. 0000			47-3544629				MML Series II Equity Rotation Fund	MA	NIA	Company	Owner ship	95.800	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			27-1933389				MassMutual RetireSMART 2035 Fund	MA	NIA	Company	Ownership	3.920	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			27-1932769				MassMutual RetireSMART 2045 Fund	MA	NIA		Ownership	9.030	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			46-3289207				MassMutual RetireSMART 2055 Fund	MA	NIA		Ownership	22.360	MMLIC		
										Massachusetts Mutual Life Insurance					
. 0000			47-5326235				MassMutual RetireSMART 2060 Fund	MA	NIA	Company	Owner ship	45.980	MMLIC		
			45 4040455							Massachusetts Mutual Life Insurance					
. 0000			45-1618155				MassMutual 20/80 Allocation Fund	MA	NI A	Company	Influence	0.000	MMLIC		
0000			45-1618222				W W + 1 00 (00 H) + 1 5 1		A.I. A	Massachusetts Mutual Life Insurance	Ownership	52.970	188.10		
. 0000			45-1618222				MassMutual 80/20 Allocation Fund	MA	NIA	Company	Ownersnip	52.9/0	MWLIC		
. 0000			03-0532464				MassMutual RetireSMART In Retirement Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership.	2.030	MMLIC		
. 0000			03-0332404				massmutuai Retiresmani in Retirement Fund	MA	NIA	Massachusetts Mutual Life Insurance	owner snrp	2.030	MWLIC		
. 0000			45-1618262				MassMutual 40/60 Allocation Fund	MA	NIA	Company	Influence	0.000	MMLIC		
. 0000			4J-1010202				massmutuai 40/00 Aiiocation Fund	m/\	NIA	Massachusetts Mutual Life Insurance	IIII I uciloc		INIVILIO		
. 0000		1	45-1618046				MassMutual 60/40 Allocation Fund	MA	NIA		Owner ship	79.870	MMLIC		1
. 5500			10 10 10 10 10				macomataar 00/40 Arrocatron rana	וווית		ompan,	o milor om p		I I I I I I I I I I I I I I I I I I I		
					1		I .		1		i e e e e e e e e e e e e e e e e e e e	1	1		

Asterisk	Explanation
1	Massachusetts Mutual Life Insurance Company owns 14.23% of the affiliated debt of Jefferies Finance LLC
2	Debt investors own 9.6% and includes only Babson Capital Loan Strategies Fund, L.P.
3	Debt investors own .5% and includes only Great Lakes III, L.P.
4	Debt investors own .2% and includes only Great Lakes III, L.P.

		PARIZ	- SUMMA	RY OF INS	OUKER'S	IRANSAC	LION2 M	IIH ANY	AFFIL	IA I E O		
1	2	3	4	5	6 Purchases, Sales or Exchanges of	7 Income/ (Disbursements) Incurred in Connection with	8	9 Income/	10	11 Any Other Material	12	13  Reinsurance Recoverable/
					Loans, Securities,	Guarantees or		(Disbursements)		Activity Not in the		(Payable) on
NAIC				0 " 1	Real Estate,	Undertakings for	Management	Incurred Under		Ordinary Course of		Losses and/or
Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Mortgage Loans or Other Investments	the Benefit of any Affiliate(s)	Agreements and Service Contracts	Reinsurance Agreements	*	the Insurer's Business	Totals	Reserve Credit Taken/(Liability)
		Massachusetts Mutual Life Insurance	Dividends	Contributions	Other investments	Amilate(3)	Service Contracts	Agreements		Dusiness	Totals	rakeri/(Liability)
	04 1000000	Company (MMLIC)	1 . 168 . 717 . 502	(916,712,358)	(317.232.840)					(3.861.276.921)	(3.926.504.617)	
93432	06-1041383	C.M. Life Insurance Company	(134,668,814)		(017,202,010)					(0,001,270,021)	(85,355,485)	••••••
	43-0581430	MML Bay State Life Insurance Company	(26,000,000)								(26,000,000)	
		2160 Grand Manager LLC	0	6,912,006							6,912,006	••••••
		50 Liberty LLC	(2,265,699)	0							(2,265,699)	••••••
		Aland Royalty Holdings LP	0	(12,816,564)							(12,816,564)	••••••
		Barings Affordable Housing Mortgage Fund I	•									
		LLC	(3,274,932)	(1,276,415)							(4,551,347)	
	61-1902329	Barings Affordable Housing Mortgage Fund	(0,2, 1,002)	(1,210,110)							(1,001,011)	
		II LLC	(2.798.631)	18,881,413							16,082,782	
	85-3036663	Barings Affordable Housing Mortgage Fund	(=,:-:,:-:,	,,							,	
		III LLC	(1,091,124)	13,746,102							12,654,978	
	36-4868350	Barings Asset-Based Income Fund (US) LP	0	(64,079,457)							(64,079,457)	
		Barings California Mortgage Fund IV	0	8,528,058							8,528,058	
	88-3792609	Barings Centre Street CLO Equity									, ,	
		Partnership LP	(155,729)								13,926,878	
	81-0841854	Barings CLO Investment Partners LP	0	(7,814,300)							(7,814,300)	
	84-3784245	Barings Emerging Generation Fund LP	464,054	(6,021,968)							(5,557,914)	
		Barings European Core Property Fund SCSp .	(298, 185)	0							(298, 185)	
	46-5001122	Barings European Private Loan Fund III A .	(1,728,256)	36,642,130							34,913,874	
		Barings European Real Estate Debt Income										
		Fund	(7, 103, 118)	(178,296)							(7,281,414)	
	80-0875475	Barings Finance LLC			249,000,000						249,000,000	
	98-1332384	Barings Global Energy Infrastructure Fund	0	(88,536,092)							(88,536,092)	
		Barings Global Private Loan Fund	(1,084,583)	(9,608,327)							(10.692.910)	
		Barings Global Real Assets Fund LP	0	(48,641,209)							(48,641,209)	
		Barings Global Special Situations Credit		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		4 Delaware	0	9,452,630							9,452,630	
		Barings Global Special Situations Credit		, ,							, ,	
		4 LUX	(22,929)	20,248,189							20,225,260	
		Barings Global Special Situations Credit										
		Fund 3	0	(67, 173, 413)							(67, 173, 413)	
	87-0977058	Barings Hotel Opportunity Venture	0	28,310,001							28,310,001	
	86-3661023	Barings Innovations & Growth Real Estate										
		Fund	0	1,837,566							1,837,566	
	38-4010344	Barings North American Private Loan Fund										
		LP	0	(29,714,170)							(29,714,170)	
	98-1332384	Barings RE Credit Strategies VII LP	(4,336,968)	10,405,517							6,068,549	
	85-3449260	Barings Real Estate Debt Income Fund LP	(6,951,123)	49,660,625							42,709,502	
		Barings Real Estate European Value Add I	. , , , ,	, ,							, , ,	
		SCSp	(2,655,677)	(12,783,578)					<u>                                     </u>		(15,439,255)	

		PART 2	- SUMMAI	RY OF INS	SURER'S	IRANSAC	CHONS W	IIH ANY A	AFFIL	IAIES		
1	2	3	4	5	6 Purchases, Sales or Exchanges of	7 Income/ (Disbursements) Incurred in Connection with	8	9 Income/	10	11 Any Other Material	12	13  Reinsurance Recoverable/
NAIC Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	(Disbursements) Incurred Under Reinsurance Agreements	*	Activity Not in the Ordinary Course of the Insurer's Business	Totals	(Payable) on Losses and/or Reserve Credit Taken/(Liability)
	. 84–5063008	Barings Small Business Fund LLC	0	5,070,923							5,070,923	
	. 98–1567942	Barings Target Yield Infrastructure Debt										
		Fund	(780,464)	17,834,729							17,054,265	
	. 87–1262754	Barings Transportation Fund LP	(1,717,700)	(38,839,205)							(40,556,905)	
		Barings Umbrella Fund LUX SCSp SICAV RAIF	0	17,440,938							17,440,938	
	. 04–1590850	Berkshire Way LLC	0	17,440,938							17,440,938	
	. 04-1390630	Braemar Energy Ventures I, L.P.	0	(23,909,241)							(23,909,241)	
		CML Special Situations Investor LLC	(123,325)	(23,909,241)							(23,909,241)(601,208)	
	. 82–3307907	Cornbrook PRS Holdings LLC	(120,323)	2,948,810							2.948.810	
	. 95–4207717			2,540,010							2,040,010	
			(2,120,062)	(3,831,001)							(5,951,063)	
	95-4207717	Cornerstone California Mortgage Fund II	, , , ,	(2) 2 , ,							(2,22,7,27)	
		LLC	(3,014,895)	(1,075,534)							(4,090,429)	
	. 95-4207717	Cornerstone California Mortgage Fund III	, , , ,								, , , ,	
		LLC	(1,992,194)	3,278,733							1,286,539	
	. 56-2630592	Cornerstone Fort Pierce Development LLC	0								127, 154	
	45-2632610	Cornerstone Permanent Mortgage Fund	(3,854,265)	(1,664,123)							(5,518,388)	
	61-1750537	Cornerstone Permanent Mortgage Fund II	(3,318,290)	(1,575,706)							(4,893,996)	
	. 61–1793735	Cornerstone Permanent Mortgage Fund IV LLC										
			(3,458,251)	23,218,181							19,759,930	
	. 46–5432619	Cornerstone Real Estate Fund X LP	(234,046)	(20,273,720)							(20,507,766)	
	81–0890084	CREA Madison Member LLC	0	(6,750,000)							(6,750,000)	
	. 20-0348173	CREA/PPC Venture LLC	0	1,680,000							1,680,000	
	. 04–1590850	DPI Acres Capital SPV LLC	0	153,735,043							153,735,043	
		EIP Holdings I, LLC	(246,207)	0							(246,207)	
		EM Opportunities LLC	0	200,000							200,000	
	. 04-1590850	Euro Real Estate Holdings LLC	(3,884,675)	11,060,583							7,175,908 (30,164,435)	
	. 82-2932156	GASL Holdings LLC	0	(30, 164, 435)								
	90-0991195	Gateway Mezzanine Partners II LP GIA EU Holdings LLC	(3,465,147)	(10,301,902)							(13,767,049)	
	. 04–1590850 . 71–1018134	Great Lakes II LLC	(243, 140)	69,228							58, 152,712 (1,244,273)	
	. 37-1708623	Great Lakes III, L.P.	(400,001)	(2,544,589)							(1,244,273)(2,953,210)	
	. 04-1590850	Insurance Road LLC	(408,621)								(2,953,210)(21,726,540)	
	. 46-2344300	Intermodal Holdings II LLC	(552,607)	(593,813)							(21,726,540)(1,147,500)	
	. 40-2344300	JFIN Revolver Fund, L.P.		(3,402,700)							(3,402,700)	
	. 82–1512591	KKR-MM Vector LP	(11 /60 057)	0							(3,402,700)(11,460,057)	
	81–5360103	Landmark Manchester Holdings LLC	0	27.285							27,285	
	. 51 5000 105	Martello Re								3,861,276,921	3,861,276,921	
· · · · · · · · · · · · · · · · · · ·	. 04–2854319	MassMutual Holding LLC	(710,000,000)	639,490,465						0,001,210,321	(70,509,535)	
I	. 04–3313782	MassMutual International LLC	0								16.966.955	
	. 51-0529328	MassMutual Premier Main Street Fund	(41,926)								(41.926)	
	. 26-3229251	MassMutual Premier Strategic Emerging	` ′ ′									
1		Markets Fund	(14.779)								(14.779)	

	PARI 2	- SUMMA	KY OF INS	OUKER'S	IKANSAU	CTIONS W	IIH ANY A	AFFIL	.IA I E3		
1 2	3	4	5	6 Purchases, Sales	7 Income/ (Disbursements) Incurred in	8	9	10	11	12	13 Reinsurance
NAIC Company ID Code Numb		Shareholder Dividends	Capital Contributions	or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	Income/ (Disbursements) Incurred Under Reinsurance Agreements	*	Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	Totals	Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
04-159085		0	(61,557,808)							(61,557,808)	
03-053246	4 MassMutual RetireSMART In Retirement Fund										
		(26, 131)								(26, 131)	
01-082112		(12,691)								(12,691)	
04-351259	3 MassMutual Select Fundamental Growth Fund	(136,422).								(136,422)	
42–171093	5 MassMutual Select Mid-Cap Value Fund	(136,422).								(136,422).	
04–358414		(137,600)								(137,600)	
04-3364 14	Fund	(21.479)								(21,479)	
82-334742		(21,479)								(21,479)	
02-334742	2005 Fund	(3,363).								(3.363)	
82-343983		(3,303).								(3,303)	
02-040300	2035 Fund	(23,305).								(23.305)	
82-347229		(20,000)								(20,000)	
02 047220	2045 Fund	(28.176)								(28.176)	
82–350201		(20, 170).								(20, 170)	
02 000201	2055 Fund	(269.342)								(269.342)	
82-352514		(200,012)								(200,012)	
	2060 Fund	(2,842,371).								(2,842,371)	
04–159085		0	921,729							921.729	
04–159085		0	16,160,025							16,160,025	
87-402164		0	(63,262,654)							(63,262,654)	
04-159085		0	6, 155, 588							6, 155, 588	
	MM CM Holding LLC	0	23,746,742							23,746,742	
04-159085		0	2,925,552							2,925,552	
81–300042	0 MM Debt Participations LLC	0	200,000							200,000	
04-159085		0	6,260,000							6,260,000	
04-159085	0 MM East South Crossing Member LLC	0	4,229,005							4,229,005	
	MM Global Capabilities I LLC	0	(360)							(360)	
04-159085		0	17,008,704							17,008,704	
	MM Investment Holding			68,232,840						68,232,840	
04–159085											
	LLC	(30 , 173)	84 , 139 , 244							84,109,071	
04–159085	0 MM Rothesay Holdco US LLC		20,914,665							20,914,665	
		(62,028,998)	3							(62,028,995)	
04–159085		(32,952,546)	(12,352,485)							(45,305,031)	
47–351723		(379,749).								(379,749)	
47-354462		(5,090,592).								(5,090,592)	
47–355906		(858,471)								(858,471)	
		0	(29,817,476)							(29,817,476)	
04–159085	0 New Haven Holdco LLC		35,000,000							35,000,000	
85–388682		, ,,,,,,	9,880,982							8,995,644	
80-094802		0	992,866							992,866	
04–159085		0	(432,805)							(432,805)	
46-546030	9 Red Lake Ventures, LLC	0 ].	31,515							31,515	

## **SCHEDULE Y**

1	2	3	4	5	6	7	8	9	10	11	12	13
						Income/						
						(Disbursements)						
					Purchases, Sales	Incurred in						Reinsurance
					or Exchanges of	Connection with		Income/		Any Other Material		Recoverable/
					Loans, Securities,	Guarantees or		(Disbursements)		Activity Not in the		(Payable) on
NAIC					Real Estate.	Undertakings for	Management	Incurred Under		Ordinary Course of		Losses and/or
Company	ID	Names of Insurers and Parent,	Shareholder	Capital	Mortgage Loans or	the Benefit of any	Agreements and	Reinsurance		the Insurer's		Reserve Credit
Code	Number	Subsidiaries or Affiliates	Dividends	Contributions	Other Investments	Affiliate(s)	Service Contracts	Agreements	*	Business	Totals	Taken/(Liability)
	Number	Rothesay Life Plc		CONTINUEDATIONS	Other investments	7 tilliate(3)	OCIVICE CONTRACTS	Agreements		Business	101013	rakeri/(Liability)
	07.0077700			(004 700)								
	27-2977720	Sawgrass Village Shopping Center LLC	(893,280)	(681,720)							(1,575,000)	
	20-8856877	Somerset Special Opportunities Fund L.P	(2,323,093)	0								
		STOA Holding LLC	(403, 180)	0							(403, 180)	
		Tamiami Citrus, LLC	0  .	4,801							4,801	
	06-1563535	The MassMutual Trust Company FSB	(5 000 000)								(5,000,000)	
	81-5273574	Three PW Office Holding LLC	0	6,777,930							6,777,930	
	47-5322979	Three PW Office Holding LLC	0	(1,073,000)							(1,073,000)	
	41-2280129	Tower Square Capital Partners IIIA, L.P Trailside MM Member II LLC	1,207,723	(7,827,826)							(6,620,103)	
	04-1590850	Trailside MM Member II LLC	0	1,413,615							1,413,615	
	04-1590850	Trailside MM Member IIC	0	(2 333 662)							(2,333,662)	
	35-2484550	Twenty Two Liberty LLC	(3.025.018)	0		l	L	L			(3.025.018)	
	82-3250684	Unna, Dortmund Holding LLC	(427,412)	(564,532)							(991,944)	
		Washington Gateway Apartments Venture LLC									, , ,	
			(2.352.752)	932,300							(1,420,452)	
	32-0574045	Washington Gateway Three LLC	l0 l.	11,274.007							11,274,007	
		West 37th Street Hotel LLC	(1,651,484)	41,851,484							40,200,000	
9999999 Co	ntrol Totals		0	0	0	0	0	0	XXX	0	0	0

#### PART 3 - ULTIMATE CONTROLLING PARTY AND LISTING OF OTHER U.S. INSURANCE GROUPS OR ENTITIES UNDER THAT ULTIMATE CONTROLLING PARTY'S CONTROL

PARI 3 - ULTIMATE CONTROL	LING PARTY AND LISTING OF O	THER U.S. INSU	JKANCI	E GROUPS OR ENTITIES UNDER	THAT ULTIMATE CONTROLLING F	ARITOCON	IRUL
1	2	3	4	5	6	7	8
			Granted				Granted
			Disclaimer				Disclaimer
			of Control\				of Control\
			Affiliation of				Affiliation of
		Ownership	Column 2			Ownership	Column 5
		Percentage	Over			Percentage	Over
		Column 2 of	Column 1		U.S. Insurance Groups or Entities Controlled	(Column 5 of	Column 6
Insurers in Holding Company	Owners with Greater Than 10% Ownership	Column 1	(Yes/No)	Ultimate Controlling Party	by Column 5	Column 6)	(Yes/No)
Massachusetts Mutual Life Insurance Company	Massachusetts Mutual Life Insurance Company	100.000	NO	Massachusetts Mutual Life Insurance Company	Massachusetts Mutual Life Insurance Company	100.000	NO
C.M. Life Insurance Company	Massachusetts Mutual Life Insurance Company	100.000	NO	Massachusetts Mutual Life Insurance Company	Massachusetts Mutual Life Insurance Company	100.000	NO
MML Bay State Life Insurance Company	C.M. Life Insurance Company	100.000	NO	Massachusetts Mutual Life Insurance Company	Massachusetts Mutual Life Insurance Company	100.000	NO
MassMutual Ascend Life Insurance Company					Massachusetts Mutual Life Insurance Company		NO
Annuity Investors Life Insurance Company					Massachusetts Mutual Life Insurance Company		
	Manhattan National Holding LLC	100.000			Massachusetts Mutual Life Insurance Company	100.000	NO
mannattan National Life mustance company	Maillattan National Holding LLC	100.000	NU	massachusetts mutual Life insurance company	Imassachusetts mutual Effe insurance company	100.000	INU

#### SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

REQUIRED FILINGS

The following supplemental reports are required to be filed as part of your statement filing unless specifically waived by the domiciliary state. However, in the event that your domiciliary state waives the filing requirement, your response of WAIVED to the specific interrogatory will be accepted in lieu of filing a "NONE" report and a bar code will be printed below. If the supplement is required of your company but is not being filed for whatever reason enter SEE EXPLANATION and provide an explanation following the interrogatory questions.

question	ns.	Responses
	MARCH FILING	Responses
1.	Will the Supplemental Compensation Exhibit be filed with the state of domicile by March 1?	YES
2.	Will the confidential Risk-based Capital Report be filed with the NAIC by March 1?	YES
3.	Will the confidential Risk-based Capital Report be filed with the state of domicile, if required, by March 1?	YES
4.	Will an actuarial opinion be filed by March 1?	YES
	APRIL FILING	
5.	Will Management's Discussion and Analysis be filed by April 1?	YES
6.	Will the Life, Health & Annuity Guaranty Association Assessable Premium Exhibit - Parts 1 and 2 be filed with the state of domicile and the NAIC by April 1? (Not applicable to fraternal benefit societies)	YES
7.	Will the Supplemental Investment Risks Interrogatories be filed by April 1?	YES
	JUNE FILING	
8.	Will an audited financial report be filed by June 1?	YES
9.	Will Accountant's Letter of Qualifications be filed with the state of domicile and electronically with the NAIC by June 1?	YES
suppler specific	SUPPLEMENTAL FILINGS owing supplemental reports are required to be filed as part of your annual statement filing if your company is engaged in the type of business nent. However, in the event that your company does not transact the type of business for which the special report must be filed, your responses interrogatory will be accepted in lieu of filing a "NONE" report and a bar code will be printed below. If the supplement is required of your company whatever reason enter SEE EXPLANATION and provide an explanation following the interrogatory questions.  MARCH FILING	nse of NO to the
10.	Will Schedule SIS (Stockholder Information Supplement) be filed with the state of domicile by March 1? (Not applicable to fraternal benefit societies)	NO
11.	Will the Medicare Supplement Insurance Experience Exhibit be filed with the state of domicile and the NAIC by March 1?	NO
12.	Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC by March 1?	NO
13.	Will the actuarial opinion on participating and non-participating policies as required in Interrogatories 1 and 2 to Exhibit 5 be filed with the state of domicile and electronically with the NAIC by March 1?	NO
14.	Will the actuarial opinion on non-guaranteed elements as required in interrogatory #3 to Exhibit 5 be filed with the state of domicile and electronically with the NAIC by March 1?	YES
15.	Will the actuarial opinion on X-Factors be filed with the state of domicile and electronically with the NAIC by March 1?	NO
16.	Will the actuarial opinion on Separate Accounts Funding Guaranteed Minimum Benefit be filed with the state of domicile and electronically with the NAIC by March 1?	NO
17.	Will the actuarial opinion on Synthetic Guaranteed Investment Contracts be filed with the state of domicile and electronically with the NAIC by March 1?	NO
18.	Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC by March 1?	NO
19.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC by March 1?	YES
20.	Will the Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI be filed with the state of domicile and electronically with the NAIC by March 1?	NO
21.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC by March 1?	NO
22.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC by March 1?	NO
23.	Will the C-3 RBC Certifications required under C-3 Phase I be filed with the state of domicile and electronically with the NAIC by March 1?	YES
24.	Will the C-3 RBC Certifications required under C-3 Phase II be filed with the state of domicile and electronically with the NAIC by March 1?	YES

Will the Actuarial Certifications Related to Annuity Nonforfeiture Ongoing Compliance for Equity Indexed Annuities be filed with the state of domicile and electronically with the NAIC by March 1?

N0

#### SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

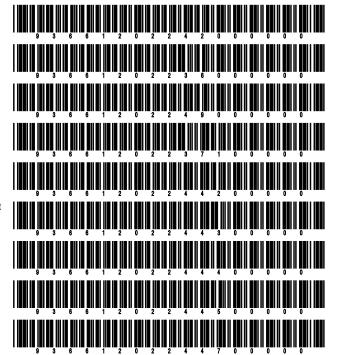
26.	Will the actuarial opinion required by the Modified Guaranteed Annuity Model Regulation be filed with the state of domicile and electronically with the NAIC by March 1?
27.	Will the Actuarial Certification regarding the use of 2001 Preferred Class Tables required by the Model Regulation Permitting the Recognition of Preferred Mortality Tables for Use in Determining Minimum Reserve Liabilities be filed with the state of domicile and electronically with the NAIC by March 1?
28.	Will the Worker's Compensation Carve-Out Supplement be filed by March 1? (Not applicable to fraternal benefit societies)
29.	Will Supplemental Schedule O be filed with the state of domicile and the NAIC by March 1?
30.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC by March 1?
31.	Will an approval from the reporting entity's state of domicile for relief related to the five-year rotation requirement for lead audit partner be filed electronically with the NAIC by March 1?
32.	Will an approval from the reporting entity's state of domicile for relief related to the one-year cooling off period for independent CPA be filed electronically with the NAIC by March 1?
33.	Will an approval from the reporting entity's state of domicile for relief related to the Requirements for Audit Committees be filed electronically with the NAIC by March 1?
34.	Will the VM-20 Reserves Supplement be filed with the state of domicile and the NAIC by March 1?
35.	Will the Health Care Receivables Supplement be filed with the state of domicile and the NAIC by March 1?
	APRIL FILING
36.	Will the confidential Regulatory Asset Adequacy Issues Summary (RAAIS) required by the Valuation Manual be filed with the state of domicile by April 1?
37.	Will the Long-Term Care Experience Reporting Forms be filed with the state of domicile and the NAIC by April 1?
38.	Will the Credit Insurance Experience Exhibit be filed with the state of domicile and the NAIC by April 1? (Not applicable to fraternal benefit societies)
39.	Will the Accident and Health Policy Experience Exhibit be filed by April 1?
40.	Will the Supplemental Health Care Exhibit (Parts 1, 2 and 3) be filed with the state of domicile and the NAIC by April 1?
41.	Will the regulator only (non-public) Supplemental Health Care Exhibit's Expense Allocation Report be filed with the state of domicile and the NAIC by April 1?
42.	Will the confidential Actuarial Memorandum required by Actuarial Guideline XXXVIII 8D be filed with the state of domicile by April 30?
43.	Will the Supplemental Term and Universal Life Insurance Reinsurance Exhibit be filed with the state of domicile and the NAIC by April 1?
44.	Will the Variable Annuities Supplement be filed with the state of domicile and the NAIC by April 1?
45.	Will the confidential Executive Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?
46.	Will the confidential Life Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?
47.	Will the confidential Variable Annuities Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?
	AUGUST FILING
48.	Will Management's Report of Internal Control Over Financial Reporting be filed with the state of domicile by August 1?
10.	
11. 12.	
16.	

Bar Codes:

13. 15. 16. 17. 18. 20. 21. 22. 25. 26. 31. 32. 33. 34. 35. 37. 38. 39. 40. 41.

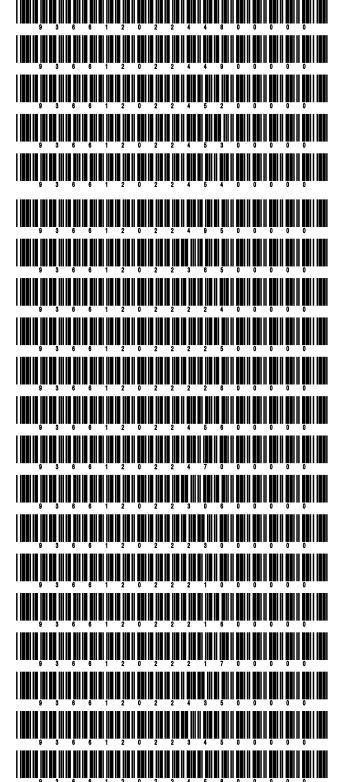
43. 46.

- 10. SIS Stockholder Information Supplement [Document Identifier 420]
- 11. Medicare Supplement Insurance Experience Exhibit [Document Identifier 360]
- 12. Trusteed Surplus Statement [Document Identifier 490]
- 13. Participating Opinion for Exhibit 5 [Document Identifier 371]
- 15. Actuarial Opinion on X-Factors [Document Identifier 442]
- Actuarial Opinion on Separate Accounts Funding Guaranteed Minimum Benefit [Document Identifier 443]
- Actuarial Opinion on Synthetic Guaranteed Investment Contracts [Document Identifier 444]
- Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]
- Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]



#### SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

- 21. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]
- Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) [Document Identifier 449]
- Actuarial Certifications Related to Annuity Nonforfeiture Ongoing Compliance for Equity Indexed Annuities [Document Identifier 452]
- 26. Modified Guaranteed Annuity Model Regulation [Document Identifier 453]
- Actuarial Certification regarding the use of 2001 Preferred Class Tables required by the Model Regulation Permitting the Recognition of Preferred Mortality Tables for Use in Determining Minimum Reserve Liabilities [Document Identifier 454]
- 28. Workers' Compensation Carve-Out Supplement [Document Identifier 495]
- 30. Medicare Part D Coverage Supplement [Document Identifier 365]
- 31. Relief from the five-year rotation requirement for lead audit partner [Document Identifier 224]
- Relief from the one-year cooling off period for independent CPA [Document Identifier 225]
- 33. Relief from the Requirements for Audit Committees [Document Identifier 226]
- 34. VM-20 Reserves Supplement [Document Identifier 456]
- 35. Health Care Receivables Supplement [Document Identifier 470]
- 37. Long-Term Care Experience Reporting Forms [Document Identifier 306]
- 38. Credit Insurance Experience Exhibit [Document Identifier 230]
- 39. Accident and Health Policy Experience Exhibit [Document Identifier 210]
- 40. Supplemental Health Care Exhibit (Parts 1, 2 and 3) [Document Identifier 216]
- Supplemental Health Care Exhibit's Expense Allocation Report [Document Identifier 217]
- 42. Actuarial Memorandum Required by Actuarial Guideline XXXVIII 8D [Document Identifier 435]
- 43. Supplemental Term and Universal Life Insurance Reinsurance Exhibit
- 46. Life Summary of the PBR Actuarial Report [Document Identifier 458]



# **OVERFLOW PAGE FOR WRITE-INS**

Additional Write-ins for Assets Line 25

| Addition | iai Wille-iiis idi Assels Liile 25                            |        |                    |                     |              |
|----------|---|--------|--------------------|---------------------|--------------|
|          |   |        | Current Year       |                     | Prior Year   |
|          |   | 1      | 2                  | 3                   | 4            |
|          |   |        |                    | Net Admitted Assets | Net Admitted |
|          |   | Assets | Nonadmitted Assets | (Cols. 1 - 2)       | Assets       |
| 2504.    | Funds held as collateral                                      |        |                    | 0                   | 2,040,000    |
| 2597.    | Summary of remaining write-ins for Line 25 from overflow page | 0      | 0                  | 0                   | 2,040,000    |

Additional Write-ins for Summary of Operations Line 8.3

|  | 1            | 2          |
|--|--------------|------------|
|  | Current Year | Prior Year |
| 08.304. Miscellaneous income   | 25           | (21,726)   |
| 08.397. Summary of remaining write-ins for Line 8.3 from overflow page | 25           | (21,726)   |

## **OVERFLOW PAGE FOR WRITE-INS**

|   | 1     | 2               | 3          | 4                    | 5                 | 6                   | /                  | 8                          | 9                          |
|---|-------|-----------------|------------|----------------------|-------------------|---------------------|--------------------|----------------------------|----------------------------|
|   | Total | Individual Life | Group Life | Individual Annuities | Group Annuities   | Accident and Health | Fraternal          | Other Lines of<br>Business | YRT Mortality<br>Risk Only |
| 08.304. Miscellaneous income  | 25    | j               |            | 21                   | 4                 |                     |                    |                            |                            |
| 08.397. Summary of remaining write-ins for Line 8.3 from overflow page          | 25    | 0               |            | 0 21                 | 4                 | 0                   | 0                  | 0                          | 0                          |
| Additional Write-ins for Analysis of Operations - Individual Annuities Line 8.3 |       |                 |            |                      |                   |                     |                    |                            |                            |
|   |       |                 | 1          |                      | Def               | erred               |                    | 6                          | 7                          |
|   |       |                 |            | 2                    | 3                 | 4                   | 5                  | Life Contingent            |                            |
|   |       |                 |            |                      |                   | Variable Annuities  | Variable Annuities | Payout (Immediate          |                            |
|   |       |                 | Total      | Fixed Annuities      | Indexed Annuities | with Guarantees     | Without Guarantees | and Annuitizations)        | Other Annuities            |
| 08.304. Miscellaneous income  |       |                 |            | .21                  |                   | 21                  |                    |                            |                            |
| 08.397. Summary of remaining write-ins for Line 8.3 from overflow page          |       |                 |            | 21 0                 | 0                 | 21                  | 0                  | 0                          | C                          |
|   |       |                 |            |                      |                   |                     |                    |                            |                            |
| Additional Write-ins for Analysis of Operations - Group Annuities Line 8.3      |       |                 |            |                      |                   |                     |                    |                            |                            |
|   |       |                 | 1          |                      | Def               | erred               |                    | 6                          | 7                          |
|   |       |                 |            | 2                    | 3                 | 4                   | 5                  | Life Contingent            |                            |

Total

Fixed Annuities

Payout (Immediate

and Annuitizations)

Other Annuities

Variable Annuities

Without Guarantees

Variable Annuities

with Guarantees

Additional Write-ins for Analysis of Operations - Summary Line 8.3

08.397. Summary of remaining write-ins for Line 8.3 from overflow page

08.304. Miscellaneous income ....

#### **SUMMARY INVESTMENT SCHEDULE**

|     |   | Gross Investm | ent Holdings        |               | Admitted Asset in the Annua         |                        |                     |
|-----|---|---------------|---------------------|---------------|-------------------------------------|------------------------|---------------------|
|     |   | 1             | 2                   | 3             | 4                                   | 5                      | 6                   |
|     |   |               | Percentage of       |               | Securities<br>Lending<br>Reinvested | Total                  | Percentage of       |
|     | Investment Categories   | Amount        | Column 1<br>Line 13 | Amount        | Collateral<br>Amount                | (Col. 3 + 4)<br>Amount | Column 5<br>Line 13 |
| 1   | Long-Term Bonds (Schedule D, Part 1):                                     |               |                     |               |                                     |                        |                     |
|     | 1.01 U.S. governments   | 418.971       | 0.017               | 418.971       |                                     | 418.971                | 0.017               |
|     | 1.02 All other governments  |               |                     |               |                                     |                        |                     |
|     | 1.03 U.S. states, territories and possessions, etc. guaranteed            |               |                     |               |                                     | 33,981,090             |                     |
|     | 1.04 U.S. political subdivisions of states, territories, and possessions, |               |                     |               |                                     |                        |                     |
|     | guaranteed  | 27,620,529    | 1.123               | 27,620,529    |                                     | 27,620,529             | 1 . 123             |
|     | 1.05 U.S. special revenue and special assessment obligations, etc. non-   | 100 010 015   | 7 044               | 100 010 015   |                                     | 100 010 045            | 7 040               |
|     | guaranteed  |               |                     | 192,918,845   |                                     |                        |                     |
|     | 1.06 Industrial and miscellaneous   |               |                     |               |                                     |                        |                     |
|     | 1.07 Hybrid securities  1.08 Parent, subsidiaries and affiliates          |               |                     |               |                                     |                        |                     |
|     |   |               |                     |               |                                     |                        |                     |
|     | 1.09 SVO identified funds   |               |                     |               |                                     | 0                      |                     |
|     | 1.10 Unaffiliated bank loans  |               |                     |               |                                     | 0                      |                     |
|     | 1.11 Unaffiliated certificates of deposit                                 |               |                     |               |                                     | 0                      |                     |
|     | 1.12 Total long-term bonds  | 2,322,409,478 | 94.389              | 2,322,409,478 | 0                                   | 2,322,409,478          | 94.418              |
| 2.  | Preferred stocks (Schedule D, Part 2, Section 1):                         | 4 000 000     | 0 400               | 4 000 000     |                                     | 4 000 000              | 0 400               |
|     | 2.01 Industrial and miscellaneous (Unaffiliated)                          |               |                     |               |                                     |                        |                     |
|     | 2.02 Parent, subsidiaries and affiliates                                  |               |                     |               |                                     |                        |                     |
|     | 2.03 Total preferred stocks   | 4,000,000     | 0 . 163             | 4,000,000     | 0                                   | 4,000,000              | 0.163               |
| 3.  | Common stocks (Schedule D, Part 2, Section 2):                            |               |                     |               |                                     | _                      |                     |
|     | 3.01 Industrial and miscellaneous Publicly traded (Unaffiliated)          |               |                     |               |                                     |                        |                     |
|     | 3.02 Industrial and miscellaneous Other (Unaffiliated)                    |               |                     |               |                                     | 0                      |                     |
|     | 3.03 Parent, subsidiaries and affiliates Publicly traded                  |               |                     |               |                                     | 0                      |                     |
|     | 3.04 Parent, subsidiaries and affiliates Other                            |               |                     |               |                                     |                        |                     |
|     | 3.05 Mutual funds   |               |                     |               |                                     |                        |                     |
|     | 3.06 Unit investment trusts   |               |                     |               |                                     | 0                      |                     |
|     | 3.07 Closed-end funds   |               |                     |               |                                     | 0                      |                     |
|     | 3.08 Exchange traded funds  |               |                     |               |                                     |                        |                     |
|     | 3.09 Total common stocks  | . 0           | 0.000               | 0             | 0                                   | 0                      | 0.000               |
| 4.  | Mortgage loans (Schedule B):  |               |                     |               |                                     |                        |                     |
|     | 4.01 Farm mortgages   |               |                     |               |                                     | 0                      |                     |
|     | 4.02 Residential mortgages  |               |                     |               |                                     | 0                      |                     |
|     | 4.03 Commercial mortgages   |               |                     |               |                                     | 0                      |                     |
|     | 4.04 Mezzanine real estate loans  |               |                     |               |                                     | 0                      |                     |
|     | 4.05 Total valuation allowance  |               |                     |               |                                     | 0                      |                     |
|     | 4.06 Total mortgage loans   | 0             | 0.000               | 0             | 0                                   | 0                      | 0.000               |
| 5.  | Real estate (Schedule A):   |               |                     |               |                                     |                        |                     |
|     | 5.01 Properties occupied by company                                       |               |                     |               |                                     | 0                      |                     |
|     | 5.02 Properties held for production of income                             |               |                     |               |                                     | 0                      |                     |
|     | 5.03 Properties held for sale   |               |                     |               |                                     | 0                      |                     |
|     | 5.04 Total real estate  | 0             | 0.000               | 0             | 0                                   | 0                      | 0.000               |
| 6.  | Cash, cash equivalents and short-term investments:                        |               |                     |               |                                     |                        |                     |
|     | 6.01 Cash (Schedule E, Part 1)  |               |                     |               |                                     |                        |                     |
|     | 6.02 Cash equivalents (Schedule E, Part 2)                                |               |                     |               |                                     |                        |                     |
|     | 6.03 Short-term investments (Schedule DA)                                 |               |                     |               |                                     | 4,879,338              |                     |
|     | 6.04 Total cash, cash equivalents and short-term investments              |               |                     |               | 0                                   | 45,324,251             | 1.843               |
| 7.  | Contract loans  |               |                     | 45,036,171    |                                     | 45,036,171             | 1.831               |
| 8.  | Derivatives (Schedule DB)   |               |                     | 24,814,134    |                                     | 24,814,134             | 1.009               |
| 9.  | Other invested assets (Schedule BA)                                       | 18,131,516    | 0.737               |               |                                     | 18, 131,516            | 0.737               |
| 10. | Receivables for securities  | 750,481       | 0.031               | 0             |                                     | 0                      | 0.000               |
| 11. | Securities Lending (Schedule DL, Part 1)                                  | 0             | 0.000               | 0             |                                     | XXX                    | XXX                 |
| 12. | Other invested assets (Page 2, Line 11)                                   | . 0           | 0.000               | 0             |                                     | 0                      | 0.000               |
| 13. | Total invested assets   | 2,460,466,031 | 100.000             | 2,459,715,551 | 0                                   | 2,459,715,551          | 100.000             |

# Schedule A - Verification - Real Estate ${f N}$ ${f O}$ ${f N}$ ${f E}$

Schedule B - Verification - Mortgage Loans  ${f N} \ {f O} \ {f N} \ {f E}$ 

#### **SCHEDULE BA - VERIFICATION BETWEEN YEARS**

Other Long-Term Invested Assets

| 1.  | Book/adjusted carrying value, December 31 of prior year                            | 374,319 |
|-----|--|---------|
| 2.  | Cost of acquired:  |         |
|     | 2.1 Actual cost at time of acquisition (Part 2, Column 8)0                         |         |
|     | 2.2 Additional investment made after acquisition (Part 2, Column 9)0               | 0       |
| 3.  | Capitalized deferred interest and other:   |         |
|     | 3.1 Totals, Part 1, Column 160   |         |
|     | 3.2 Totals, Part 3, Column 120   |         |
| 4.  | Accrual of discount  | 0       |
| 5.  | Unrealized valuation increase (decrease):  |         |
|     | 5.1 Totals, Part 1, Column 130   |         |
|     | 5.2 Totals, Part 3, Column 90  | 0       |
| 6.  | Total gain (loss) on disposals, Part 3, Column 19                                  | 0       |
| 7.  | Deduct amounts received on disposals, Part 3, Column 16                            | 0       |
| 8.  | Deduct amortization of premium and depreciation                                    | 242,802 |
| 9.  | Total foreign exchange change in book/adjusted carrying value:                     |         |
|     | 9.1 Totals, Part 1, Column 170   |         |
|     | 9.2 Totals, Part 3, Column 140   | 0       |
| 10. | Deduct current year's other than temporary impairment recognized:                  |         |
|     | 10.1 Totals, Part 1, Column 150  |         |
|     | 10.2 Totals, Part 3, Column 110  | 0       |
| 11. | Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10) | 131,516 |
| 12. |  |         |
| 13. | Statement value at end of current period (Line 11 minus Line 12)                   | 131,516 |

# **SCHEDULE D - VERIFICATION BETWEEN YEARS**

Bonds and Stocks

| 1.  | Book/adjusted carrying value, December 31 of prior year  |           | 2, 196, 456, 865 |
|-----|--|-----------|------------------|
| 2.  | Cost of bonds and stocks acquired, Part 3, Column 7  |           | 426,465,913      |
| 3.  | Accrual of discount  |           | 5,748,486        |
| 4.  | Unrealized valuation increase (decrease):  |           |                  |
|     | 4.1. Part 1, Column 12   | (309,609) |                  |
|     | 4.2. Part 2, Section 1, Column 15  | (502,597) |                  |
|     | 4.3. Part 2, Section 2, Column 13  | (124)     |                  |
|     | 4.4. Part 4, Column 11   | 48,808    | (763,522)        |
| 5.  | Total gain (loss) on disposals, Part 4, Column 19  |           | 866,533          |
| 6.  | Deduction consideration for bonds and stocks disposed of, Part 4, Column 7                                       |           | 297,247,012      |
| 7.  | Deduct amortization of premium   |           | 3,810,185        |
| 8.  | Total foreign exchange change in book/adjusted carrying value:   |           |                  |
|     | 8.1. Part 1, Column 15   | 0         |                  |
|     | 8.2. Part 2, Section 1, Column 19  | 0         |                  |
|     | 8.3. Part 2, Section 2, Column 16  | 0         |                  |
|     | 8.4. Part 4, Column 15   | 0         | 0                |
| 9.  | Deduct current year's other than temporary impairment recognized:  |           |                  |
|     | 9.1. Part 1, Column 14   | 1,359,201 |                  |
|     | 9.2. Part 2, Section 1, Column 17  | 0         |                  |
|     | 9.3. Part 2, Section 2, Column 14  | 0         |                  |
|     | 9.4. Part 4, Column 13   | 29,545    | 1,388,746        |
| 10. | Total investment income recognized as a result of prepayment penalties and/or acceleration fees, Note 5Q, Line 2 |           | 81,145           |
| 11. | Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)                               |           | 2,326,409,477    |
| 12. | Deduct total nonadmitted amounts   |           | 0                |
| 13. | Statement value at end of current period (Line 11 minus Line 12)   |           | 2,326,409,477    |

## **SCHEDULE D - SUMMARY BY COUNTRY**

Long-Term Bonds and Stocks OWNED December 31 of Current Year

|   |            | Long-Term Donds and Stocks | 1                               | 2             | 3             | 4                  |
|---|------------|----------------------------|---------------------------------|---------------|---------------|--------------------|
|   | escription | on                         | Book/Adjusted<br>Carrying Value | Fair Value    | Actual Cost   | Par Value of Bonds |
| BONDS<br>Governments  | 1.<br>2.   |                            | 418,971                         | 404,458       | 417,469       | 420,000            |
| (Including all obligations guaranteed   | 3.         | Other Countries            | 999.296                         | 986.095       | 994,460       | 1.000.000          |
| by governments)   | 4.         | Totals                     | 1,418,267                       | 1,390,553     | 1,411,929     | 1,420,000          |
| U.S. States, Territories and Possessions  |            |                            |                                 |               |               |                    |
| (Direct and guaranteed)   | 5.         | Totals                     | 33,981,090                      | 32,240,632    | 34,771,822    | 32,645,676         |
| U.S. Political Subdivisions of States,<br>Territories and Possessions (Direct<br>and guaranteed)  | 6.         | Totals                     | 27,620,529                      | 26,677,397    | 28,746,376    | 26,629,183         |
| U.S. Special Revenue and Special<br>Assessment Obligations and all Non-<br>Guaranteed Obligations of Agencies<br>and Authorities of Governments and<br>their Political Subdivisions | 7.         | Totals                     | 192,918,845                     | 174,596,901   | 198,412,266   | 183,412,047        |
| Industrial and Miscellaneous, SVO   | 8.         | United States              |                                 | 1,471,623,004 |               | 1.602.150.426      |
| Identified Funds, Unaffiliated Bank   | 9.         | Canada                     |                                 |               | 51,511,040    | , , - ,            |
| Loans, Unaffiliated Certificates of   | 10.        | Other Countries            | 397,083,979                     | 376,060,320   | 396,684,471   | 397, 195, 759      |
| Deposit and Hybrid Securities (unaffiliated)  | 11.        | Totals                     | 2,049,676,632                   | 1,896,158,165 | 2,051,658,300 | 2,051,181,185      |
| Parent, Subsidiaries and Affiliates   | 12.        | Totals                     | 16,794,115                      | 16,722,271    | 16,727,488    | 16,937,494         |
|   | 13.        | Total Bonds                | 2,322,409,478                   | 2,147,785,919 | 2,331,728,181 | 2,312,225,585      |
| PREFERRED STOCKS  | 14.        | United States              | 4,000,000                       | 4,052,800     | 4,000,000     |                    |
| Industrial and Miscellaneous  | 15.        | Canada                     |                                 |               |               |                    |
| (unaffiliated)  | 16.        | Other Countries            |                                 |               |               |                    |
|   | 17.        | Totals                     | 4,000,000                       | 4,052,800     | 4,000,000     |                    |
| Parent, Subsidiaries and Affiliates   | 18.        | Totals                     |                                 |               |               |                    |
|   | 19.        | Total Preferred Stocks     | 4,000,000                       | 4,052,800     | 4,000,000     |                    |
| COMMON STOCKS   | 20.        | United States              |                                 |               |               |                    |
| Industrial and Miscellaneous  | 21.        | Canada                     |                                 |               |               |                    |
| (unaffiliated), Mutual Funds, Unit  | 22.        | Other Countries            |                                 |               |               |                    |
| Investment Trusts, Closed-End Funds and Exchange Traded Funds   | 23.        | Totals                     | 0                               | 0             | 0             |                    |
| Parent, Subsidiaries and Affiliates   | 24.        | Totals                     |                                 | <u> </u>      | 0             |                    |
| arent, Subsidiaries and Aniliates   | 25.        | Total Common Stocks        | 0                               | 0             | 0             |                    |
|   | 26.        | Total Stocks               | 4,000,000                       | 4,052,800     | 4.000.000     |                    |
|   | 27.        | Total Bonds and Stocks     | 2,326,409,478                   | 2,151,838,719 | 2,335,728,181 |                    |

### **SCHEDULE D - PART 1A - SECTION 1**

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

|   | Quality and    | iviaturity Distribution | 2 SUI OI AII DUIIUS | wned December 31 | , at DUUN/AUJUSI |             | T 7                | ου issues and INF |                   | 10            | 11             | 12              |
|---|----------------|-------------------------|---------------------|------------------|------------------|-------------|--------------------|-------------------|-------------------|---------------|----------------|-----------------|
|   | !              | Over 1 Year             | Over 5 Years        | Over 10 Years    | ວ                | No Maturity | '                  | Col. 7 as a % of  | Total from Col. 7 | % From Col. 8 | Total Publicly | Total Privately |
| NAIC Designation  | 1 Year or Less | Through 5 Years         | Through 10 Years    |                  | Over 20 Years    | Date        | Total Current Year | Line 12.7         | Prior Year        | Prior Year    | Traded         | Placed (a)      |
| 1. U.S. Governments   |                |                         |                     |                  |                  |             |                    |                   |                   |               |                |                 |
| 1.1 NAIC 1  | 170,013        | 248,958                 | 0                   | 0                | 0                | XXX         | 418,971            | 0.0               |                   | 0.1           | 418,972        | (               |
| 1.2 NAIC 2  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                |                 |
| 1.3 NAIC 3  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  |                   |                   | 0.0           |                | (               |
| 1.4 NAIC 4  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  |                   |                   | 0.0           |                |                 |
| 1.5 NAIC 5  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  |                   |                   | 0.0           |                | (               |
| 1.6 NAIC 6  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                | (               |
| 1.7 Totals  | 170,013        | 248,958                 | 0                   | 0                | 0                | XXX         | 418,971            | 0.0               | 2,329,137         | 0.1           | 418,972        | ( -             |
| 2. All Other Governments  |                |                         |                     |                  |                  |             |                    |                   |                   |               |                |                 |
| 2.1 NAIC 1  | 0              | 999,296                 | 0                   | 0                | 0                | XXX         | 999,296            | 0.0               |                   | 0.1           | 0              | 999,296         |
| 2.2 NAIC 2  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                |                 |
| 2.3 NAIC 3  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                |                 |
| 2.4 NAIC 4  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                |                 |
| 2.5 NAIC 5  | 0              | 0                       | 0                   | 0                | 0                | XXX         |                    | 0.0               |                   | 0.0           |                | 0               |
| 2.6 NAIC 6  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                | (               |
| 2.7 Totals  | 0              | 999,296                 | 0                   | 0                | 0                | XXX         | 999,296            | 0.0               | 2,997,078         | 0.1           | 0              | 999,296         |
| 3. U.S. States, Territories and Possessions etc.,                               |                |                         |                     |                  |                  |             |                    |                   |                   |               |                |                 |
| Guaranteed  |                |                         |                     |                  |                  |             |                    |                   |                   |               |                |                 |
| 3.1 NAIC 1  | 3,536,895      | 15,642,190              | 12,725,913          | 2,076,092        | 0                |             | 33,981,090         | 1.4               |                   |               |                |                 |
| 3.2 NAIC 2  | 0              | 0                       | 0                   | 0                | 0                | XXX         | .   0              | 0.0               |                   | 0.0           |                |                 |
| 3.3 NAIC 3  | 0              | 0                       | 0                   | 0                | 0                | XXX         | .   0              | 0.0               |                   | 0.0           |                | (               |
| 3.4 NAIC 4  | 0              |                         | 0                   | 0                | 0                | XXX         | .   0              | 0.0               |                   | 0.0           |                | (               |
| 3.5 NAIC 5  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                |                 |
| 3.6 NAIC 6  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                | (               |
| 3.7 Totals  | 3,536,895      | 15,642,190              | 12,725,913          | 2,076,092        | 0                | XXX         | 33,981,090         | 1.4               | 32,702,600        | 1.4           | 33,981,089     | •               |
| 4. U.S. Political Subdivisions of States, Territories and                       |                |                         |                     |                  |                  |             |                    |                   |                   |               |                |                 |
| Possessions , Guaranteed  |                |                         |                     |                  |                  |             |                    |                   |                   |               |                |                 |
| 4.1 NAIC 1  | 6,416,566      | 14,623,981              | 6,164,055           | 415,927          | 0                | XXX         | 27,620,529         |                   |                   |               |                | (               |
| 4.2 NAIC 2  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                |                 |
| 4.3 NAIC 3  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                | (               |
| 4.4 NAIC 4  | 0              | 0                       | 0                   | 0                | 0                | XXX         | .   0              | 0.0               |                   | 0.0           |                |                 |
| 4.5 NAIC 5  | 0              | 0                       | 0                   | 0                | 0                | XXX         | .   0              | 0.0               |                   | 0.0           |                |                 |
| 4.6 NAIC 6  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                | (               |
| 4.7 Totals  | 6,416,566      | 14,623,981              | 6,164,055           | 415,927          | 0                | XXX         | 27,620,529         | 1.2               | 36,868,245        | 1.6           | 27,620,530     | (-              |
| U.S. Special Revenue & Special Assessment     Obligations, etc., Non-Guaranteed |                |                         |                     |                  |                  |             |                    |                   |                   |               |                |                 |
| 5.1 NAIC 1  | 17, 188, 342   | 65,472,814              | 48,500,213          | 51,966,498       | 9,790,978        | XXX         | 192,918,845        |                   |                   | 8.8           | 192,918,845    |                 |
| 5.2 NAIC 2  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               | 5,996,066         | 0.3           | 0              |                 |
| 5.3 NAIC 3  | 0              | 0                       | 0                   | J 0 J            | 0                | XXX         | 0                  | 0.0               |                   | 0.0           |                |                 |
| 5.4 NAIC 4  | 0              | 0                       | 0                   | J 0 J            | 0                | XXX         | 0                  | 0.0               |                   | 0.0           | 0              | (               |
| 5.5 NAIC 5  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           | 0              |                 |
| 5.6 NAIC 6  | 0              | 0                       | 0                   | 0                | 0                | XXX         | 0                  | 0.0               |                   | 0.0           | 0              |                 |
| 5.7 Totals  | 17.188.342     | 65.472.814              | 48.500.213          | 51.966.498       | 9.790.978        | XXX         | 192.918.845        | 8.1               | 212.710.529       | 9.1           | 192.918.845    | (               |

SCHEDULE D - PART 1A - SECTION 1 (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

|  | Quality and     | Maturity Distribution          | on of All Bonds O                | wned December 3                   |               | ed Carrying Value   | es by Major Types  | of Issues and NA              | AIC Designations                |                             |                          |                               |
|--|-----------------|--------------------------------|----------------------------------|-----------------------------------|---------------|---------------------|--------------------|-------------------------------|---------------------------------|-----------------------------|--------------------------|-------------------------------|
|  | 1               | 2                              | 3                                | 4                                 | 5             | 6                   | 7                  | 8                             | 9                               | 10                          | 11                       | 12                            |
| NAIC Designation                             | 1 Year or Less  | Over 1 Year<br>Through 5 Years | Over 5 Years<br>Through 10 Years | Over 10 Years<br>Through 20 Years | Over 20 Years | No Maturity<br>Date | Total Current Year | Col. 7 as a % of<br>Line 12.7 | Total from Col. 7<br>Prior Year | % From Col. 8<br>Prior Year | Total Publicly<br>Traded | Total Privately<br>Placed (a) |
| 6. Industrial & Miscellaneous (Unaffiliated) | i i eai Oi Less | Tillough 5 Teals               | Tillough to reals                | Thiough 20 Tears                  | Over 20 Tears | Date                | Total Cullent Teal | LIIIC 12.1                    | FIIOI I Cai                     | FIIOI Teal                  | ITaueu                   | Flaceu (a)                    |
| 6.1 NAIC 1                                   | 119.450.464     | 521,216,977                    | 301, 178, 406                    | 68,960,905                        | 17, 163, 123  | xxx                 | 1.027.969.875      | 43.4                          | 1,130,854,052                   | 48.4                        | 472,748,678              | 555 , 221 , 197               |
| 6.2 NAIC 2                                   | -, - ,          | 446,788,358                    | 340.967.001                      | 80,734,202                        | 40.525.453    | XXX                 | 1.013.619.861      | 42.8                          |                                 | 37.4                        | 738,758,798              |                               |
| 6.3 NAIC 3                                   | , ,             | 14,047,397                     | 681,073                          | 505,834                           | 0             | XXX                 | 18,421,055         | 0.8                           | ,                               | 1.3                         |                          |                               |
| 6.4 NAIC 4                                   |                 | 4,501,698                      | 1.330.674                        | 145,052                           | 0             | XXX                 | 6.782.192          | 0.3                           | - ,, -                          | 0.4                         | -, -, -                  |                               |
| 6.5 NAIC 5                                   |                 | 2,332,737                      | 310.169                          | 234,653                           | 131.478       | XXX                 | 3.398.290          | 0.1                           | 1.119.332                       | 0.0                         |                          |                               |
| 6.6 NAIC 6                                   | 10.810          | 36,480                         | 33,260                           | 38,865                            | 635           | XXX                 | 120,050            | 0.0                           | , .,                            | 0.0                         |                          | 120,050                       |
|  | , ,             |                                | 644.500.583                      |                                   | 57.820.689    |                     |                    |                               | ,                               |                             |                          |                               |
| 6.7 Totals                                   | 228,446,893     | 988,923,647                    | 644,500,583                      | 150,619,511                       | 57,820,689    | XXX                 | 2,070,311,323      | 87.4                          | 2,048,266,713                   | 87.6                        | 1,233,646,865            | 836,664,458                   |
| 7. Hybrid Securities                         |                 |                                | 4 704 400                        |                                   | 4 007 500     | 1001                | 0 404 055          | 0.0                           | 0 000 000                       |                             | 4 007 500                | 4 704 400                     |
| 7.1 NAIC 1                                   | 0               | 0                              | 4,734,423                        | 0                                 | 1,697,532     | XXX                 | 6,431,955          | 0.3                           | 2,000,000                       | 0.1                         |                          |                               |
| 7.2 NAIC 2                                   | 0               | 1,835,000                      | 4,000,126                        | 0                                 | 11,937,074    | XXX                 | 17,772,200         | 0.8                           |                                 | 0.0                         | , ,                      |                               |
| 7.3 NAIC 3                                   | 0               | 0                              | 0                                | 0                                 | 1,939,963     | XXX                 | 1,939,963          | 0.1                           |                                 | 0.0                         | , ,                      |                               |
| 7.4 NAIC 4                                   | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | 0.0                         |                          | 0                             |
| 7.5 NAIC 5                                   | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | 0.0                         |                          | 0                             |
| 7.6 NAIC 6                                   | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | 0.0                         |                          | C                             |
| 7.7 Totals                                   | 0               | 1,835,000                      | 8,734,549                        | 0                                 | 15,574,569    | XXX                 | 26,144,118         | 1.1                           | 2,000,000                       | 0.1                         | 20,229,381               | 5,914,737                     |
| 8. Parent, Subsidiaries and Affiliates       |                 |                                |                                  |                                   |               |                     |                    |                               |                                 |                             |                          |                               |
| 8.1 NAIC 1                                   | 714,505         | 4, 153, 897                    | 11,247,923                       | 677,790                           | 0             | XXX                 | 16,794,115         |                               |                                 | 0.0                         |                          | 16,794,115                    |
| 8.2 NAIC 2                                   | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | 0.0                         |                          | 0                             |
| 8.3 NAIC 3                                   | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | 0.0                         | 0                        | C                             |
| 8.4 NAIC 4                                   | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | 0.0                         | 0                        | C                             |
| 8.5 NAIC 5                                   | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | 0.0                         | 0                        | C                             |
| 8.6 NAIC 6                                   | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | 0.0                         | 0                        | C                             |
| 8.7 Totals                                   | 714,505         | 4, 153, 897                    | 11,247,923                       | 677,790                           | 0             | XXX                 | 16,794,115         | 0.7                           | 0                               | 0.0                         | 0                        | 16,794,115                    |
| 9. SVO Identified Funds                      |                 |                                |                                  |                                   |               |                     |                    |                               |                                 |                             |                          |                               |
| 9.1 NAIC 1                                   | XXX             | XXX                            | XXX                              | XXX                               | XXX           | 0                   | 0                  | 0.0                           |                                 | 0.0                         | 0                        | L0                            |
| 9.2 NAIC 2                                   | XXX             | XXX                            | XXX                              | XXX                               | XXX           | 0                   | 0                  | 0.0                           |                                 | 0.0                         | 0                        |                               |
| 9.3 NAIC 3                                   | XXX             | XXX                            | XXX                              | XXX                               | XXX           | 0                   | 0                  | 0.0                           |                                 | 0.0                         |                          |                               |
| 9.4 NAIC 4                                   | XXX             | XXX                            | XXX                              | XXX                               | XXX           | 0                   | 0                  | 0.0                           |                                 | 0.0                         |                          | 0                             |
| 9.5 NAIC 5                                   | XXX             | XXX                            | XXX                              | XXX                               | XXX           | 0                   | 0                  | 0.0                           |                                 | 0.0                         |                          | 0                             |
| 9.6 NAIC 6                                   | XXX             | XXX                            | XXX                              | XXX                               | XXX           | 0                   | 0                  | 0.0                           |                                 | 0.0                         |                          | 0                             |
| 9.7 Totals                                   | XXX             | XXX                            | XXX                              | XXX                               | XXX           | 0                   | 0                  |                               |                                 | 0.0                         |                          | 0                             |
| 10. Unaffiliated Bank Loans                  | 7000            | 7000                           | 7000                             | 7000                              | 7000          |                     |                    | 0.0                           |                                 | 0.0                         |                          |                               |
| 10.1 NAIC 1                                  | n               | ٥                              | n                                | n                                 | n             | xxx                 | n                  | 0.0                           |                                 | 0.0                         | 0                        | n                             |
| 10.1 NAIC 1                                  | n               | n                              | 0                                | n                                 | n             | XXX                 | n                  | 0.0                           |                                 | 0.0                         |                          | n                             |
| 10.3 NAIC 3                                  | n               | n                              | n                                | n                                 | n             | XXX                 | n                  | 0.0                           |                                 | 0.0                         |                          |                               |
| 10.4 NAIC 4                                  | 0               |                                | U                                | 0                                 |               | XXX                 | n                  | 0.0                           |                                 | 0.0                         |                          |                               |
| 10.4 NAIC 4                                  | 0               |                                | 0<br>n                           | 0                                 | 0             | XXX                 | n                  | 0.0                           |                                 | 0.0                         |                          |                               |
| 10.5 NAIC 5                                  |                 | ۰۰                             | 0                                | 0                                 | 0             | XXX                 | ۸                  | 0.0                           |                                 | 0.0                         |                          |                               |
|  |                 | 0                              | 0                                | 0                                 | Ü             |                     | 0                  | 0.0                           |                                 | 0.0                         |                          | 1                             |
| 10.7 Totals                                  | U               | U                              | U                                | U                                 | U             | XXX                 | U                  | 0.0                           | 0                               | 0.0                         | U                        | -                             |
| 11. Unaffiliated Certificates of Deposit     |                 |                                | 0                                |                                   |               | 1001                | 0                  | 0.0                           | 1001                            | 1001                        |                          |                               |
| 11.1 NAIC 1                                  |                 | 0                              | 0                                | 0                                 | 0             | XXX                 | ļ0                 | 0.0                           |                                 | XXX                         | .   0                    | 0                             |
| 11.2 NAIC 2                                  |                 | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | XXX                         | .   0                    | 0                             |
| 11.3 NAIC 3                                  | 0               | 0                              | J 0                              | 0                                 | J 0           | XXX                 | .   0              | 0.0                           |                                 | XXX                         | .   0                    | C                             |
| 11.4 NAIC 4                                  | 0               | 0                              | ļ0                               | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | XXX                         | .   0                    | 0                             |
| 11.5 NAIC 5                                  | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | .   0              | 0.0                           |                                 | XXX                         | .   0                    | C                             |
| 11.6 NAIC 6                                  |                 | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           |                                 | XXX                         | 0                        | C                             |
| 11.7 Totals                                  | 0               | 0                              | 0                                | 0                                 | 0             | XXX                 | 0                  | 0.0                           | XXX                             | XXX                         | 0                        | 0                             |

SCHEDULE D - PART 1A - SECTION 1 (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations.

| Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations |                 |                                |                                  |                                   |               |                     |                    |                               |                    |                             |                |                 |
|---|-----------------|--------------------------------|----------------------------------|-----------------------------------|---------------|---------------------|--------------------|-------------------------------|--------------------|-----------------------------|----------------|-----------------|
|   | 1               | 2                              | 3                                | 4                                 | 5             | 6                   | 7                  | 8                             | 9                  | 10                          | 11             | 12              |
| NAIC Designation  | 1 Year or Less  | Over 1 Year<br>Through 5 Years | Over 5 Years<br>Through 10 Years | Over 10 Years<br>Through 20 Years | Over 20 Years | No Maturity<br>Date | Total Current Year | Col. 7 as a % of<br>Line 12.7 | Total from Col. 7  | % From Col. 8<br>Prior Year | Total Publicly | Total Privately |
| 12. Total Bonds Current Year  | I fear or Less  | Through 5 Years                | Through to Years                 | Through 20 Years                  | Over 20 Years | Date                | Total Current Year | Line 12.7                     | Prior Year         | Phor Year                   | Traded         | Placed (a)      |
|   | (d) 147,476,785 | 622,358,113                    | 384,550,933                      | 124,097,212                       | 28,651,633    |                     | 1.307.134.676      | 55.2                          | 2007               | 2007                        | 729,385,646    | 577,749,030     |
| 12.1 NAIC 1   |                 | 622,336,113                    | 364,550,933                      |                                   | 52,462,527    | 0                   | 1.031.392.061      |                               | XXX                | XXX                         |                |                 |
| 12.2 NAIC 2   | (d) 104,604,847 |                                |                                  | 80,734,202                        |               | 0                   |                    |                               | XXX                | XXX                         | 755,350,684    | 276,041,377     |
| 12.3 NAIC 3   | (d) 3, 186,751  | 14,047,397                     | 681,073                          | 505,834                           | 1,939,963     | 0                   | 20,361,018         | 0.9                           | XXX                | XXX                         | 15,615,038     | 4,745,980       |
| 12.4 NAIC 4   | (d)804,768      | 4,501,698                      | 1,330,674                        | 145,052                           | 0             | 0                   | 6,782,192          | 0.3                           | XXX                | XXX                         | 5,327,734      |                 |
| 12.5 NAIC 5   | (d)389,253      | 2,332,737                      | 310 , 169                        | 234,653                           | 131,478       | 0                   | (c) 3,398,290      | 0.1                           | XXX                | XXX                         | 3, 136, 580    | 261,710         |
| 12.6 NAIC 6   | (d) 10,810      | 36,480                         | 33,260                           | 38,865                            | 635           | 0                   | (c) 120,050        | 0.0                           | XXX                | XXX                         | 0              | 120,050         |
| 12.7 Totals   | 256,473,214     | 1,091,899,783                  | 731,873,236                      | 205,755,818                       | 83, 186, 236  | 0                   | (b) 2,369,188,287  | 100.0                         | XXX                | XXX                         | 1,508,815,682  | 860,372,605     |
| 12.8 Line 12.7 as a % of Col. 7   | 10.8            | 46.1                           | 30.9                             | 8.7                               | 3.5           | 0.0                 | 100.0              | XXX                           | XXX                | XXX                         | 63.7           | 36.3            |
| 13. Total Bonds Prior Year  |                 |                                |                                  |                                   |               |                     |                    |                               |                    |                             |                |                 |
| 13.1 NAIC 1   |                 | 609,929,169                    |                                  | 118,930,611                       | 38,468,027    | 0                   | XXX                | XXX                           | 1,414,465,576      | 60.5                        |                | 673, 154, 426   |
| 13.2 NAIC 2   | 70,214,753      | 413,302,748                    | 293,884,218                      | 56,526,586                        | 47,334,370    | 0                   | XXX                | XXX                           | 881,262,675        | 37.7                        | 712,784,363    | 168,478,311     |
| 13.3 NAIC 3   | 3,635,534       | 19, 177, 847                   | 5,764,549                        | 988,005                           | 667,800       | 0                   | XXX                | XXX                           | 30,233,734         | 1.3                         | 28,479,488     | 1,754,246       |
| 13.4 NAIC 4   | 977,642         | 3,498,277                      | 3,734,325                        | 1,113,566                         | 586,951       | 0                   | XXX                | XXX                           | 9,910,761          | 0.4                         | 8,301,404      | 1,609,356       |
| 13.5 NAIC 5   | 124,019         | 288,812                        | 160 , 147                        | 328,538                           | 217,816       | 0                   | XXX                | XXX                           | (c) 1, 119, 332    | 0.0                         | 573,849        | 545,483         |
| 13.6 NAIC 6   | 387,719         | 254,547                        | 29,258                           | 173                               | 210,529       | 0                   | XXX                | XXX                           | (c) 882,226        | 0.0                         | 882,226        | 0               |
| 13.7 Totals   |                 | 1,046,451,400                  | 640,206,149                      | 177,887,478                       | 87,485,493    | 0                   | XXX                | XXX                           | (b) .2,337,874,304 | 100.0                       | 1,492,332,482  | 845,541,822     |
| 13.8 Line 13.7 as a % of Col. 9   | 16.5            | 44.8                           | 27.4                             | 7.6                               | 3.7           | 0.0                 |                    | XXX                           | 100.0              | XXX                         | 63.8           | 36.2            |
| 14. Total Publicly Traded Bonds   |                 |                                |                                  |                                   |               |                     |                    |                               |                    |                             |                |                 |
| 14.1 NAIC 1   |                 | 353, 160,006                   | 191,334,227                      | 96,118,658                        | 20,533,385    | 0                   | 729.385.645        | 30.8                          | 741.311.151        | 31.7                        | 729.385.645    | XXX             |
| 14.2 NAIC 2   |                 |                                | 265 . 490 . 195                  | 70.368.689                        | 33.275.310    | 0                   | 755.350.684        | 31.9                          | 712.784.363        | 30.5                        | 755.350.684    | XXX             |
| 14.3 NAIC 3   |                 | 11.802.766                     | 681.073                          | 505.834                           | 1.939.963     | 0                   | 15.615.038         | 0.7                           | 28.479.488         | 1.2                         | 15.615.038     | XXX             |
| 14.4 NAIC 4   | 567.895         | 3.310.351                      | 1.304.436                        | 145,052                           | 0             | 0                   | 5.327.734          | 0.2                           | 8.301.404          | 0.4                         | 5.327.734      | XXX             |
| 14.5 NAIC 5   |                 | 2,273,985                      | 254,679                          | 164,563                           | 71,230        | 0                   | 3.136.580          | 0.1                           | 573.849            | 0.0                         | 3,136,580      | XXX             |
| 14.6 NAIC 6   | 0               | 0                              | 0                                | 0                                 | 0             | 0                   | 0                  | 0.0                           | 882.226            | 0.0                         | 0              | XXX             |
| 14.7 Totals   | 118, 133,515    | 708,494,872                    | 459.064.610                      | 167,302,796                       | 55,819,888    | 0                   | 1.508.815.681      | 63.7                          | 1.492.332.482      | 63.8                        | 1.508.815.681  | XXX             |
| 14.8 Line 14.7 as a % of Col. 7   | 7 8             | 47 0                           | 30.4                             | 11 1                              | 3.7           | 0.0                 | 100.0              | XXX                           | XXX                | XXX                         | 100 0          | XXX             |
| 14.9 Line 14.7 as a % of Line 12.7, Col. 7,   |                 |                                |                                  | 11.1                              |               |                     | 100.0              |                               |                    |                             | 100.0          |                 |
| Section 12  | 5.0             | 29.9                           | 19.4                             | 7.1                               | 2.4           | 0.0                 | 63.7               | XXX                           | XXX                | XXX                         | 63.7           | XXX             |
| 15. Total Privately Placed Bonds  | 0.0             | 2010                           |                                  |                                   |               | 0.0                 | 3311               | 7000                          | 7000               | 7001                        | 30             | 7000            |
| 15.1 NAIC 1   | 79.237.416      | 269 . 198 . 107                | 193.216.706                      | 27.978.554                        | 8 . 118 . 248 | 0                   | 577.749.031        | 24.4                          | 673 . 154 . 426    | 28.8                        | XXX            | 577.749.031     |
| 15.2 NAIC 2   | 56.336.121      | 110.675.594                    | 79.476.932                       | 10.365.513                        | 19.187.217    | 0                   | 276.041.377        | 11 7                          | 168.478.311        | 7.2                         | XXX            | 276,041,377     |
| 15.3 NAIC 3   | 2.501.349       | 2.244.631                      | Λ                                | n                                 | ۱۵, ۱۵۲, ۱۵۲  | n                   | 4.745.980          | 0.2                           | 1.754.246          | 0.1                         | XXX            | 4.745.980       |
| 15.4 NAIC 4   | 236.873         | 1. 191.347                     | 26.238                           | n                                 |               | n                   | 1.454.458          | 0.1                           | 1.609.356          | 0.1                         | XXX            | 1,454,458       |
| 15.5 NAIC 5   | 17,130          | 58,752                         | 55 . 490                         | 70.090                            | 60,248        | n                   | 261.710            | 0.0                           | 545.483            | 0.0                         | XXX            | 261,710         |
| 15.6 NAIC 6   |                 | 36,480                         | 33.260                           | 38.865                            | 635           | 0<br>n              | 120.050            | 0.0                           |                    | 0.0                         |                | 120,050         |
| 15.7 Totals   |                 | 383,404,911                    | 272,808,626                      | 38,453,022                        | 27,366,348    | 0                   | 860,372,606        | 36.3                          | 845.541.822        | 36.2                        | XXX            | 860,372,606     |
| 15.7 Totals   | 16.1            | 44.6                           | 31.7                             |                                   | 3.2           | 0.0                 | 100.0              | XXX                           |                    | XXX                         | XXX            | 860,372,606     |
|   | 10. 1           | 44.6                           | 31.7                             | 4.5                               | 3.2           | 0.0                 | 100.0              | XXX                           | XXX                | XXX                         | XXX            | 100.0           |
| 15.9 Line 15.7 as a % of Line 12.7, Col. 7,<br>Section 12   | 5.8             | 16.2                           | 11.5                             | 1.6                               | 1.2           | 0.0                 | 36.3               | xxx                           | XXX                | xxx                         | XXX            | 36.3            |
| Section 12  | 3.0             | 10.2                           | 11.3                             | 1.0                               | 1.2           | 0.0                 | 30.3               | \/\\                          |                    | \/\\                        | ^^^            | 30.3            |

<sup>(</sup>a) Includes \$ ......850,468,137 freely tradable under SEC Rule 144 or qualified for resale under SEC Rule 144A.

<sup>(</sup>SVO) in reliance on the insurer's certification that the issuer is current in all principal and interest payments. "6\*" means the NAIC designation was assigned by the SVO due to inadequate certification of principal and interest payments.

## SCHEDULE D - PART 1A - SECTION 2

| Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Type and Subtype of Issues |                |                 |                  |                  |               |             |                    |                  |                   |               |                  |                 |
|--|----------------|-----------------|------------------|------------------|---------------|-------------|--------------------|------------------|-------------------|---------------|------------------|-----------------|
|  | 1              | 2               | 3                | 4                | 5             | 6           | 7                  | 8                | 9                 | 10            | 11               | 12              |
|  |                | Over 1 Year     | Over 5 Years     | Over 10 Years    |               | No Maturity |                    | Col. 7 as a % of | Total from Col. 7 | % From Col. 8 | Total Publicly   | Total Privately |
| Distribution by Type   | 1 Year or Less | Through 5 Years | Through 10 Years | Through 20 Years | Over 20 Years | Date        | Total Current Year | Line 12.09       | Prior Year        | Prior Year    | Traded           | Placed          |
| 1. U.S. Governments  |                |                 |                  |                  |               |             |                    |                  |                   |               |                  |                 |
| 1.01 Issuer Obligations  | 170,013        | 248,958         | 0                | 0                | 0             | XXX         | 418,971            | 0.0              | 2,315,192         | 0.1           | 418,972          | (1)             |
| 1.02 Residential Mortgage-Backed Securities  | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              | 13,945            | 0.0           | 0                | 0               |
| 1.03 Commercial Mortgage-Backed Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 1.04 Other Loan-Backed and Structured Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 1.05 Totals  | 170,013        | 248,958         | 0                | 0                | 0             | XXX         | 418,971            | 0.0              | 2,329,137         | 0.1           | 418,972          | (1)             |
| 2. All Other Governments   |                |                 |                  |                  |               |             |                    |                  |                   |               |                  |                 |
| 2.01 Issuer Obligations  | 0              | 999.296         | 0                | 0                | 0             | XXX         | 999.296            | 0.0              | 2,997,078         | l0.1          | 0                | 999.296         |
| 2.02 Residential Mortgage-Backed Securities  | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              | , ,               | 0.0           | 0                | 0               |
| 2.03 Commercial Mortgage-Backed Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 2.04 Other Loan-Backed and Structured Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 2.05 Totals  | 0              | 999.296         | 0                | 0                | 0             |             | 999.296            | 0.0              | 2,997,078         | 0.1           | 0                | 999.296         |
| 3. U.S. States, Territories and Possessions, Guaranteed  | ·              | 000,200         |                  |                  |               | 7000        | 000,200            | 0.0              | 2,001,010         | 0.1           | 0                | 000,200         |
| 3.01 Issuer Obligations  | 3.536.895      |                 | 12.725.913       | 2.076.092        | 0             | <b>VVV</b>  | 33.981.090         | 1.4              | 32.702.600        | 1 4           | 33.981.089       |                 |
|  | 3,536,895      | 15,642, 190     | 12,725,913       | 2,0/6,092        | 0             | XXXXXX      | 33,981,090         | 1.4              | 32,702,600        | 1.4           | 33,981,089       | 1               |
| 3.02 Residential Mortgage-Backed Securities  | 0              | 0               | 0                | J0               | 0             |             | 0                  |                  |                   |               | 0                | 0               |
| 3.03 Commercial Mortgage-Backed Securities   | 0              | 0               | 0                | J                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 3.04 Other Loan-Backed and Structured Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 3.05 Totals  | 3,536,895      | 15,642,190      | 12,725,913       | 2,076,092        | 0             | XXX         | 33,981,090         | 1.4              | 32,702,600        | 1.4           | 33,981,089       | 1               |
| 4. U.S. Political Subdivisions of States, Territories and  |                |                 |                  |                  |               |             |                    |                  |                   |               |                  |                 |
| Possessions, Guaranteed  |                |                 |                  |                  | _             |             |                    |                  |                   |               |                  |                 |
| 4.01 Issuer Obligations  | 6,416,566      | 14,623,981      | 6, 164, 055      | 415,927          | 0             | XXX         | 27,620,529         | 1.2              | 36,868,245        | 1.6           | 27,620,530       | [(1)            |
| 4.02 Residential Mortgage-Backed Securities  | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 4.03 Commercial Mortgage-Backed Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 4.04 Other Loan-Backed and Structured Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 4.05 Totals  | 6,416,566      | 14,623,981      | 6,164,055        | 415,927          | 0             | XXX         | 27,620,529         | 1.2              | 36,868,245        | 1.6           | 27,620,530       | (1)             |
| 5. U.S. Special Revenue & Special Assessment Obligations   |                |                 |                  |                  |               |             |                    |                  |                   |               |                  |                 |
| etc., Non-Guaranteed   |                |                 |                  |                  |               |             |                    |                  |                   |               |                  |                 |
| 5.01 Issuer Obligations  | 15,559,913     | 59,489,055      | 42,095,546       | 42, 102, 351     | 3,990,950     | XXX         | 163,237,815        | 6.9              | 157,061,886       | 6.7           | 163,237,813      | 2               |
| 5.02 Residential Mortgage-Backed Securities  | 1,628,429      | 5,983,758       | 6,404,666        | 9,864,149        | 5,800,028     | XXX         | 29,681,030         | 1.3              | 32,896,798        | 1.4           | 29,681,032       | (2)             |
| 5.03 Commercial Mortgage-Backed Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 5.04 Other Loan-Backed and Structured Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              | 22,751,846        | 1.0           | 0                | 0               |
| 5.05 Totals  | 17, 188, 342   | 65,472,813      | 48,500,212       | 51,966,500       | 9,790,978     | XXX         | 192,918,845        | 8.1              | 212,710,529       | 9.1           | 192,918,845      | 0               |
| 6. Industrial and Miscellaneous  |                |                 |                  |                  |               |             |                    |                  |                   |               |                  |                 |
| 6.01 Issuer Obligations  | 137,330,734    | 711,795,926     | 474, 163, 663    | 112,921,907      | 49,614,476    | XXX         | 1,485,826,706      | 62.7             | 1,503,544,995     | 64.3          | 1, 170, 832, 719 | 314,993,987     |
| 6.02 Residential Mortgage-Backed Securities  | 14,509,189     | 51,946,405      | 34,262,412       | 18,403,858       | 5,329,867     | XXX         |                    | 5.3              | 101, 111, 364     | 4.3           | 33,505,655       | 90,946,076      |
| 6.03 Commercial Mortgage-Backed Securities   | 15,060,591     | 33,401,622      | 10,958,180       | 1,632,794        | 0             | XXX         | 61,053,187         | 2.6              | 51,648,390        | 2.2           | 23,093,179       | 37,960,008      |
| 6.04 Other Loan-Backed and Structured Securities   | 61,546,379     | 191,779,692     | 125,116,328      | 17,660,953       | 2,876,347     | XXX         | 398,979,699        | 16.8             | 391,961,964       | 16.8          | 6,215,312        | 392,764,387     |
| 6.05 Totals  | 228,446,893    | 988,923,645     | 644,500,583      | 150,619,512      | 57,820,690    | XXX         | 2,070,311,323      | 87.4             | 2,048,266,713     | 87.6          |                  | 836,664,458     |
| 7. Hybrid Securities   | 223,440,000    | 000,020,040     | 517,000,000      | 100,010,012      | 01,020,000    | 7000        | 2,070,011,020      | 07.1             | 2,010,200,710     | 57.0          | 1,200,040,000    | 550,004,400     |
| 7.01 Issuer Obligations  | 0              | 1,835,000       |                  | 0                | 15,574,569    | xxx         | 26, 144, 118       | 1.1              | 2,000,000         | 0.1           | 20,229,381       | 5,914,737       |
| 7.01 Issuer Obligations  |                | 1,835,000       | 8,734,549        | J                | 15,5/4,569    | XXXXXX      | 20, 144, 118       |                  | 2,000,000         | 0.0           | 20,229,381       |                 |
|  |                | 0               | 0                | 0                | 0             |             | 0                  |                  |                   |               | 0                | 0               |
| 7.03 Commercial Mortgage-Backed Securities 7.04 Other Loan-Backed and Structured Securities                                | 0              |                 | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0<br>0.0    | 0                | 0               |
| I  | Ţ              | U               | Ü                | 0                | 0             | XXX         | 00 444 440         | 0.0              | 0.000.000         |               | · ·              | 5 044 707       |
| 7.05 Totals  | 0              | 1,835,000       | 8,734,549        | 0                | 15,574,569    | XXX         | 26, 144, 118       | 1.1              | 2,000,000         | 0.1           | 20,229,381       | 5,914,737       |
| 8. Parent, Subsidiaries and Affiliates   |                |                 |                  |                  |               |             |                    |                  |                   |               |                  |                 |
| 8.01 Issuer Obligations  | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 8.02 Residential Mortgage-Backed Securities  | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 8.03 Commercial Mortgage-Backed Securities   | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 8.04 Other Loan-Backed and Structured Securities   | 714,505        | 4 , 153 , 897   | 11,247,923       | 677,790          | 0             | XXX         | 16,794,115         | 0.7              |                   | 0.0           | 0                | 16,794,115      |
| 8.05 Affiliated Bank Loans - Issued  | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 8.06 Affiliated Bank Loans - Acquired  | 0              | 0               | 0                | 0                | 0             | XXX         | 0                  | 0.0              |                   | 0.0           | 0                | 0               |
| 8.07 Totals  | 714.505        | 4, 153, 897     | 11.247.923       | 677.790          | 0             | XXX         | 16.794.115         | 0.7              | 0                 | 0.0           | 0                | 16,794,115      |
|  | 711,000        | 1, 100,007      | 11,211,020       | 311,100          | ı             | ////        | 10,701,110         | 0.7              | ı                 | 0.0           |                  | 10,701,110      |

## SCHEDILLE D. DADT 1A SECTION 2 (Continued)

| SCHEDULE D - PART 1A - SECTION 2 (Continued)  |                           |                           |                           |                    |                  |                  |                    |                       |                        |                     |                      |                           |
|---|---------------------------|---------------------------|---------------------------|--------------------|------------------|------------------|--------------------|-----------------------|------------------------|---------------------|----------------------|---------------------------|
| Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Type and Subtype of Issues  1 |                           |                           |                           |                    |                  |                  |                    |                       |                        |                     |                      |                           |
|   | 1                         | 2<br>Over 1 Year          | 3<br>Over 5 Years         | 4<br>Over 10 Years | 5                | 6<br>No Maturity | 7                  | 8<br>Col. 7 as a % of | 9<br>Total from Col. 7 | 10<br>% From Col. 8 | 11<br>Total Publicly | 12<br>Total Privately     |
| Distribution by Type  | 1 Year or Less            | Through 5 Years           | Through 10 Years          | Through 20 Years   | Over 20 Years    | Date             | Total Current Year | Line 12.09            | Prior Year             | Prior Year          | Traded               | Placed                    |
| 9. SVO Identified Funds   |                           |                           |                           |                    |                  |                  |                    |                       |                        |                     |                      |                           |
| 9.01 Exchange Traded Funds Identified by the SVO  | XXX                       | XXX                       | XXX                       | XXX                | XXX              | 0                | 0                  | 0.0                   |                        | 0.0                 | 0                    | 0                         |
| 10. Unaffiliated Bank Loans 10.01 Unaffiliated Bank Loans - Issued  | 0                         | 0                         | 0                         | 0                  | 0                | xxx              | 0                  | 0.0                   |                        | 0.0                 | 0                    | 0                         |
| 10.01 Unaffiliated Bank Loans - Issued  | 0                         | 0                         | 0                         | 0                  | 0                | XXX              | 0                  | 0.0                   |                        | 0.0                 | 0                    | 0                         |
| 10.03 Totals  | 0                         | 0                         | 0                         | 0                  | 0                |                  | 0                  | 0.0                   | 0                      | 0.0                 | 0                    | 0                         |
| 11. Unaffiliated Certificates of Deposit  |                           |                           |                           |                    |                  |                  |                    |                       |                        |                     |                      |                           |
| 11.01 Totals  | 0                         | 0                         | 0                         | 0                  | 0                | XXX              | 0                  | 0.0                   | XXX                    | XXX                 | 0                    | 0                         |
| 12. Total Bonds Current Year  |                           | 004 004 400               | F40, 000, 700             | 457 540 077        | 00 470 005       | xxx              | 4 700 000 505      | 73.4                  | xxx                    | xxx                 |                      | 004 000 004               |
| 12.01 Issuer Obligations  |                           |                           | 543,883,726<br>40,667,078 | 157,516,277        |                  | XXX              | 1,738,228,525      |                       | XXX                    | XXXXXX              |                      | 321,908,021               |
| 12.03 Commercial Mortgage-Backed Securities   |                           |                           | 10.958.180                | 1,632,794          | 0                | XXX              |                    | 2.6                   | XXX                    | XXX                 |                      |                           |
| 12.04 Other Loan-Backed and Structured Securities .   | 62,260,884                | 195,933,589               | 136,364,251               |                    | 2,876,347        | XXX              | 415,773,814        | 17.5                  | XXX                    | XXX                 | 6,215,312            |                           |
| 12.05 SVO Identified Funds  | XXX                       | XXX                       | XXX                       | XXX                | XXX              | 0                | 0                  | 0.0                   | XXX                    | XXX                 | 0                    | 0                         |
| 12.06 Affiliated Bank Loans   | 0                         | 0                         | 0                         | 0                  | 0                | XXXXXX           | 0                  | 0.0                   | XXXXXX                 | XXXXXX              | 0                    | 0                         |
| 12.08 Unaffiliated Certificates of Deposit  | 0                         | 0                         | 0                         | 0                  | 0                | XXX              | 0                  | 0.0                   | XXX                    | XXX                 | 0                    | 0                         |
| 12.09 Totals  | 256,473,214               | 1,091,899,780             | 731,873,235               | 205,755,821        | 83, 186, 237     | 0                | 2,369,188,287      | 100.0                 | XXX                    | XXX                 | 1,508,815,682        |                           |
| 12.10 Line 12.09 as a % of Col. 7   | 10.8                      | 46.1                      | 30.9                      | 8.7                | 3.5              | 0.0              | 100.0              | XXX                   | XXX                    | XXX                 | 63.7                 | 36.3                      |
| 13. Total Bonds Prior Year  |                           |                           |                           |                    |                  | 1001             | 1001               |                       |                        |                     |                      |                           |
| 13.01 Issuer Obligations  | 254,326,419<br>26,813,443 | 732,691,643<br>52,173,315 | 549,088,170<br>28,183,372 | 135,049,364        |                  | XXXXXX           | XXX                | XXX                   | 1,737,489,997          | 74.3<br>5.7         | 1,359,223,646        | 378,266,352<br>65.928.057 |
| 13.03 Commercial Mortgage-Backed Securities   | 13,611,717                |                           | 5,715                     | 19,114,701         |                  | XXX              | XXX                | XXX                   | 51.648.390             | 2.2                 |                      |                           |
| 13.04 Other Loan-Backed and Structured Securities .   |                           | 223,555,484               |                           | 23,723,333         | 13,413,897       | XXX              | XXX                | XXX                   | 414,713,810            |                     | 26,059,880           |                           |
| 13.05 SVO Identified Funds  | XXX                       | XXX                       | XXX                       | XXX                | XXX              |                  | XXX                | XXX                   | 0                      | 0.0                 |                      | 0                         |
| 13.06 Affiliated Bank Loans   |                           |                           |                           |                    |                  | XXX              | XXX                | XXX                   | 0                      | 0.0                 |                      | 0                         |
| 13.07 Unaffiliated Bank Loans   | XXX                       | XXX                       | XXX                       | XXX                | XXX              | XXX              | XXX                | XXX                   | XXX                    |                     | XXX                  | XXX                       |
| 13.09 Totals  | 385.843.784               | 1,046,451,400             | 640,206,149               | 177,887,478        |                  | 0                | XXX                | XXX                   | 2.337.874.304          |                     | 1,492,332,482        | 845,541,822               |
| 13.10 Line 13.09 as a % of Col. 9   | 16.5                      | 44.8                      | 27.4                      | 7.6                | 3.7              | 0.0              | XXX                | XXX                   | 100.0                  |                     | 63.8                 | 36.2                      |
| 14. Total Publicly Traded Bonds   | 00.054.054                | 27. 55. 225               |                           | 450 045 400        | 40.077.000       | 1001             |                    |                       |                        |                     |                      |                           |
| 14.01 Issuer Obligations14.02 Residential Mortgage-Backed Securities  |                           | 671,551,965<br>20.474.016 | 443,989,334               |                    |                  | XXX              | 1,416,320,503      | 59.8                  | 1,359,223,646          | 58.1                | 1,416,320,503        | XXXXXX                    |
| 14.03 Commercial Mortgage-Backed Securities   | 11.311.833                |                           | 0                         | 0                  | 0                | XXX              | 23.093.179         | 1.0                   |                        | 1.7                 |                      | XXX                       |
| 14.04 Other Loan-Backed and Structured Securities .   | 653,766                   | 4,687,544                 | 874,002                   | 0                  | 0                | XXX              | 6,215,312          | 0.3                   | 26,059,880             | 1.1                 | 6,215,312            | XXX                       |
| 14.05 SVO Identified Funds  | XXX                       | XXX                       | XXX                       | XXX                | XXX              | 0                | 0                  | 0.0                   | 0                      | 0.0                 | 0                    | XXX                       |
| 14.06 Affiliated Bank Loans   | 0                         | 0                         | 0                         | 0                  | 0                | XXX              | 0                  | 0.0                   | 0                      | 0.0                 | 0                    | XXX                       |
| 14.07 Unaffiliated Bank Loans   | 0                         | 0                         | 0                         | 0                  | 0                | XXX              | 0                  | 0.0                   | XXX                    | XXX                 |                      | XXX                       |
| 14.09 Totals  | 118, 133, 516             | 708,494,871               | 459,064,610               | 167,302,797        | 55,819,887       | 0                | 1,508,815,681      | 63.7                  | 1,492,332,482          | 63.8                | 1,508,815,681        | XXX                       |
| 14.10 Line 14.09 as a % of Col. 7   | 7.8                       | 47.0                      | 30.4                      | 11.1               | 3.7              | 0.0              | 100.0              | XXX                   | XXX                    | XXX                 | 100.0                | XXX                       |
| 14.11 Line 14.09 as a % of Line 12.09, Col. 7,  |                           | 20.0                      | 10.1                      |                    |                  |                  | 20.7               | VVV                   | VVV                    | VVV                 | 20.7                 | VVV                       |
| Section 12 15. Total Privately Placed Bonds   | 5.0                       | 29.9                      | 19.4                      | 7.1                | 2.4              | 0.0              | 63.7               | XXX                   | XXX                    | XXX                 | 63.7                 | XXX                       |
| 15.01 Issuer Obligations  | 64, 159, 770              | 133,082,441               | 99,894,392                | 5,469,114          | 19,302,305       | xxx              | 321,908,022        | 13.6                  | 378,266,352            | 16.2                | XXX                  | 321,908,022               |
| 15.02 Residential Mortgage-Backed Securities  | 8,824,052                 |                           | 26,465,804                | 13,012,373         | 5, 187, 698      | XXX              | 90,946,074         | 3.8                   | 65,928,057             | 2.8                 | XXX                  | 90,946,074                |
| 15.03 Commercial Mortgage-Backed Securities   | 3,748,758                 | 21,620,276                |                           | 1,632,794          | 0                | XXX              | 37,960,008         | 1.6                   | 12,693,483             | 0.5                 | XXX                  |                           |
| 15.04 Other Loan-Backed and Structured Securities . 15.05 SVO Identified Funds  |                           | 191,246,045<br>XXX        | 135,490,249<br>XXX        | 18,338,743<br>XXX  | 2,876,347<br>XXX | XXX              | 409,558,502        | 17.3                  | 388,653,930            | 16.6                | XXXXX                |                           |
| 15.06 Affiliated Bank Loans   | 0                         | 0                         | 0                         |                    | 0                | 0<br>XXX         | 0                  | 0.0                   |                        | 0.0                 | XXX                  | 0                         |
| 15.07 Unaffiliated Bank Loans   | 0                         | 0                         | 0                         | 0                  | 0                | XXX              | 0                  | 0.0                   | 0                      | 0.0                 | XXX                  | 0                         |
| 15.08 Unaffiliated Certificates of Deposit  | 0                         | 0                         | 0                         | 0                  | 0                | XXX              | 0                  | 0.0                   | XXX                    | XXX                 | XXX                  | 0                         |
| 15.09 Totals  | 138,339,698               | 383,404,909               | 272,808,625               |                    | 27,366,350       | 0                |                    | 36.3                  | 845,541,822            |                     | XXX                  |                           |
| 15.10 Line 15.09 as a % of Col. 7   | 16.1                      | 44.6                      | 31.7                      | 4.5                | 3.2              | 0.0              | 100.0              | XXX                   | XXX                    | XXX                 | XXX                  | 100.0                     |
| Section 12  | 5.8                       | 16.2                      | 11.5                      | 1.6                | 1.2              | 0.0              | 36.3               | xxx                   | xxx                    | XXX                 | xxx                  | 36.3                      |
|   | 0.0                       |                           | .1.0                      | 1.0                |                  | 0.0              |                    |                       |                        |                     |                      |                           |

## **SCHEDULE DA - VERIFICATION BETWEEN YEARS**

Short-Term Investments

| Short-rem investme  | 1          | 2          | 3              | 4   | 5  |
|---|------------|------------|----------------|---|--|
|   | Total      | Bonds      | Mortgage Loans | Other Short-term<br>Investment Assets (a) | Investments in Parent, Subsidiaries and Affiliates |
| 1. Peak/adjusted corning value December 21 of prior year                            | 54,921,906 | 54,921,906 | 0              | , ,                                       |  |
| Book/adjusted carrying value, December 31 of prior year                             |            |            |                |   | 0  |
| Cost of short-term investments acquired   | 9,819,611  | 9,819,611  |                |   |  |
| 3. Accrual of discount  | 137,472    | 137,472    |                |   |  |
| 4. Unrealized valuation increase (decrease)   | 0          |            |                |   |  |
| 5. Total gain (loss) on disposals   | (480)      | (480)      |                |   |  |
| Deduct consideration received on disposals  | 59,999,171 | 59,999,171 |                |   |  |
| 7. Deduct amortization of premium   | 0          |            |                |   |  |
| Total foreign exchange change in book/adjusted carrying value                       | 0          |            |                |   |  |
| Deduct current year's other than temporary impairment recognized                    | 0          |            |                |   |  |
| 10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9) | 4,879,338  | 4,879,338  | 0              | 0   | 0  |
| 11. Deduct total nonadmitted amounts  | 0          |            |                |   |  |
| 12. Statement value at end of current period (Line 10 minus Line 11)                | 4,879,338  | 4,879,338  | 0              | 0   | 0  |

<sup>(</sup>a) Indicate the category of such assets, for example, joint ventures, transportation equipment:

## **SCHEDULE DB - PART A - VERIFICATION BETWEEN YEARS**

Options, Caps, Floors, Collars, Swaps and Forwards

| 2.                             | Book/adjusted carrying value, December 31, prior year (Line 10, prior year)  | 16,529,016   |
|--------------------------------|--|--------------|
|                                | Cost paid/(consideration received) on additions:   |              |
|                                | 2.1 Current year paid/(consideration received) at time of acquisition, still open, Section 1, Column 129,652,435   |              |
|                                | 2.2 Current year paid/(consideration received) at time of acquisition, terminated, Section 2, Column 140   | 9,652,435    |
| 3.                             | Unrealized valuation increase/(decrease):  |              |
|                                | 3.1 Section 1, Column 17(11,112,062)   |              |
|                                | 3.2 Section 2, Column 19   | (11,112,062) |
| 4.                             | SSAP No. 108 Adjustments   |              |
| 5.                             | Total gain (loss) on termination recognized, Section 2, Column 22  |              |
| 6.                             | Considerations received/(paid) on terminations, Section 2, Column 15   | 7,710,492    |
| 7.                             | Amortization:  |              |
|                                | 7.1 Section 1, Column 19   |              |
|                                | 7.2 Section 2, Column 21   | (10,386,147) |
| 8.                             | Adjustment to the book/adjusted carrying value of hedged item:   |              |
|                                | 8.1 Section 1, Column 20   |              |
|                                | 8.2 Section 2, Column 23   | 0            |
| 9.                             | Total foreign exchange change in book/adjusted carrying value:   |              |
|                                | 9.1 Section 1, Column 18   |              |
|                                | 9.2 Section 2, Column 20   |              |
| 10.                            | Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6+7+8+9)  |              |
| 11.                            | Deduct nonadmitted assets  |              |
| 12.                            | Statement value at end of current period (Line 10 minus Line 11)   | 4,683,241    |
|                                | Futures Contracts  |              |
| 1.                             | Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)   |              |
| 2.                             | Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cumulative Cash Change Column)   |              |
| 3.1                            | Add:   |              |
|                                |  |              |
|                                | Change in variation margin on open contracts - Highly effective hedges   |              |
|                                | Change in variation margin on open contracts - Highly effective hedges  3.11 Section 1, Column 15, current year minus  |              |
|                                |  |              |
|                                | 3.11 Section 1, Column 15, current year minus  |              |
|                                | 3.11 Section 1, Column 15, current year minus  |              |
|                                | 3.11 Section 1, Column 15, current year minus  |              |
| 3.2                            | 3.11 Section 1, Column 15, current year minus  |              |
| 3.2                            | 3.11 Section 1, Column 15, current year minus  |              |
| 3.2                            | 3.11 Section 1, Column 15, current year minus  |              |
| 3.2                            | 3.11 Section 1, Column 15, current year minus  |              |
| 3.2                            | 3.11 Section 1, Column 15, current year minus  |              |
| 3.2                            | 3.11 Section 1, Column 15, current year minus  |              |
| 3.2                            | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year  Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year  Add:  Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year  Change in amount recognized 3.23 Section 1, Column 19, current year to date ruls  |              |
| 3.2                            | 3.11 Section 1, Column 15, current year minus  |              |
|                                | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year  Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year  Add:  Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year  Change in amount recognized 3.23 Section 1, Column 19, current year to date r 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments  |              |
| 3.3                            | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, current year to date rous 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2)  |              |
| 3.3                            | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year  Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year  Add:  Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year  Change in amount recognized 3.23 Section 1, Column 19, current year to date rus 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments  Subtotal (Line 3.1 minus Line 3.2)  Cumulative variation margin on terminated contracts during the year (Section 2, Column 15)  |              |
| 3.3                            | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year  Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year  Add:  Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year  Change in amount recognized 3.23 Section 1, Column 19, current year to date in Jis 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments  Subtotal (Line 3.1 minus Line 3.2)  Cumulative variation margin on terminated contracts during the year (Section 2, Column 15)  Less:  |              |
| 3.3                            | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, current year to date rule 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17).   |              |
| 3.3                            | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, current year to date ninus 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17) 4.22 Amount recognized (Section 2, Column 16)   |              |
| 3.3                            | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, current year to date rule 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17).   |              |
| 3.3<br>4.1<br>4.2              | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, current year to date ninus 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17) 4.22 Amount recognized (Section 2, Column 16)   |              |
| 3.3<br>4.1<br>4.2              | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, prior year plus 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17) 4.22 Amount recognized (Section 2, Column 16)  |              |
| 3.3<br>4.1<br>4.2              | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, prior year plus 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17) 4.22 Amount recognized (Section 2, Column 16) 4.23 SSAP No. 108 Adjustments Subtotal (Line 4.1 minus Line 4.2)   |              |
| 3.3<br>4.1<br>4.2              | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, current year to date in Justice 1, 22 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17) 4.22 Amount recognized (Section 2, Column 16) 4.23 SSAP No. 108 Adjustments Subtotal (Line 4.1 minus Line 4.2) Dispositions gains (losses) on contracts terminated in prior year:   |              |
| 3.3<br>4.1<br>4.2              | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, current year to date r 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17) 4.22 Amount recognized (Section 2, Column 16) 4.23 SSAP No. 108 Adjustments Subtotal (Line 4.1 minus Line 4.2) Dispositions gains (losses) on contracts terminated in prior year: 5.1 Total gain (loss) recognized for terminations in prior year   |              |
| 3.3<br>4.1<br>4.2<br>4.3<br>5. | 3.11 Section 1, Column 15, current year minus 3.12 Section 1, Column 15, prior year Change in variation margin on open contracts - All other 3.13 Section 1, Column 18, current year minus 3.14 Section 1, Column 18, prior year Add: Change in adjustment to basis of hedged item 3.21 Section 1, Column 17, current year to date minus 3.22 Section 1, Column 17, prior year Change in amount recognized 3.23 Section 1, Column 19, current year to date rules 3.24 Section 1, Column 19, prior year plus 3.25 SSAP No. 108 Adjustments Subtotal (Line 3.1 minus Line 3.2) Cumulative variation margin on terminated contracts during the year (Section 2, Column 15) Less: 4.21 Amount used to adjust basis of hedged item (Section 2, Column 17) 4.22 Amount recognized (Section 2, Column 16) 4.23 SSAP No. 108 Adjustments Subtotal (Line 4.1 minus Line 4.2) Dispositions gains (losses) on contracts terminated in prior year: 5.1 Total gain (loss) recognized for terminations in prior year 5.2 Total gain (loss) adjusted into the hedged item(s) for terminations in prior year |              |

# ANNUAL STATEMENT FOR THE YEAR 2022 OF THE ANNUITY INVESTORS LIFE INSURANCE COMPANY **SCHEDULE DB - VERIFICATION**

Verification of Book/Adjusted Carrying Value, Fair Value and Potential Exposure of all Open Derivative Contracts

|     |  | Book/Adjusted Ca | rrying Value Check |
|-----|--|------------------|--------------------|
| 1.  | Part A, Section 1, Column 14   | 4,683,242        |                    |
| 2.  | Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance | 0                |                    |
| 3.  | Total (Line 1 plus Line 2)   |                  | 4,683,242          |
| 4.  | Part D, Section 1, Column 6  | 24,814,134       |                    |
| 5.  | Part D, Section 1, Column 7  | (20, 130, 892)   |                    |
| 6.  | Total (Line 3 minus Line 4 minus Line 5)   |                  | 0                  |
|     |  |                  |                    |
|     |  | Fair Val         | ue Check           |
| 7.  | Part A, Section 1, Column 16   | 5,432,175        |                    |
| 8.  | Part B, Section 1, Column 13   |                  |                    |
| 9.  | Total (Line 7 plus Line 8)   |                  | 5,432,175          |
| 10. | Part D, Section 1, Column 9  | 5,432,175        |                    |
| 11. | Part D, Section 1, Column 10   | 0                |                    |
| 12  | Total (Line 9 minus Line 10 minus Line 11)   |                  | 0                  |
|     |  |                  |                    |
|     |  | Potential Ex     | oosure Check       |
| 13. | Part A, Section 1, Column 21   | 0                |                    |
| 14. | Part B, Section 1, Column 20   |                  |                    |
| 15. | Part D, Section 1, Column 12   | 0                |                    |
| 16. | Total (Line 13 plus Line 14 minus Line 15)   |                  | 0                  |

## **SCHEDULE E - PART 2 - VERIFICATION BETWEEN YEARS**

(Cash Equivalents) 2 Money Market Total Bonds Mutual funds Other (a) 1. Book/adjusted carrying value, December 31 of prior year . ...163,246,612 93,802,971 69,443,642 2,794,975,950 .2,098,935,950 696 040 000 0 2. Cost of cash equivalents acquired ..... ..... 1,477,408 ...... 1,477,408 3. Accrual of discount ..... Unrealized valuation increase (decrease) ...0 0 1 294 1 294 0 5. Total gain (loss) on disposals ...2,915,801,793 ... 2, 152, 318, 152 .763,483,642 6. Deduct consideration received on disposals .. .....0 0 Deduct amortization of premium .. 8. Total foreign exchange change in book/adjusted carrying value .0 .0 .0 ..0 ..0 .0 .0 9. Deduct current year's other than temporary impairment recognized . 10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-... 43,899,471 . 41,899,471 ...2,000,000 .0 7+8-9) .....0 .0 Deduct total nonadmitted amounts ....... 43,899,471 41,899,471 2,000,000 Statement value at end of current period (Line 10 minus Line 11) 0

<sup>(</sup>a) Indicate the category of such investments, for example, joint ventures, transportation equipment:

# Schedule A - Part 1 - Real Estate Owned NONE

Schedule A - Part 2 - Real Estate Acquired and Additions Made **NONE** 

Schedule A - Part 3 - Real Estate Disposed **NONE** 

Schedule B - Part 1 - Mortgage Loans Owned **NONE** 

Schedule B - Part 2 - Mortgage Loans Acquired and Additions Made NONE

Schedule B - Part 3 - Mortgage Loans Disposed, Transferred or Repaid **N O N E** 

## **SCHEDULE BA - PART 1**

| Showing Other Long-Term | Invested Assets OWNF | D December 31 of C | Current Year |
|-------------------------|----------------------|--------------------|--------------|
|                         |                      |                    |              |

|            |  |   |          | Showing Other Long-Ter         | III IIIVESIEU A | 455CIS OW  | INED DEC |              | Cullent 16  | ai           |  |           |           |          |           |         |            |         |
|------------|--|---|----------|--------------------------------|-----------------|------------|----------|--------------|-------------|--------------|--|-----------|-----------|----------|-----------|---------|------------|---------|
| 1          | 2  | 3                                       | Location | 6                              | 7               | 8          | 9        | 10           | 11          | 12           | Change in Book/Adjusted Carrying Value |           |           | ue       | 18        | 19      | 20         |         |
|            |  | 4                                       | 5        | 7                              | NAIC            |            |          |              |             |              | 13                                     | 14        | 15        | 16       | 17        |         | 1 '        | 1       |
|            |  |   |          |                                | Designation,    |            |          |              |             |              |  |           | Current   |          |           |         | 1 '        | 1       |
|            |  |   |          |                                | NAIC            |            |          |              |             |              |  | Current   | Year's    |          | Total     |         | 1 '        | 1       |
|            |  |   |          |                                | Designation     |            |          |              |             | Book/        |  | Year's    | Other-    |          | Foreign   |         | 1 '        | 1       |
|            |  |   |          |                                | Modifier        |            |          |              |             | Adjusted     |  | (Depre-   | Than-     | Capital- | Exchange  |         | Commit-    | 1       |
|            |  |   |          |                                | and             |            |          |              |             | Carrying     |  | ciation)  | Temporary | ized     | Change in |         | ment       | 1       |
|            |  |   |          |                                | SVO             |            |          |              |             | Value        | Unrealized                             | or        | Impair-   | Deferred | Book/     |         |            | Percen- |
| CUSIP      |  |   |          |                                | Admini-         | Date       | Туре     |              |             | Less         | Valuation                              | (Amorti-  | ment      | Interest | Adjusted  | Invest- | Additional | tage of |
| Identi-    |  |   |          | Name of Vendor                 | strative        | Originally | and      | Actual       | Fair        | Encum-       | Increase                               | zation)/  | Recog-    | and      | Carrying  | ment    | Invest-    | Owner-  |
| fication   | Name or Description                                | Code City                               | State    | or General Partner             | Symbol          | Acquired   | Strategy | Cost         | Value       | brances      | (Decrease)                             | Accretion | nized     | Other    | Value     | Income  | ment       | ship    |
|            |  | - · · · · · • · · · · · · · · · · · · · |          |                                |                 |            | Strategy |              |             |              | (Decrease)                             |           |           | Other    | value     |         | IIICIIL    | SHIP    |
|            | 8005 Teachers Insurance & Annuity                  | New York                                |          | . Teachers Insurance & Annuity | 1.D FE          | 03/31/2010 |          | 106,451      | 95,571      | 106,451      |  | (768      |           |          |           | 5, 123  | ŀ '        |         |
|            | 8012 Nationwide Mutual Ins Co                      |   |          | . Nationwide Mutual Ins Co     |                 |            |          | 7, 120, 599  | 6,468,668   |              |  | (76,820   |           |          |           | 391,930 | ŀ '        |         |
|            | 8015 Prudential Ins Co America                     |   |          | . Prudential Ins Co America    |                 | 08/03/2016 |          | 2, 197, 376  |             |              |  | (73,579   | )         |          |           | 92,421  | '          |         |
|            | 8020 Ambac Assurance Corp                          | New York                                |          | . Ambac Assurance Corp         |                 | 12/31/2018 |          | 14,877       | 20,735      |              |  |           |           |          |           |         | ا '        |         |
|            | 8026 Farmers Exchange Capital-Subordinated $\dots$ |   |          | . Farmers exchange CAP III     |                 | 07/31/2020 |          | 3, 259, 165  | 3,112,403   | 3,259,165    |  | (39,401   |           |          |           | 172,099 | ا '        |         |
|            | 8507 PACIFIC LIFE INSURANCE 9.25 06/15/2039 .      | Newport Beach                           |          | . Stifel                       |                 | 10/01/2021 |          | 2,882,738    | 2,625,391   | 2,882,738    |  | (33,222   |           |          |           | 151,778 | ļ'         |         |
|            | 8509 PENN MUTUAL LIFE 7.625 06/15/2040             | Horsham                                 | PA       | . Stifel                       | 1.F FE          | 08/31/2017 |          | 2,550,317    | 2, 164, 515 | 2,550,317    |  | (19,013   | )         |          |           | 133,487 |            |         |
|            | Surplus Debentures, etc - Unaffiliated             |   |          |                                |                 |            |          | 18, 131, 523 | 16,612,523  | 18, 131, 523 | 0                                      | (242,803  | ) 0       | 0        | 0         | 946,838 | 0          | XXX     |
| 6099999. T | otal - Unaffiliated                                |   |          |                                |                 |            |          | 18, 131, 523 | 16,612,523  | 18, 131, 523 | 0                                      | (242,803  | ) 0       | 0        | 0         | 946,838 | 0          | XXX     |
| 6199999. T | otal - Affiliated                                  |   |          |                                |                 |            |          | 0            | 0           | 0            | 0                                      | 0         | 0         | 0        | 0         | 0       | 0          | XXX     |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          |           |         |            |         |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          |           |         | l'         |         |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          |           |         | L'         | LI      |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          |           |         | L'         | LI      |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          |           |         | 1 '        | 1       |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          |           |         | [          |         |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          |           |         | [          |         |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          |           |         | [          |         |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           | · [       |          |           |         | [          |         |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           | · [       |          |           |         | [          |         |
|            |  |   |          |                                |                 |            |          |              |             |              |  |           |           |          | ·····     |         | [          |         |
| 6200000    | Totala   |   |          |                                | <u> </u>        | ·····      | .        | 40, 404, 500 | 40.040.500  | 40,404,500   |  | (040,000  |           |          |           | 040.000 |            | XXX     |
| 6299999 -  | I UlaiS  |   |          |                                |                 |            |          | 18, 131, 523 | 16,612,523  | 18, 131, 523 | 0                                      | (242,803  | л 0       | . 0      | 0         | 946,838 | 0          |         |

| 1.     |                        |                           |                       |       |       |       |       |
|--------|------------------------|---------------------------|-----------------------|-------|-------|-------|-------|
| Line   | Book/Adjusted Carrying | Value by NAIC Designation | on Category Footnote: |       |       |       |       |
| Number |                        |                           |                       |       |       |       |       |
| 1A     | 1A\$0                  | 1B\$0                     | 1C\$0                 | 1D\$0 | 1E\$0 | 1F\$0 | 1G\$0 |
| 1B     | 2A\$0                  | 2B\$0                     | 2C\$0                 |       |       |       |       |
| 1C     | 3A\$0                  | 3B\$0                     | 3C\$0                 |       |       |       |       |
| 1D     | 4A\$0                  | 4B\$0                     | 4C\$0                 |       |       |       |       |
| 1E     | 5A\$0                  | 5B\$0                     | 5C\$0                 |       |       |       |       |
| 4 🗆    |                        |                           |                       |       |       |       |       |

## **SCHEDULE BA - PART 2**

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE December 31 of Current Year

| 1              | 2                                  | Location |       | 5                            | 6          | 7        | 8           | 9                 | 10           | 11            |
|----------------|------------------------------------|----------|-------|------------------------------|------------|----------|-------------|-------------------|--------------|---------------|
|                |                                    | 3        | 4     |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              | Date       | Type     | Actual Cost | Additional        |              |               |
| CUSIP          |                                    |          |       | Name of Vendor               | Originally | and      |             | Investment Made   | Amount of    | Percentage of |
| Identification | Name or Description                | City     | State | or General Partner           | Acquired   | Strategy | Acquisition | After Acquisition | Encumbrances | Ownership     |
|                |                                    | New York | NY    | Teachers Insurance & Annuity | 03/31/2010 |          |             |                   |              |               |
| 2799999. Surpl | lus Debentures, etc - Unaffiliated | ·        |       | <u> </u>                     |            |          | 0           | 0                 | 0            | XXX           |
| 6099999. Total | - Unaffiliated                     | ·        |       |                              |            |          | 0           | 0                 | 0            | XXX           |
| 6199999. Total | - Affiliated                       | ·        |       |                              |            |          | 0           | 0                 | 0            | XXX           |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
|                |                                    |          |       |                              |            |          |             |                   |              |               |
| T 1            | 1                                  | <u> </u> |       |                              |            |          |             |                   |              |               |
| 6299999 - Tota | IIS                                |          |       |                              |            |          | 0           | 0                 | 0            | XXX           |

## **SCHEDULE BA - PART 3**

| Showing Other Long-Term Inve | vested Assets DISPOSED. | Transferred or Repaid | During the Current Year |
|------------------------------|-------------------------|-----------------------|-------------------------|
|                              |                         |                       |                         |

| 1              | 2                   | Location |       | 5                    | 6          | 7        | 8        |            |           | in Book/Adi |          |           |           | 15       | 16      | 17       | 18        | 19        | 20      |
|----------------|---------------------|----------|-------|----------------------|------------|----------|----------|------------|-----------|-------------|----------|-----------|-----------|----------|---------|----------|-----------|-----------|---------|
|                |                     | 3        | 4     | 1                    |            |          |          | 9          | 10        | 11          | 12       | 13        | 14        |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          | Book/    |            |           | Current     |          |           |           | Book/    |         |          |           |           |         |
|                |                     |          |       |                      |            |          | Adjusted |            |           | Year's      |          | Total     | Total     | Adjusted |         |          |           |           |         |
|                |                     |          |       |                      |            |          | Carrying |            | Current   | Other-      |          | Change in |           | Carrying |         |          |           |           |         |
|                |                     |          |       |                      |            |          | Value    |            | Year's    | Than-       | Capital- | Book/     | Exchange  | Value    |         | Foreign  |           |           |         |
|                |                     |          |       |                      |            |          | Less     | Unrealized |           | Temporary   |          |           | Change in | Less     |         | Exchange |           |           |         |
|                |                     |          |       |                      |            |          | Encum-   | Valuation  |           |             | Deferred | Carrying  | Book/     | Encum-   |         | Gain     | Realized  | Total     |         |
|                |                     |          |       |                      | Date       |          | brances, | Increase   | (Amorti-  | ment        | Interest | Value     | Adjusted  | brances  |         | (Loss)   | Gain      | Gain      | Invest- |
| CUSIP          |                     |          |       | Name of Purchaser or | Originally | Disposal | Prior    | (De-       | zation)/  | Recog-      | and      | (9+10-    | Carrying  | on       | Consid- | on       | (Loss) on | (Loss) on | ment    |
| Identification | Name or Description | City     | State | Nature of Disposal   | Acquired   |          | Year     | crease)    | Accretion |             | Other    | 11+12)    | Value     | Disposal | eration | Disposal | Disposal  | Disposal  | Income  |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      | <u></u>    |          | <u></u>  | <u></u>    | <u></u>   |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            | ·····     |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
|                |                     |          |       | <u> </u>             |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |
| 6299999 - To   | tais                |          |       |                      |            |          |          |            |           |             |          |           |           |          |         |          |           |           |         |

## **SCHEDULE D - PART 1**

|                |   |              |        |           |                  |   | S            | howing All Lor | ng-Term BOND | S Owned Dece | mber 31 of ( | Current Ye  | ar            |          |        |           |      |          |             |            |             |
|----------------|---|--------------|--------|-----------|------------------|---|--------------|----------------|--------------|--------------|--------------|-------------|---------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1              | 2   |              | Code   | 29        | 6                | 7                                       | F            | air Value      | 10           | 11           | Change       | in Book/Adi | usted Carrvin | n Value  |        |           | ı    | nterest  |             | Da         | ates        |
|                | <del>-</del>                              | 3            | 4      | 5         |                  | •                                       | 8            | 9              | 10           | l ''         | 12           | 13          | 14            | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                |   | ١٠           | 7      | 3         | NAIC             |   | 0            | 3              |              |              | 12           | 13          | 17            | 13       | 10     | 17        | 10   | 13       | 20          | 21         | 22          |
|                |   |              |        |           | Desig-           |   |              |                |              |              |              |             |               |          |        |           |      |          |             |            |             |
|                |   |              |        |           |                  |   |              |                |              |              |              |             |               |          |        |           |      |          |             |            |             |
|                |   |              |        |           | nation,          |   |              |                |              |              |              |             |               | T-4-1    |        |           |      |          |             |            |             |
|                |   |              |        |           | NAIC             |   |              |                |              |              |              |             |               | Total    |        |           |      |          |             |            |             |
|                |   |              | _      |           | Desig-           |   |              |                |              |              |              |             |               | Foreign  |        |           |      |          |             |            |             |
|                |   |              | F      |           | nation           |   |              |                |              |              |              |             | Current       | Exchange |        |           |      |          |             |            |             |
|                |   |              | 0      |           | Modifier         |   |              |                |              |              |              |             | Year's        | Change   |        |           |      |          |             |            |             |
|                |   |              | r      |           | and              |   | Rate         |                |              |              |              | Current     | Other-        | in       |        |           |      |          |             |            |             |
|                |   | С            | е      |           | SVO              |   | Used to      |                |              | Book/        | Unrealized   | Year's      | Than-         | Book/    |        |           |      | Admitted |             |            | Stated      |
|                |   | 0            | i      |           | Admini-          |   | Obtain       |                |              | Adjusted     | Valuation    | (Amor-      | Temporary     | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP          |   | d            | g      | Bond      | strative         | Actual                                  | Fair         | Fair           | Par          | Carrying     | Increase/    | tization)   | Impairment    | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification | Description                               | е            | n      | Char      | Symbol           | Cost                                    | Value        | Value          | Value        | Value        | (Decrease)   | Accretion   | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 912828-4X-5    | United States Treasury N-UNSECURED        | SD           |        |           | 1.A              | 170, 106                                | 98.7734 .    | 167,915        | 170,000      | 170,013      | 0            | (25)        | 0             | 0        | 2.750  | 2.735     | FA   | 1,588    | 7,054       | 08/31/2018 | 08/31/2023  |
| 912828-YV-6    | United States Treasury N-UNSECURED        | SD           |        |           | 1.A              | 247,363                                 | 94.6172      | 236,543        | 250,000      | 248,958      | 0            | 435         | 0             | 0        | 1.500  | 1.722     | MN   | 270      | 2,788       | 12/12/2019 | 11/30/2024  |
| 0019999999     | Subtotal - Bonds - U.S. Governments       | - Issuer C   | Obliga | tions     |                  | 417.469                                 | XXX          | 404.458        | 420.000      | 418.971      | 0            | 410         | 0             | 0        | XXX    | XXX       | XXX  | 1.858    | 9,842       | XXX        | XXX         |
|                | Total - U.S. Government Bonds             |              |        |           |                  | 417, 469                                | XXX          | 404,458        | 420,000      | 418.971      | 0            | 410         | 0             | 0        | XXX    | XXX       | XXX  | 1,858    | 9,842       | XXX        | XXX         |
|                | Korea National Oil Corp-SENIOR UNSECURED  | I            | n      |           | 1.C FE           | 994,460                                 | ,,,,         | 986.095        | 1.000.000    | 999.296      | 0            | 617         |               | 0        | 4.066  | 4.066     | .ll  | 17,556   | 40,000      | 01/15/2014 | 01/23/2024  |
|                | Subtotal - Bonds - All Other Governme     | ents - les   | uer ∩  | hligation |                  | 994,460                                 | XXX          | 986.095        | 1,000,000    | 999,296      |              | 617         | 0             |          | XXX    | XXX       | XXX  | 17.556   | 40,000      | XXX        | XXX         |
|                | Total - All Other Government Bonds        | CIIIO - 1551 | uei U  | DilyauUl  | ıo               | 994,460                                 | XXX          | 986,095        | 1,000,000    | 999,296      | 0            | 617         |               | 0        | XXX    | XXX       | XXX  | 17,556   | 40,000      | XXX        | XXX         |
|                |   | 1 1          | 1.     | 2         | 105              | ***,,                                   |              | 986,095        |              | ,            | 0            |             | 0             | 0        |        |           | .11  | 17,556   |             |            |             |
|                | State of Arkansas-GENERAL OBLIGATION UNL  |              |        | ۷         | 1.0 FE<br>1.D FE | 1,000,000                               | 93.1130 .    | 1.000.970      | 1,000,000    | 1,000,000    |              |             | 0             |          | 4.111  | 4.111     | AO   |          | 41,110      | 06/30/2014 | 07/01/2034  |
|                | State of Connecticut-GENERAL OBLIGATION   |              |        |           |                  | 1, 155, 140                             | -            | , , , ,        | , ,          | , , ,        | 0            | . , . ,     | 0             | 0        |        |           | AU   | 12,725   | 50,900      | 02/19/2013 | 10/01/2030  |
|                | State of Delaware-GENERAL OBLIGATION UNL  |              |        |           | 1.A FE           | 2,333,830                               | 98.4220 .    |                | 2,000,000    | 2, 152, 614  | 0            | (20,777)    | 0             | 0        | 4.550  | 3.239     | JJ   | 45,500   | 91,000      | 12/10/2012 | 07/01/2029  |
|                | State of Georgia-GENERAL OBLIGATION UNLT  |              |        |           | 1.A FE           |   | 99.4960 .    | 994,960        | 1,000,000    | 1,002,020    | 0            | (386)       | 0             | 0        | 4.370  | 4.321     | A0   | 10,925   | 43,700      | 09/05/2013 | 10/01/2027  |
| 57582P-UD-0    | Commonwealth of Massachu-GENERAL OBLIGAT  |              |        |           | 1.B FE           |   | . 102.6300 . | 2,052,600      | 2,000,000    | 2,094,073    | 0            | (11,196)    | 0             | 0        | 5.306  | 4.515     | JJ   | 53,060   | 106,120     | 12/16/2013 | 01/01/2030  |
| 57582P-UT-5    | Commonwealth of Massachu-GENERAL OBLIGAT  |              |        |           | 1.B FE           |   | 99.6710 .    | 996,710        | 1,000,000    | 1,082,725    | 0            | (11,509)    | 0             | 0        | 4.910  | 3.444     | MN   | 8, 183   | 49, 100     | 08/09/2012 | 05/01/2029  |
|                | State of Maryland-GENERAL OBLIGATION UNL  |              |        |           | 1.A FE           | 1,001,080                               | 99.4290 .    | 994,290        | 1,000,000    | 1,000,243    | 0            | (99)        | 0             | 0        | 4.350  | 4.339     | FA   | 18, 125  | 43,500      | 07/29/2010 | 08/01/2025  |
|                | State of Maryland-GENERAL OBLIGATION UNL  |              |        |           | 1.A FE           | 1,974,260                               | 93.6040 .    | 1,872,080      | 2,000,000    | 1,990,910    | 0            | 1,823       | 0             | 0        | 2.800  | 2.906     | FA   | 23,333   | 56,000      | 08/08/2012 | 08/01/2027  |
|                | State of Michigan-GENERAL OBLIGATION UNL  |              |        | 2         | 1.B FE           | 996,760                                 | 95.8650 .    | 958,650        | 1,000,000    | 999,050      | 0            | 258         | 0             | 0        | 3.000  | 3.029     | MN   | 3,833    | 30,000      | 04/11/2013 | 05/15/2026  |
| 594612-BS-1    | State of Michigan-GENERAL OBLIGATION UNL  |              |        | 2         | 1.B FE           |   | 97.0170 .    | 970 , 170      | 1,000,000    | 1,000,000    | 0            | 0           | 0             | 0        | 3.590  | 3.589     | JD   | 2,992    | 35,900      | 06/25/2014 | 12/01/2026  |
| 605580-5Q-8    | State of Mississippi-GENERAL OBLIGATION   |              |        | 1         | 1.C FE           | 2,064,501                               | . 102.5280 . | 1,903,945      | 1,857,000    | 1,953,710    | 0            | (23,060)    | 0             | 0        | 5.539  | 4.051     | A0   | 25,715   | 102,859     | 11/12/2013 | 10/01/2029  |
| 605580-5X-3    | State of Mississippi-BUILD AMERICA GEN 0  |              |        | 1         | 1.C FE           | 3,543,630                               | . 102.0920 . | 3,062,760      | 3,000,000    | 3,322,914    | 0            | (20,861)    | 0             | 0        | 5.245  | 4.088     | MN   | 26,225   | 157,350     | 02/19/2013 | 11/01/2034  |
| 605581-FF-9    | State of Mississippi-GENERAL OBLIGATION   |              |        |           | 1.C FE           | 2,000,000                               | 91.7990 .    | 1,835,980      | 2,000,000    | 2,000,000    | 0            | 0           | 0             | 0        | 3.729  | 3.729     | A0   | 18,645   | 74,580      | 02/04/2015 | 10/01/2032  |
| 87122N-EZ-8    | Sycamore Community City -GENERAL OBLIGAT  |              |        |           | 1.B FE           | 390,000                                 | . 100.8510 . | 393,319        | 390,000      | 390,000      | 0            | 0           | 0             | 0        | 5.550  | 5.548     | JD   | 1,804    | 21,645      | 12/21/2010 | 12/01/2025  |
| 68583R-BA-9    | Oregon Community College-GENERAL OBLIGAT  |              |        |           | 1.C FE           |   | . 101.1100 . |                | 2,000,000    | 2,088,406    | 0            | (13,803)    | 0             | 0        | 5.600  | 4.679     | JD   | 56,311   | 56,000      | 12/20/2013 | 06/30/2028  |
| 686053-GG-8    | Oregon School Boards Ass-GENERAL OBLIGAT  |              |        |           | 1.C FE           | 2,653,991                               | 98.6660 .    | 2,366,678      | 2,398,676    | 2,517,870    | 0            | (19, 185)   | 0             | 0        | 4.759  | 3.750     | JD   | 57,394   | 57,077      | 12/03/2014 | 06/30/2028  |
| 882722-VN-8    | State of Texas-GENERAL OBLIGATION UNLTD   |              |        |           | 1.A FE           |   | 95.5200 .    | 955,200        | 1,000,000    | 1,118,098    | 0            | (4,800)     | 0             | 0        | 4.681  | 3.745     | A0   | 11,703   | 46,810      | 10/22/2012 | 04/01/2040  |
| 882722-VP-3    | State of Texas-GENERAL OBLIGATION UNLTD   |              |        |           | 1.A FE           | 1, 137, 140                             | 99.1100 .    | 991, 100       | 1,000,000    | 1,082,286    | 0            | (6,513)     | 0             | 0        | 4.631  | 3.660     | AO   | 11,578   | 46,310      | 02/19/2013 | 04/01/2033  |
| 882723-PU-7    | State of Texas-GENERAL OBLIGATION UNLTD   |              |        | 2         | 1.A FE           | 1,000,000                               | 98.1910 .    | 981,910        | 1,000,000    | 1,000,000    | 0            | 0           | 0             | 0        | 3.423  | 3.422     | AO   | 8,558    | 34,230      | 06/26/2014 | 10/01/2026  |
| 882723-PV-5    | State of Texas-GENERAL OBLIGATION UNLTD   |              |        | 2         | 1.A FE           | 1.000.000                               | 98.4400      | 984.400        | 1.000.000    | 1.000.000    | 0            | 0           | 0             | 0        | 3.573  | 3.571     | AO   | 8.933    | 35,730      | 06/26/2014 | 10/01/2027  |
| 833119-XK-1    | Snohomish County School -GENERAL OBLIGAT  |              |        |           | 1.B FE           | 1,465,700                               | 96.6900 .    |                | 2,000,000    | 1,949,250    | 0            | 53,293      | 0             | 0        | 1.140  | 3.986     | JD   | 1.900    | 22,800      | 01/11/2012 | 12/01/2023  |
|                | State of Washington-GENERAL OBLIGATION U  |              |        |           | 1.B FE           | 2,325,220                               | . 103.4670   | 2.069.340      | 2.000.000    |              | 0            | (21,631)    | 0             | 0        | 5.381  | 3.941     | FA   | 44.842   | 107.620     | 06/16/2014 | 08/01/2029  |
|                | Subtotal - Bonds - U.S. States. Territo   | ries and     | Posse  | essions - | - Issuer         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | . 100.1010   | 2,000,010      | 2,000,000    | 2,100,100    |              | (21,001)    |               |          |        |           |      | ,012     | 107,020     |            |             |
| Obligations    | 200.000 200.000 200.000, 1000.00          |              |        | 300.00    | .0000.           | 34,771,822                              | XXX          | 32.240.632     | 32.645.676   | 33.981.090   | 0            | (106, 171)  | 0             | 0        | XXX    | XXX       | XXX  | 472.839  | 1,310,341   | XXX        | XXX         |
|                | Total - U.S. States, Territories and Po   | ssessions    | s Bon  | ds        |                  | 34,771,822                              | XXX          | 32,240,632     | 32,645,676   | 33,981,090   | 0            | (106, 171)  | 0             | 0        | XXX    | XXX       | XXX  | 472,839  | 1,310,341   | XXX        | XXX         |
| 718814-ZZ-2    | PHOENIX AZ-BUILD AMERICA GENERAL OBLIGAT  | 0000010110   | 0 00.1 | 1         | 1.B FE           | 2,255,718                               | . 102.1410 . | 1.940.679      | 1.900.000    | 2.122.723    | 0            | (34,369)    | 0             | 0        | 5.269  | 3.065     | 11   | 50.056   | 100,111     | 12/11/2014 | 07/01/2034  |
|                | Grossmont Union High Sch-GENERAL OBLIGAT  |              |        | '         | 1.E FE           |   | . 101.2980 . |                | 2,000,000    | 2,000,000    |              | 0           |               | 0        | 5.479  | 5.477     | EA   | 45,658   | 109,580     | 05/13/2011 | 08/01/2025  |
| 544646-XY-3    | LOS ANGELES CA UNIF SCH-BUILD AMERICA GE  |              |        |           | 1.E FE           |   | . 103.0690   |                | 1.000.000    | 1,043,582    |              | (5,556)     | 0             | 0        | 5.755  | 4.962     | 11   |          | 57,550      | 09/09/2013 | 07/01/2029  |
| 797646-NF-9    | City & County of San Fra-GENERAL OBLIGAT  |              |        |           | 1.6 FE           | 2,526,000                               | . 103.0090 . |                | 2,000,000    |              |              | (35,224)    |               |          | 5.930  | 3.717     | JD   | 5,271    | 118,600     | 08/09/2013 | 06/15/2028  |
|                | City & County of San Fra-GENERAL OBLIGAT  |              |        | 1.2       | 1.A FE           |   | 84.8480 .    |                | 2,000,000    | 2,210,727    |              | (17)        |               |          | 3. 138 | 3. 137    | AO   |          |             | 10/06/2016 | 10/01/2032  |
| -              | City of Worcester MA-GENERAL OBLIGATION   |              |        | 1,4       | 1.6 FE<br>1.0 FE |   | . 102.2250 . |                | 595,000      |              |              | (17)        |               |          | 6.250  | 5. 666    | Λ0   |          |             | 10/06/2016 | 01/01/2032  |
| 05914F-JP-6    | County of Baltimore MD-GENERAL OBLIGATION |              |        |           | 1.6 FE           | 2,253,680                               | . 102.2230 . | 2,005,260      | 2,000,000    | 2,084,172    |              | (2,520)     |               |          | 4.450  | 3.272     | MN   |          |             | 06/03/2010 | 11/01/2026  |
|                |   |              |        |           |                  |   |              |                |              |              | 0            | (20,309)    |               | l        | 4.450  |           |      |          |             |            |             |
| 741701-H8-2    | County of Prince George'-GENERAL OBLIGAT  |              |        |           | 1.A FE           | 1,000,000                               | . 101.4500 . | 1,014,500      | 1,000,000    | 1,000,000    | 0            | 0           | 0             | J        |        |           | MS   | 15,833   |             | 03/10/2011 | 03/01/2026  |
|                | City of Nashua NH-GENERAL OBLIGATION UNL  |              |        |           | 1.B FE           | 2,000,000                               | 99.9800 .    | 1,999,600      | 2,000,000    | 2,000,000    | 0            | 0           | 0             | J0       | 3. 197 | 3. 196    | JJ   | 29,483   | 63,940      | 01/11/2012 | 01/15/2023  |
|                | City of Nashua NH-GENERAL OBLIGATION UNL  |              |        |           | 1.B FE           |   | 96 . 1360 .  | 961,360        | 1,000,000    | 1,043,269    | 0            | (3,974)     | 0             | 0        | 4.226  | 3.659     | JJ   | 19,487   |             | 04/11/2013 | 01/15/2032  |
|                | HOUSTON TX-GENERAL OBLIGATION LTD         |              |        | 1         | 1.D FE           | 1,871,741                               |              |                | 1,530,000    | 1,728,667    | 0            | (17,140)    | 0             | 0        | 6.290  |           | MS   | 32,079   | 96,237      | 10/17/2012 | 03/01/2032  |
| 796269-VA-3    | San Antonio Independent -GENERAL OBLIGAT  |              |        | 2         | 1.A FE           |   | 97.1600 .    |                | 2,000,000    | 2,000,000    | 0            | 0           | 0             | 0        | 4.006  | 4.004     | FA   | 30,268   | 80 , 120    | 08/24/2011 | 08/15/2028  |

## **SCHEDULE D - PART 1**

|                |   |           |          |          |            |              | Showing All Lo | ng-Term BOND | S Owned Dece | mber 31 of | Current Ye | ar            |          |        |           |      |          |             |            |             |
|----------------|---|-----------|----------|----------|------------|--------------|----------------|--------------|--------------|------------|------------|---------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1              | 2   | Co        | des      | 6        | 7          |              | air Value      | 10           | 11           |            |            | usted Carryin | n Value  |        |           | 1    | nterest  |             | Da         | ites        |
| ,              | 3   | 4         |          | <b>⊣</b> | •          | 8            | 9              |              | • •          | 12         | 13         | 14            | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                |   | 1         |          | NAIC     |            | U            | J              |              |              | 12         | 10         | 1-7           | 10       | 10     | l ''      | 10   | 13       | 20          | 21         |             |
|                |   |           |          | Desig-   |            |              |                |              |              |            |            |               |          |        |           |      |          |             |            |             |
|                |   |           |          |          |            |              |                |              |              |            |            |               |          |        |           |      |          |             |            |             |
|                |   |           |          | nation,  |            |              |                |              |              |            |            |               |          |        |           |      |          |             |            |             |
|                |   |           |          | NAIC     |            |              |                |              |              |            |            |               | Total    |        |           |      |          |             |            |             |
|                |   |           |          | Desig-   |            |              |                |              |              |            |            |               | Foreign  |        |           |      |          |             |            |             |
|                |   | F         |          | nation   |            |              |                |              |              |            |            | Current       | Exchange |        |           |      |          |             |            |             |
|                |   | 0         |          | Modifie  | r          |              |                |              |              |            |            | Year's        | Change   |        |           |      |          |             |            |             |
|                |   | r         |          | and      |            | Rate         |                |              |              |            | Current    | Other-        | in       |        |           |      |          |             |            |             |
|                | C   | e .       |          | SVO      |            | Used to      |                |              | Book/        | Unrealized | Year's     | Than-         | Book/    |        |           |      | Admitted |             |            | Stated      |
|                |   | Ĭ         |          | Admini   |            | Obtain       |                |              | Adjusted     | Valuation  | (Amor-     |               | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP          | l d   | '         | Done     |          | A atual    |              | Coir           | Par          |              |            |            | Temporary     |          | Doto   |           | When |          | Received    |            |             |
|                | -   | g         | Bono     |          |            | Fair         | Fair           |              | Carrying     | Increase/  | tization)  | Impairment    | Carrying | Rate   | Rate      |      | Due and  |             |            | Maturity    |
| Identification | Description e   | n         | Cha      |          |            | Value        | Value          | Value        | Value        | (Decrease) | Accretion  | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 655867-JF-7    | City of Norfolk VA-GENERAL OBLIGATION UN  |           |          | 1.B FE   |            | . 101.7440   | 2,777,611      | 2,730,000    | 2,749,177    | 0          | (8,258)    | 0             | 0        | 5.450  | 5. 100    | MS   | 49,595   | 148,785     | 01/27/2010 | 03/01/2025  |
| 655867-SC-4    | City of Norfolk VA-GENERAL OBLIGATION UN  |           | . 1,2    | 1.B FE   | 1,000,000  | 99.9240      | 999,240        | 1,000,000    | 1,000,000    | 0          | 0          | 0             | 0        | 4.115  | 3.938     | FA   | 17, 146  | 41,150      | 10/18/2013 | 08/01/2026  |
| 655867-SD-2    | City of Norfolk VA-GENERAL OBLIGATION UN  | .         | . 1,2    | 1.B FE   |            | 99.9810      | 999,810        | 1,000,000    | 1,000,000    | 0          | 0          | 0             | 0        | 4.265  | 4.004     | FA   | 17,771   | 42,650      | 10/18/2013 | 08/01/2027  |
| 655867-SE-0    | City of Norfolk VA-GENERAL OBLIGATION UN  | .1        | 1.2      | 1.B FE   | 1,000,000  |              | 1.007.090      | 1,000,000    | 1,000,000    |            |            |               | n        | 4.755  | 4.752     | FA . | 19.813   |             | 10/18/2013 | 08/01/2030  |
| 73723R-J5-3    | City of Portsmouth VA-GENERAL OBLIGATION  | 1         | 2        | 1 1.A    |            | 99.9740      | 989.743        | 990.000      | 990.000      | n          | n          | n             | n        | 3.939  | 3.936     | FΔ   |          |             | 06/05/2013 | 02/01/2030  |
| 73723R-J6-1    | City of Portsmouth VA-GENERAL OBLIGATION  |           |          | 1.0 FE   |            | 96.8100      | 9.681          | 10.000       | 10.000       |            | ۰          |               |          | 3.939  | 3.936     | E/   |          |             | 06/05/2013 | 02/01/2030  |
|                |   | 1         | ٠        | 1.0 FE   |            | -            | 927, 141       | 874, 183     | 1,022,258    |            | (22,063)   |               | J        |        |           | I.v  | 4.983    |             |            |             |
|                | County of Milwaukee WI-GENERAL OBLIGATIO  | ·1        | .        |          |            | . 106.0580   |                |              |              | 0          |            | 0             | 0        | 6.840  | 3.632     | JU   |          |             | 12/06/2012 | 12/01/2028  |
|                | Subtotal - Bonds - U.S. Political Subdivisions  | - ISSL    | ıer Obli | gations  | 28,746,376 |              | 26,677,397     | 26,629,183   | 27,620,529   | 0          | (149,430)  |               | 0        | XXX    | XXX       | XXX  | 431,747  | 1,284,165   | XXX        | XXX         |
| 0709999999.    | . Total - U.S. Political Subdivisions Bonds   |           |          |          | 28,746,376 | XXX          | 26,677,397     | 26,629,183   | 27,620,529   | 0          | (149,430)  | 0             | 0        | XXX    | XXX       | XXX  | 431,747  | 1,284,165   | XXX        | XXX         |
| 010608-5M-5    | Alabama Public School an-REVENUE BONDS  |           |          | 1.C FE   |            | 99.6910      | 4,984,550      | 5,000,000    | 5,321,383    |            | (62,246)   | 0             | 0        | 5. 150 | 3.637     | MS   | 85,833   | 257,500     | 12/12/2014 | 09/01/2027  |
| 914072-K4-4    | University of Arkansas-REVENUE BONDS  | .         | . 1.2    | 1.C FE   |            | 87.9390      | 2,000,612      | 2,275,000    | 2,275,000    |            | 19         | 0             | l0       | 3.166  | 3. 165    | MS   | 21,208   | 72,027      | 10/06/2016 | 09/15/2031  |
| 04048R-DS-2    | Arizona State University-REVENUE BONDS  |           | ,        | 1.C FE   |            |              | 1,063,620      | 1.000.000    | 1, 137, 205  |            | (15.362)   | 0             | 0        | 6.204  | 4.063     | .1.1 | 31.020   | 62,040      | 01/31/2013 | 07/01/2030  |
| 040627-DX-6    | Arizona Power Authority-REVENUE BONDS   | 1         |          | 1.0 FE   | 2,000,000  |              |                | 2,000,000    | 2,000,000    | 0          | 0          | 0             | n        | 4.918  | 4.917     | AO   | 24,590   | 98,360      | 03/19/2014 | 10/01/2045  |
|                | Bay Area Water Supply & -REVENUE BONDS  |           |          | 1.D FE   | 2,000,000  | 98.6100      | 1,972,200      | 2,000,000    | 2,000,000    |            | 0          |               | n        | 2.855  | 2.854     | ۸٥   | 14,275   | 57,100      | 02/01/2013 | 10/01/2023  |
| 13077C-TL-8    | CALIFORNIA ST UNIV REV BUILD AMER BDS   |           |          | 1.D FE   | 2,734,760  |              |                | 2,000,000    | 2,596,327    |            | (20.492)   |               |          | 6.484  | 4 . 180   | MN   |          | 129,680     | 03/27/2015 | 11/01/2041  |
|                |   |           |          |          |            |              |                |              |              |            | . , . ,    |               |          |        |           |      | , .      |             |            |             |
|                | California Statewide Com-REVENUE BONDS  |           | . 1      | 1.0 FE   | 1,286,888  | . 116.4170   | 1,082,678      | 930,000      | 1,217,251    |            | (10,308)   | 0             | 0        | 7.550  | 4.890     | MN   | 8,972    | 70,215      | 01/08/2015 | 05/15/2040  |
| 463632-4P-1    | Irvine Ranch Water Distr-SPECIAL ASSESSM  |           |          | 1.A FE   | 2,801,740  |              |                | 2,000,000    | 2,633,518    |            | (168,222)  | 0             | 0        | 6.622  | 4.059     | MN   | 22,073   | 132,440     | 03/25/2015 | 05/01/2040  |
| 544525-NZ-7    | LOS ANGELES CA DEPT OF W-REVENUE BONDS  |           |          | 1.C FE   |            | . 107 . 1230 | 1,071,230      | 1,000,000    | 1,170,741    |            | (6,838)    | 0             | 0        | 6.008  | 4.528     | JJ   | 30,040   | 60,080      | 09/16/2015 | 07/01/2039  |
| 544712-2H-4    | LOS ANGELES CNTY CA MET -REVENUE BONDS  |           | . 1      | 1.B FE   |            | . 104.8220   | 4, 192, 880    | 4,000,000    | 4,807,076    |            | (34, 151)  | 0             | 0        | 5.735  | 4.040     | JD   | 19, 117  | 229,400     | 02/26/2015 | 06/01/2039  |
| 54473E-NS-9    | LOS ANGELES CNTY CA PUBL-REVENUE BONDS  | .         |          | 1.C FE   |            | . 123.7940   |                | 1,000,000    | 1,264,922    |            | (8,965)    | 0             | 0        | 7.618  | 5.285     | FA   | 31,742   |             | 12/14/2012 | 08/01/2040  |
| 684273-HC-2    | ORANGE CNTY CA LCL TRANSPRTN-BUILD AMERI  |           | . 1      | 1.B FE   |            | . 113.3660   |                | 2,000,000    | 2,701,165    |            | (25,568)   | 0             | 0        | 6.908  | 4 . 139   | FA   | 52, 194  | 138, 160    | 02/26/2015 | 02/15/2041  |
| 768874-SG-5    | City of Riverside CA Ele-REVENUE BONDS  | .         |          | 1.D FE   |            | . 122.2310   | 2.444.620      | 2.000.000    | 2,763,708    |            | (27.732)   | 0             | 0        | 7.605  | 4.466     | AO   |          | 152, 100    | 01/07/2015 | 10/01/2040  |
| 79765R-SV-2    | SAN FRANCISCO CITY & CNTY CA-BUILD AMERI  |           | 1        | 1.D FE   | 1,270,800  | . 105.2350   |                | 1,000,000    | 1,208,781    |            | (7.653)    | 0             | 0        | 6.000  | 4.310     | MN   | 10,000   | 60,000      | 04/12/2013 | 11/01/2040  |
| 80168N-EP-0    | SANTA CLARA VLY CA TRANS-REVENUE BONDS  |           | .        | 1.0 FE   |            | . 102.8520   |                | 3,000,000    | 3.341.678    |            | (29,438)   | 0             | 0        | 5.876  | 4.365     | AO   | 44.070   |             | 10/22/2012 | 04/01/2032  |
| 835574-CB-8    | County of Sonoma CA-REVENUE BONDS   |           |          | 1.0 FE   |            | . 102.8320   |                | 2,025,000    | 2,095,004    |            | (29,430)   |               |          | 6.000  | 4.996     | NO   |          | 121,500     | 03/22/2012 | 12/01/2029  |
|                |   |           | · [¦     |          |            |              |                |              |              |            | (16,259)   |               | l        |        |           |      |          | · ·         |            |             |
| 91412G-GX-7    | University of California-REVENUE BONDS  | 1         | 1        | 1.0 FE   |            | 99.3920      |                |              |              |            | (1,94/)    | 0             | J0       | 4.797  | 4.375     | MIN  | 4, 199   | 32,859      | 03/08/2012 | 05/15/2031  |
| 91412G-TG-0    | University of California-REVENUE BONDS  | 1         | - [      | 1.0 FE   |            | 97.3420      | 1,946,840      | 2,000,000    | 2,000,000    | 0          | 0          | 0             | J0       | 4.601  | 4.600     | MN   | 11,758   | 92,020      | 09/26/2013 | 05/15/2031  |
|                | COLORADO ST BRIDGE ENTERPRISE REVENUE   | ·   ····· | -        | 1.0 FE   | 1,254,870  |              | 1,063,210      | 1,000,000    | 1, 185, 298  |            | (6,578)    | 0             | 0        | 6.078  | 4.554     | JD   | 5,065    | 60,780      | 05/28/2013 | 12/01/2040  |
| 196479-F9-5    | Colorado Housing and Fin-REVENUE BONDS  |           | . 2      | 1.A FE   |            | 93.9350      | 470,552        | 500,934      | 508,773      |            | (1,655)    | 0             | 0        | 3.700  | 3.312     | MON  | 1,545    | 18,527      | 02/14/2018 | 03/01/2048  |
| 25477G-EV-3    | District of Columbia-REVENUE BONDS  | .         | . [      | 1.B FE   |            | . 101.6580   | 1,016,580      | 1,000,000    | 1,000,000    | 0          | 0          | 0             | 0        | 5.282  | 5.281     | JD   | 4,402    | 52,820      | 12/03/2010 | 12/01/2026  |
| 690353-RX-7    | United States Internatio-UNSECURED  |           | .        | 1.A      |            | 99.0247      | 727,599        | 734,766      | 734,849      |            | (64)       | 0             | 0        | 4.440  | 4.430     | FA   | 11,237   | 32,624      | 01/15/2010 | 02/27/2027  |
| 690353-XM-4    | United States Internatio-SENIOR UNSECURE  | .         | .        | 1.A      |            | 95.6381      | 874,405        | 914,286      | 914,288      |            | (1)        | 0             | 0        | 3.590  | 3.590     | MJSD | 1,459    | 32,823      | 07/10/2013 | 12/15/2030  |
| 46615M-AS-0    | JEA District Energy Syst-REVENUE BONDS  |           | . 2      | 1.C FE   | 1,610,000  |              | 1.546.969      | 1.610.000    | 1.610.000    |            | n          |               | n        | 4.238  | 4.233     | A0   | 17.058   | 68,232      | 06/07/2013 | 10/01/2030  |
| 37353P-AH-2    | Georgia Housing & Financ-REVENUE BONDS  | 1         | 2        | 1.A FE   |            |              | 914.440        | 1,000,000    | 995,887      |            | 189        | 0             | n        | 3.500  | 3.534     | .n   | 2,917    | 35,000      | 12/21/2017 | 12/01/2038  |
|                | City & County Honolulu H-REVENUE BONDS  | 1         | . 1,2    | 1.0 FE   |            | 98.0380      | 490, 190       | 500,000      | 499,990      |            | 100        | n             | n        | 3.668  | 3.669     | .i.i | 9.170    |             | 07/23/2015 | 07/01/2027  |
|                | City & County Honolulu H-REVENUE BONDS  |           | . 1.2    | 1.0 FE   |            | 98.3900      | 491.950        |              | 499.988      |            | 4          |               | ^        | 3.868  | 3.869     | 11   | 9.670    | 19.340      | 07/23/2015 | 07/01/2027  |
|                |   | 1         | . 1,2    | 1.0 FE   |            |              | 993.480        | 1.000,000    | 1,000,000    |            | 4          |               | J        | 4.411  |           |      | 9,670    |             |            |             |
| -              | City & County Honolulu H-REVENUE BONDS  | 1         | . [1,2   |          |            |              |                |              |              |            | 0          |               | J        |        | 4.411     | JJ   |          | 44,110      | 07/23/2015 | 07/01/2035  |
| 45129W-KB-5    | Idaho Housing & Finance -REVENUE BONDS  |           | -        | 1.F FE   | 2,519,760  | . 105.0970   | 2,101,940      | 2,000,000    | 2,227,588    |            | (35,995)   | 0             | J0       | 6.348  | 4.034     | JJ   | 58,543   | 126,960     | 05/23/2013 | 07/15/2028  |
| 167736-YV-3    | City of Chicago IL Water-REVENUE BONDS  | ·1        | -        | 1.F FE   | 1,130,630  | . 104.7240   | 1,047,240      | 1,000,000    | 1,070,631    |            | (8,359)    | 0             | 0        | 6.642  | 5.391     | MN   | 11,070   | 66,420      | 03/12/2014 | 11/01/2029  |
| 213248-BB-2    | County of Cook IL Sales -REVENUE BONDS  |           | . 2      | 1.D FE   |            | . 100 . 1030 | 1,251,288      | 1,250,000    | 1,250,000    | 0          | 0          | 0             | 0        | 5.354  | 5.350     | MN   | 8,552    | 66,925      | 07/12/2013 | 11/15/2035  |
| 452227-FT-3    | State of Illinois-REVENUE BONDS   | . [       | . [      | 1.G FE   |            | 85.9510      | 2,578,530      | 3,000,000    | 3,068,028    |            | (3,796)    | 0             | 0        | 4.080  | 3.862     | JD   | 5,440    | 122,400     | 04/24/2013 | 06/15/2036  |
| 452227-GM-7    | State of Illinois-REVENUE BONDS   | .         | .        | 1.G FE   |            | 85.2300      | 852,300        | 1,000,000    | 929,998      |            | 5,768      | 0             | 0        | 3.750  | 4.674     | JD   | 1,667    | 37,500      | 10/29/2013 | 06/15/2032  |
| 452227-JN-2    | State of Illinois-REVENUE BONDS   |           | .        | 1.G FE   |            | 91.1750      | 1,823,500      | 2,000,000    | 2,000,000    | 0          | 0          | 0             | 0        | 4.620  | 4.620     | JD   | 4, 107   | 92,400      | 03/11/2014 | 06/15/2038  |
| 454624-U5-4    | Indiana Bond Bank-REVENUE BONDS   |           | . 1      | 1.B FE   |            | . 100 . 1140 | 650,741        | 650,000      | 650,000      |            | (2,993)    | 0             |          | 5.490  | 4.821     | JJ   | 16,455   | 35,685      | 11/19/2010 | 01/15/2024  |
|                | New Albany-Floyd County -REVENUE BONDS  |           | 2        | 1 B FF   | 1.000.000  |              | 968 . 140      | 1.000.000    | 1.000.000    | n          | n          | n             | n        | 3.110  | 3. 109    |      | 14.341   | 31.100      | 04/11/2013 | 01/15/2027  |
|                | I TO THE STATE OF THE PARTY OF |           |          |          |            |              |                |              |              |            |            |               |          |        |           |      |          |             |            |             |

## **SCHEDULE D - PART 1**

|                            |  |    |      |       |          |                        |             | Showing All Lor | ng-Term BOND: | S Owned Dece | mber 31 of | Current Ye    | ar            |          |                |           |         |          |             |            |             |
|----------------------------|--|----|------|-------|----------|------------------------|-------------|-----------------|---------------|--------------|------------|---------------|---------------|----------|----------------|-----------|---------|----------|-------------|------------|-------------|
| 1                          | 2  |    | Coc  | les   | 6        | 7                      |             | Fair Value      | 10            | 11           | Change     | e in Book/Adi | usted Carryin | g Value  |                |           | lı lı   | nterest  |             | Da         | ites        |
|                            |  | 3  | 4    | 5     | 1        |                        | 8           | 9               |               |              | 12         | 13            | 14            | 15       | 16             | 17        | 18      | 19       | 20          | 21         | 22          |
|                            |  |    |      |       | NAIC     |                        |             |                 |               |              |            |               |               |          |                |           |         |          |             |            |             |
|                            |  |    |      |       | Desig-   |                        |             |                 |               |              |            |               |               |          |                |           |         |          |             |            |             |
|                            |  |    |      |       | nation,  |                        |             |                 |               |              |            |               |               |          |                |           |         |          |             |            |             |
|                            |  |    |      |       | NAIC     |                        |             |                 |               |              |            |               |               | Total    |                |           |         |          |             |            |             |
|                            |  |    |      |       | Desig-   |                        |             |                 |               |              |            |               |               | Foreign  |                |           |         |          |             |            |             |
|                            |  |    | F    |       | nation   |                        |             |                 |               |              |            |               | Current       | Exchange |                |           |         |          |             |            |             |
|                            |  |    | 0    |       | Modifier |                        |             |                 |               |              |            |               | Year's        | Change   |                |           |         |          |             |            |             |
|                            |  |    | r    |       | and      |                        | Rate        |                 |               |              |            | Current       | Other-        | in       |                |           |         |          |             |            |             |
|                            |  | С  | e    |       | SVO      |                        | Used to     |                 |               | Book/        | Unrealized | Year's        | Than-         | Book/    |                |           |         | Admitted |             |            | Stated      |
|                            |  | 0  | i    |       | Admini-  |                        | Obtain      |                 |               | Adjusted     | Valuation  | (Amor-        | Temporary     | Adjusted |                | Effective |         | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d  | g    | Bond  | strative | Actual                 | Fair        | Fair            | Par           | Carrying     | Increase/  | tization)     | Impairment    | Carrying | Rate           | Rate      | When    | Due and  | Received    |            | Maturity    |
| Identification             | Description  | e  | l y  | Char  | Symbol   | Cost                   | Value       | Value           | Value         | Value        | (Decrease) | Accretion     | Recognized    | Value    | of             | of        | Paid    | Accrued  | During Year | Acquired   | Date        |
|                            |  | -  | - 11 | Cilai |          |                        |             |                 |               |              | (Decrease) |               | Recognized    | value    |                |           |         |          |             | 12/10/2010 |             |
| 575832-R2-8                | Massachusetts State Coll-REVENUE BONDS   |    |      |       | 1.D FE   | 665,000                |             |                 | 665,000       |              | 0          | 0             |               |          | 5.788          | 5.785     |         | 6,415    |             |            | 05/01/2025  |
| 57587A-XF-0                | Massachusetts Housing Fi-REVENUE BONDS   |    |      | 2     | 1.0 FE   | 1,010,740              |             | 929,950         | 1,000,000     | 1,005,809    |            | (1,066)       |               |          | 3.750          |           | JD      | 3, 125   |             | 12/21/2017 | 12/01/2042  |
| 57587A-XH-6                | Massachusetts Housing Fi-REVENUE BONDS   |    |      | 2     | 1.0 FE   |                        | 85.4630     | 854,630         | 1,000,000     | 991,324      |            | 148           | 0             |          | 3.950          | 4.000     | JD      | 3,292    | 39,500      | 12/20/2017 | 12/01/2052  |
| 576000-KW-2                | MASSACHUSETTS ST SCH BLD-REVENUE BONDS   |    |      |       | 1.0 FE   | 2,330,900              |             | 2,033,660       | 2,000,000     | 2, 132,605   |            | (26,811)      | 0             |          | 5.468          |           | JD      | 4,860    |             | 06/27/2014 | 06/15/2027  |
| 183596-CY-9                | Baltimore Board of Schoo-REVENUE BONDS   |    |      |       | 1.B FE   |                        |             | 2,050,020       | 2,000,000     | 2,000,000    | 0          | 0             | 0             | 0        | 5.692          | 5.691     | JD      | 5,060    | 113,840     | 02/03/2011 | 12/15/2025  |
| 57419R-L6-0                | Maryland Community Devel-REVENUE BONDS   |    |      | 2     | 1.B FE   |                        | 93.5200     |                 | 1,985,000     | 1,985,000    |            | 41            | 0             |          | 4. 103         | 4. 102    | MS      | 27,148   | 81,445      | 04/07/2017 | 09/01/2032  |
| 594712-PP-0                | MICHIGAN ST UNIV REVENUE-REVENUE BONDS   |    |      | 1,2   | 1.C FE   | 3,090,010              |             | 2,580,175       | 2,500,000     | 2,826,308    |            | (38,911)      | 0             | 0        | 6. 173         | 4.042     | FA      | 58,301   | 154,325     | 06/09/2015 | 02/15/2050  |
| 914455-JZ-4                | University of Michigan-REVENUE BONDS   |    |      |       | 1.A FE   | 1,262,320              |             |                 | 1,000,000     | 1,128,576    |            | (15,344)      | 0             | 0        | 5.513          |           | A0      | 13,783   | 55, 130     | 10/24/2012 | 04/01/2030  |
| 604115-BA-2                | Minnesota Public Facilit-REVENUE BONDS   |    |      |       | 1.A FE   | 1,084,930              |             | 1,025,250       | 1,000,000     |              |            | (6,767)       | 0             | 0        | 5. 125         | -         | MS      | 17,083   | 51,250      | 07/25/2013 | 03/01/2027  |
| 604115-BB-0                | Minnesota Public Facilit-REVENUE BONDS   |    |      |       | 1.A FE   | 1,089,050              | . 104. 1610 | 1,041,610       | 1,000,000     | 1,038,211    |            | (6,462)       | 0             | 0        | 5.250          | -         | MS      | 17,500   | 52,500      | 07/25/2013 | 03/01/2028  |
| 60416Q-HA-5                | Minnesota Housing Financ-REVENUE BONDS   |    |      | 2     | 1.A FE   | 702,543                |             | 695,454         | 702,543       | 702,543      | 0          | 0             | 0             | 0        | 3.300          | 0.000     | MON     | 1,932    | 23, 184     | 02/14/2018 | 03/01/2048  |
| 60416Q-HJ-6                | Minnesota Housing Financ-REVENUE BONDS   |    |      | 2     | 1.A FE   | 576,335                |             | 575,418         | 576,335       | 576,335      | 0          | 0             | 0             | 0        | 3.600          | 3.600     |         | 1,729    | 20,748      | 12/14/2018 | 01/01/2049  |
| 60636A-EF-6                | Health & Educational Fac-REVENUE BONDS   |    |      |       | 1.B FE   | 3,000,000              |             | 2,843,070       | 3,000,000     | 3,000,000    | 0          | 0             | 0             | 0        | 3.335          | 3.334     |         | 37,797   | 100,050     | 07/19/2012 | 02/15/2027  |
| 60636Y-KJ-9                | Missouri Housing Develop-REVENUE BONDS   |    |      | 2     | 1.B FE   |                        | 95.9860     | 345,550         |               |              | 0          | 0             | 0             | 0        | 4.030          | 4.030     |         | 7,254    | 14,508      | 06/06/2013 | 07/01/2028  |
| 60636Y-KK-6                | Missouri Housing Develop-REVENUE BONDS   |    |      | 2     | 1.B FE   | 440,000                | 98.3740     | 432,846         | 440,000       | 440,000      | 0          | 0             | 0             | 0        | 4.430          |           | JJ      | 9,746    | 19,502      | 06/06/2013 | 07/01/2033  |
| 264416-AN-8                | Duke University-REVENUE BONDS  |    |      |       | 1.B FE   | 2,691,240              |             | 2, 121, 260     | 2,000,000     | 2,474,017    |            | (24,887)      | 0             | 0        | 5.850          | 3.695     | AO      | 29,250   | 117,000     | 09/11/2012 | 04/01/2037  |
|                            | Guilford County Public F-REVENUE BONDS   |    |      | 2     | 1.B FE   | 1,000,000              |             | 987,980         | 1,000,000     | 1,000,000    | 0          | 0             | 0             | 0        | 4.564          | 4.559     | AO      | 11,410   | 45,640      | 03/15/2012 | 04/01/2032  |
| 658308-AD-3                | North Carolina Turnpike -REVENUE BONDS   | SD |      |       | 1.B FE   | 1,000,000              |             | 1,000,000       | 1,000,000     | 1,000,000    | 0          | 0             | 0             | 0        | 4.450          | 4.450     | JJ      | 9, 145   |             | 10/15/2010 | 01/01/2023  |
| 783186-NH-8                | Rutgers The State Univer-REVENUE BONDS   |    |      |       | 1.E FE   | 3,773,310              |             |                 | 3,000,000     | 3,582,480    |            | (22,726)      | 0             | 0        | 5.665          | 4.090     | MN      | 28,325   |             | 12/13/2012 | 05/01/2040  |
| 647200-48-0                | New Mexico Mortgage Fina-REVENUE BONDS   |    |      | 2     | 1.B FE   | 390,000                |             | 349, 175        | 390,000       | 390,000      | 0          | 0             | 0             |          | 2.600<br>4.176 | 2.600     |         |          | 10,140      | 08/03/2016 | 09/01/2040  |
| 610730-AA-1                | Monroe County Industrial-REVENUE BONDS   |    |      | 1     | 1.0 FE   | 4,000,000<br>1.000.000 |             |                 |               | 4,000,000    |            | 0             |               |          | 4.1/6          | 4. 175    | JJ      |          |             | 06/14/2012 | 05/01/2028  |
| 61075T-GQ-5<br>61075T-GR-3 | Monroe County Industrial-REVENUE BONDS   |    |      |       | 1.D FE   |                        | . 101.4270  |                 | 1,000,000     | 1,000,000    |            | 0             |               |          | 5.046          |           | JJ      |          | 50,460      | 09/11/2013 | 07/01/2028  |
| 64966T-FD-1                | ,  |    |      |       | 1.0 FE   | 3,063,744              |             |                 | 3,000,000     | 3,011,912    |            | (8,334)       |               |          | 3.709          | 3.412     | ••      | 9.273    | 111,270     |            |             |
| 64971Q-J4-6                | New York City Housing De-REVENUE BONDS<br>New York City Transition-REVENUE BONDS |    |      | 2     | 1.A FE   | 2,046,480              |             |                 | 2.000,000     | 2.030.601    |            | (8,334)       |               |          | 3.709          |           | MN      |          |             | 10/24/2014 | 02/15/2048  |
| 64972C-BD-4                | New York City Housing De-REVENUE BONDS   |    |      |       | 1.0 FE   | 2,046,480              | 75.5370     | 163,679         | 2,000,000     | 216,687      |            | 0             |               |          | 3.750          | _         | MON     |          | 6,609       | 06/19/2014 | 06/15/2036  |
| 649902-2E-2                | New York State Dormitory-REVENUE BONDS   |    |      |       | 1.6 FE   |                        |             | 2,003,680       | 2,000,000     | 2,204,170    |            | (15,875)      |               |          | 5.289          |           | MS      |          |             | 02/08/2013 | 03/15/2033  |
| 649902-T2-9                | NEW YORK ST DORM AUTH ST-REVENUE BONDS   |    |      |       | 1.B FE   | 3,587,330              |             | 3.037.050       | 3.000.000     | 3.315.781    |            | (13,673)      |               |          | 5.209          | 3.812     |         |          |             | 01/21/2015 |             |
| 649902-12-9                | New York State Dormitory-REVENUE BONDS   |    |      |       | 1.8 FE   |                        |             | 3,037,050       | 4.000,000     | 4.010.210    |            | (37,555)      |               |          | 4.802          | 4.773     |         |          |             | 01/21/2015 | 12/01/2034  |
| 649907-YA-4                | New York State Dormitory-REVENUE BUNDS   |    |      | 1.2   | 1.A FE   |                        |             |                 |               |              |            | (030)         |               |          | 4.802          | 3.999     |         |          |             | 01/07/2014 | 12/01/2034  |
| 64990F-MV-3                | New York State Dormitory-REVENUE BONDS   |    |      | 1,2   | 1.B FE   | 1,189,220              | . 101.2230  | 1,012,230       | 1,000,000     | 1.140.250    |            | (5.931)       |               |          | 5.427          |           | MS      |          | 54,270      | 01/31/2013 | 03/15/2039  |
| 73358W-CW-2                | Port Authority of New Yo-REVENUE BONDS   |    |      |       | 1.D FE   |                        | . 101.2230  | 832.848         |               | 930.775      |            | (3,931)       |               |          | 5.647          | 4.322     |         | 7.529    | 45, 176     | 02/04/2013 | 11/01/2040  |
| 73358W-TZ-7                | Port Authority of New Yo-REVENUE BONDS   |    |      | 2     | 1.D FE   |                        |             | 936,470         | 1,000,000     | 1,000,000    |            | (4,760)       |               |          | 4.426          | 4.424     |         | 9.344    |             | 10/08/2014 | 10/15/2034  |
| 123550-HN-8                | County of Butler OH-REVENUE BONDS  |    |      | 2     | 1.0 FE   |                        | 97.8880     | 978.880         | 1.000,000     | 1,000,000    |            | 12            |               |          | 3.300          | 3.300     | MN      | 4.217    |             | 12/22/2017 | 11/15/2029  |
| 47770V-AX-8                | JobsOhio Beverage System-REVENUE BONDS   |    |      | ٠     | 1.0 FE   |                        | . 100.0000  | 1,000,000       | 1,000,000     | 1,000,000    |            | 0             |               |          | 3.235          |           | JJ      |          |             | 01/29/2013 | 01/01/2023  |
| 47770V-AX-6                | JobsOhio Beverage System-REVENUE BONDS   |    |      |       | 1.D FE   |                        |             | 1.941.880       | 2.000.000     | 2.000.000    |            | 0             | 0             | n        | 3.985          |           | JJ      |          | 79,700      | 01/29/2013 | 01/01/2029  |
| 677377-2P-7                | Ohio Housing Finance Age-REVENUE BONDS   |    |      | 2     | 1.A FE   | 935,000                |             | 812,300         | 935,000       | 935.000      | 0          | 0             | 0             | n        | 2.650          |           | MON     | 2.065    | 24,777      | 07/15/2016 | 11/01/2041  |
| 677561-JU-7                | State of Ohio-REVENUE BONDS  |    |      |       | 1.0 FE   | 2.000.000              |             | 1.612.460       | 2.000.000     | 1.999.941    |            | 2             | n             | n        | 3.700          | 3.700     |         |          | 74,000      | 08/09/2017 | 01/01/2043  |
| 914119-F5-6                | University of Cincinnati-REVENUE BONDS   |    |      | 2     | 1.0 FE   |                        |             | 812,620         | 1,000,000     | 1,000,000    |            | 11            | n             | n        | 3.949          | _         | JD      | 3,291    |             | 05/11/2016 | 06/01/2042  |
| 914119-YR-7                | University of Cincinnati-REVENUE BONDS   | l  | l    | 2     | 1.D FE   | 2.000.000              |             | 2.023.820       | 2.000.000     | 2.000.000    | n          | n             | n             | n        | 5. 153         | 5. 151    | •• •••• | 8.588    |             | 12/05/2013 | 06/01/2033  |
| 67908P-AZ-9                | Oklahoma Capitol Improve-REVENUE BONDS   |    |      |       | 1.D FE   | 2,450,980              |             | 2,046,660       | 2,000,000     | 2,227,071    |            | (25,657)      |               |          | 5.610          | 3.853     |         |          | 112,200     | 08/09/2012 | 07/01/2030  |
| 686087-MP-9                | State of Oregon Housing -REVENUE BONDS   |    | l    | 2     | 1.0 FE   |                        | 95.2690     | 195,301         | 205,000       | 205,000      | 0          | 0             | 0             |          | 2.891          | 2.891     |         | 2.963    | 5,927       | 05/31/2013 | 07/01/2033  |
| 914805-FA-9                | University of Pittsburgh-REVENUE BONDS   | l  | l    | 1.2   | 1.B FE   | 2,000,000              |             | 1,738,820       | 2,000,000     | 2,000,000    |            |               | 0             | 0        | 3.646          | 3.646     |         | 21.471   | 72,920      | 01/06/2017 | 09/15/2036  |
|                            | Rhode Island Housing and-REVENUE BONDS   |    |      | 2     | 1.0 FE   | 1,012,450              |             | 963,300         | 1,000,000     | 1,006,217    |            | (1,339)       | 0             |          | 3.800          | -         | AO      | 9,500    |             | 12/20/2017 | 10/01/2037  |
|                            | Metropolitan Government -REVENUE BONDS   | ļ  | I    |       | 1.A FE   |                        |             |                 | 2,000,000     | 2,000,023    |            | (3)           |               | l        | 3.437          | 3.437     |         | 17 . 185 | 68.740      | 10/27/2016 | 10/01/2046  |

## **SCHEDULE D - PART 1**

|  |            |                            |           |            |             |             | Showing All Lor | g-Term BOND: | S Owned Dece | mber 31 of     | Current Ye  | ar             |             |        |           |      |           |             |            |             |
|--|------------|----------------------------|-----------|------------|-------------|-------------|-----------------|--------------|--------------|----------------|-------------|----------------|-------------|--------|-----------|------|-----------|-------------|------------|-------------|
| 1 2  |            | Coc                        | des       | 6          | 7           | - 1         | air Value       | 10           | 11           | Change         | in Book/Adi | usted Carrying | value       |        |           | li   | nterest   |             | Da         | ites        |
|  |            | 3 4                        |           |            |             | 8           | 9               | -            |              | 12             | 13          | 14             | 15          | 16     | 17        | 18   | 19        | 20          | 21         | 22          |
|  |            |                            | _         | NAIC       |             | -           |                 |              |              |                |             |                |             |        |           |      |           |             |            |             |
|  |            |                            |           | Desig-     |             |             |                 |              |              |                |             |                |             |        |           |      |           |             |            |             |
|  |            |                            |           | nation,    |             |             |                 |              |              |                |             |                |             |        |           |      |           |             |            |             |
|  |            |                            |           | NAIC       |             |             |                 |              |              |                |             |                | Total       |        |           |      |           |             |            |             |
|  |            |                            |           | Desig-     |             |             |                 |              |              |                |             |                | Foreign     |        |           |      |           |             |            |             |
|  |            | _                          |           | nation     |             |             |                 |              |              |                |             | Current        | Exchange    |        |           |      |           |             |            |             |
|  |            | 0                          |           | Modifier   |             |             |                 |              |              |                |             | Year's         | Change      |        |           |      |           |             |            |             |
|  |            | 0                          |           |            |             | Rate        |                 |              |              |                | Current     | Other-         |             |        |           |      |           |             |            |             |
|  |            | _   '                      |           | and<br>SVO |             |             |                 |              | Darle!       | I lana alima d | Current     |                | in<br>Daala |        |           |      | A -l:44l  |             |            | 04-4-4      |
|  | 1 '        | Ce                         |           |            |             | Used to     |                 |              | Book/        | Unrealized     | Year's      | Than-          | Book/       |        | - cc      |      | Admitted  | A           |            | Stated      |
| QUOID  |            | o i                        | B         | Admini-    | A . ( )     | Obtain      | <b>-</b>        | D            | Adjusted     | Valuation      | (Amor-      | Temporary      | Adjusted    | D.1.   | Effective | 14/1 | Amount    | Amount      |            | Contractual |
| CUSIP  |            | d g                        | Bond      | strative   | Actual      | Fair        | Fair            | Par          | Carrying     | Increase/      | tization)   | Impairment     | Carrying    | Rate   | Rate      | When | Due and   | Received    |            | Maturity    |
| Identification Description                           |            | e n                        | Char      | Symbol     | Cost        | Value       | Value           | Value        | Value        | (Decrease)     | Accretion   | Recognized     | Value       | of     | of        | Paid | Accrued   | During Year | Acquired   | Date        |
| 880557-3E-1 TENNESSEE ST SCH BOND AU-REVENUE BONDS   |            | SD                         |           | 1.B FE     | 703,080     | 90 . 1220   | 901,220         | 1,000,000    | 897,756      |                | 14,875      | 0              | 0           | 1.515  | 4.528     | MJSD | 404       | 7,727       | 07/25/2013 | 09/15/2026  |
| 442435-5B-5 HOUSTON TX UTILITY SYS R-REVENUE BONDS   |            |                            |           | 1.C FE     | 2,000,000   | 96.9240     | 1,938,480       | 2,000,000    | 2,000,000    | 0              | 0           | 0              | 0           | 3.828  | 3.827     | MN   | 9,783     |             | 03/13/2014 | 05/15/2028  |
| 882135-7J-9 Texas A&M University-REVENUE BONDS       |            |                            | 2         | 1.A FE     | 1,000,000   | 99.8290     | 998,290         | 1,000,000    | 1,000,000    | 0              | 0           | 0              | 0           | 4.772  | 4.768     | MN   | 6,098     | 47,720      | 09/04/2013 | 05/15/2033  |
| 88213A-ET-8 Texas A&M University-REVENUE BONDS       |            |                            | 2         | 1.A FE     |             | 91.9110     | 1,148,888       | 1,250,000    | 1,250,000    |                | 18          | 0              | 0           | 3.993  | 3.992     | MN   | 6,378     | 49,913      | 03/23/2016 | 05/15/2037  |
| 88213A-KJ-3 Texas A&M University-REVENUE BONDS       |            |                            | 2         | 1.A FE     | 2,000,000   |             | 1,794,700       | 2,000,000    | 2,000,000    |                | 20          | 0              | 0           | 3.286  |           | MN   | 8,398     | 65,720      | 06/07/2017 | 05/15/2031  |
| 88275F-NU-9 Texas Department of Hous-REVENUE BONDS   |            |                            | 2         | 1.B FE     | 295,000     |             | 278, 158        | 295,000      | 295, 190     |                | (114)       | 0              | 0           | 3.200  | 3. 158    | MS   | 3, 147    | 9,440       | 10/15/2015 | 09/01/2039  |
| 88283L-HU-3 TEXAS ST TRANSPRTN COMM-BUILD AMERICA R  | E          |                            | 1         | 1.A FE     | 3,005,540   | . 101.7510  | 2,543,775       | 2,500,000    | 2,744,940    |                | (29,073)    | 0              | 0           | 5. 178 | 3.628     | A0   | 32,363    | 129,450     | 08/13/2012 | 04/01/2030  |
| 914729-ST-6 University of North Texa-REVENUE BONDS   |            |                            | 2         | 1.C FE     | 2,270,000   |             | 2,060,820       | 2,270,000    | 2,269,852    |                | 11          | 0              | 0           | 3.757  | 3.758     | A0   | 18,004    | 85,284      | 01/06/2017 | 04/15/2031  |
| 915137-5R-0 University of Texas Syst-REVENUE BONDS   |            |                            |           | 1.A FE     | 2,283,720   | 97.7740     | 1,955,480       | 2,000,000    | 2,210,153    |                | (5,202)     | 0              | 0           | 4.794  | 4.095     | FA   | 36,221    | 95,880      | 02/06/2013 | 08/15/2046  |
| 91754R-PR-2 Utah State Board of Rege-REVENUE BONDS   |            |                            |           | 1.C FE     | 1,340,000   | . 105. 1700 | 1,051,700       | 1,000,000    | 1, 151, 565  |                | (21,312)    | 0              | 0           | 6.279  | 3.552     | A0   | 15,698    | 62,790      | 08/09/2012 | 04/01/2029  |
| 92778L-BK-5 Virginia Commonwealth Un-REVENUE BONDS   |            |                            |           | 1.D FE     | 1,000,000   | 98.7970     | 987,970         | 1,000,000    | 1,000,000    | 0              | 0           | 0              | 0           | 3.858  | 3.858     | JJ   | 19,290    |             | 01/30/2014 | 01/01/2024  |
| 927793-TC-3 VIRGINIA ST CMWLTH TRANSPRTN-BUILD AMER  | 1          |                            | 1         | 1.B FE     | 2,448,300   | . 102.1130  | 2,042,260       | 2,000,000    | 2,294,785    |                | (18,312)    | 0              | 0           | 5.350  | 3.842     | MN   | 13,672    | 107,000     | 04/11/2013 | 05/15/2035  |
| 928075-FT-2 Virginia Port Authority -REVENUE BONDS   |            |                            |           | 1.B FE     | 750,000     | 99.4290     | 745,718         | 750,000      | 750,000      | 0              | 0           | 0              | 0           | 3.220  | 3.220     | JJ   | 12,075    | 24, 150     | 01/11/2012 | 07/01/2023  |
| 92812U-Q3-5 Virginia Housing Develop-REVENUE BONDS   |            |                            |           | 1.A FE     |             | 95.8060     | 445,258         | 464,750      | 464,755      | 0              | 0           | 0              | 0           | 4.300  | 4.300     | MON  | 3,331     | 18,018      | 12/04/2013 | 12/25/2043  |
| 92812U-Q4-3 Virginia Housing Develop-REVENUE BONDS   |            |                            |           | 1.A FE     |             | 89.9500     | 449.654         | 499.893      | 499.893      | 0              | 0           | 0              | 0           | 3.500  | 3.500     | MON  | 2.916     | 16.021      | 11/21/2014 | 10/25/2037  |
| 92812U-Q6-8 Virginia Housing Develop-REVENUE BONDS   |            |                            |           | 1.A FE     | 609,525     |             | 544,379         | 609,525      | 609,408      |                | 5           | 0              | 0           | 3.100  | 3.101     | MON  | 3,149     | 17,287      | 05/25/2016 | 06/25/2041  |
| 92812U-Q7-6 Virginia Housing Develop-REVENUE BONDS   |            |                            |           | 1.A FE     | 452,676     |             | 397,210         | 452,676      | 452.676      | 0              | 0           | 0              | 0           | 2.950  | 2.950     | MON  | 223       | 13,383      | 10/22/2019 | 10/25/2049  |
| 92813T-EE-6 Virginia Housing Develop-REVENUE BONDS   |            |                            |           | 1.B FE     | 500,098     | 92.8010     | 464.096         | 500.098      | 499.851      |                | 9           | 0              | 0           | 3.250  | 3.253     | MON  | 2.709     | 14,799      | 03/11/2013 | 08/25/2042  |
| 92817S-D6-2 Virginia Public School A-REVENUE BONDS   |            |                            |           | 1.B FE     |             |             | 1.745.180       | 2.000.000    | 2.000.000    | 0              | 0           | 0              | 0           | 3.840  | 3.840     | .ID  | 3.413     |             | 10/12/2012 | 12/15/2034  |
| 92817S-TB-4 Virginia Public School A-REVENUE BONDS   |            |                            |           | 1.B FE     |             | . 101.7120  | 1,017,120       | 1,000,000    | 1.044.830    |                | (4.802)     | 0              | 0           | 5.512  | 4.799     | FΔ   |           | 55, 120     | 07/25/2013 | 08/01/2030  |
| 812643-HF-4 City of Seattle WA Munic-REVENUE BONDS   |            |                            |           | 1.0 FE     |             | 94.0300     | 1,880,600       | 2,000,000    | 1,988,593    |                | 1,548       | 0              | 0           | 3.500  | 3.600     | .ID  | 5,833     | 70,000      | 06/29/2012 | 06/01/2029  |
| 940093-R4-1 Washington State Univers-REVENUE BONDS   |            |                            | 1         | 1.E FE     | 2,238,239   |             | 1,773,129       | 1,730,000    | 1,880,439    |                | (77,662)    | 0              | ٥           | 5.990  | 1.351     | ۸۵   |           |             | 11/28/2012 | 10/01/2027  |
| 97712D-E5-1 Wisconsin Health & Educa-REVENUE BONDS   |            |                            | 2         | 1.D FE     |             | 92.6180     | 926, 180        | 1,730,000    | 985,749      |                | 667         |                |             | 3.500  | 3.620     | FA   |           |             | 12/20/2017 | 08/15/2038  |
| 0819999999. Subtotal - Bonds - U.S. Special          | Povenues   | loouer                     | Obligatio |            | 168,731,198 |             | 150,967,958     | 153,672,493  | 163,237,815  |                | (872.647)   |                | 0           | XXX    | XXX       | XXX  | 1.713.484 | 7,266,747   | XXX        | XXX         |
|  | Revenues . | - 155uei v                 | Obligatio |            |             |             |                 |              |              | 0              | . , ,       | 0              |             |        |           | MON  | 1,713,484 |             |            |             |
| 31383S-RS-1 Fannie Mae Pool-POOL #511797             |            |                            | 4         | 1.A        | 1,624       | . 104.9929  | 1,705           |              | 1,580        | 0              | (17)        | 0              | 0           | 6.000  |           | -    |           | 97          | 10/19/2001 | 05/01/2031  |
| 31406J-2L-6 Fannie Mae Pool-POOL #811779             |            |                            | 4         | 1.A        | 9,072       | . 102.9844  | 9, 191          |              | 6,180        | 0              | (350)       | 0              | 0           | 5.500  | 17.521    | MON  | 41        | 491         | 01/11/2005 | 01/01/2035  |
| 3140HN-LY-6 Fannie Mae Pool-POOL #BK8442             |            |                            | 4         | 1.A        | 4,039,726   | 78.3640     | 3,157,795       | 4,029,652    | 4,038,868    | 0              | 217         | 0              | 0           | 2.000  | 1.977     | -    | 6,716     |             | 03/04/2021 | 01/01/2051  |
| 3140K0-EL-8 Fannie Mae Pool-POOL #B04638             |            |                            | 4         | 1.A        | 672,712     |             | 584,885         | 671,558      | 672, 197     | 0              |             | 0              | 0           | 3.000  |           |      | 1,679     | 20, 147     | 11/07/2019 | 11/01/2049  |
| 3140QB-N5-3 Fannie Mae Pool-POOL #CA4011             |            |                            | 4         | 1.A        | 116, 198    | 90.0156     | 102,987         | 114,410      | 116,057      | 0              | 437         | 0              | 0           | 3.500  | 3.337     | MON  |           | 4,004       | 10/11/2019 | 08/01/2049  |
| 3140QC-DT-0 Fannie Mae Pool-POOL #CA4613             |            | · ···   ······             | 4         | 1.A        | 501, 142    | 89.8906     | 443,458         | 493,331      | 500,361      | 0              | 1,899       | 0              | 0           | 3.500  | 3.338     | MON  | 1,439     | 17,267      | 11/07/2019 | 11/01/2049  |
| 31418D-YR-7 Fannie Mae Pool-POOL #MA4319             |            | · ···   ······             | 4         | 1.A        | 8,776,489   | 78.2776     | 6,895,342       | 8,808,834    | 8,778,189    | 0              | 356         | 0              | 0           | 2.000  |           | MON  | 14,681    | 176, 177    | 03/24/2021 | 04/01/2051  |
| 3133N3-U9-3 Freddie Mac Pool-FREDDIE MAC POOL-FR RE  |            |                            | 4         | 1.A        | 523,441     | 90.8833     | 467,898         | 514,834      | 522,379      | 0              | 1,401       | 0              | 0           | 3.500  |           | MON  | 1,502     | 18,019      | 11/08/2019 | 11/01/2049  |
| 3133N3-X2-5 Freddie Mac Pool-FREDDIE MAC POOL-FR RE  |            |                            | 4         | 1.A        | 4,354,881   | 78.8281     |                 | 4,383,649    | 4,356,165    | 0              | 123         | 0              | 0           | 2.000  | 2.063     | -    | 7,306     | 87,664      | 04/09/2021 | 05/01/2051  |
| 3133N3-X3-3 Freddie Mac Pool-FREDDIE MAC POOL-FR RE  |            |                            | 4         | 1.A        | 2,250,329   | 81.6407     | 1,794,015       | 2, 197, 453  |              | 0              | 3,066       | 0              | 0           | 2.500  |           | MON  | 4,578     | 54,936      | 04/09/2021 | 05/01/2051  |
| 3133N3-XX-7 Freddie Mac Pool-FREDDIE MAC POOL-FR RE  |            |                            | 4         | 1.A        | 8,435,454   | 78.8713     | 6,716,118       | 8,515,284    |              | 0              | (384)       | 0              | 0           | 2.000  | 2.092     | MON  | 14, 192   | 170,306     | 03/24/2021 | 04/01/2051  |
| 0829999999. Subtotal - Bonds - U.S. Special          | Revenues - | <ul> <li>Reside</li> </ul> | ntial Mor | tgage-     |             |             |                 |              |              |                |             |                |             |        |           |      |           |             |            |             |
| Backed Securities                                    |            |                            |           |            | 29,681,068  | XXX         | 23,628,943      | 29,739,554   | 29,681,030   | 0              | 6,822       | 0              | 0           | XXX    | XXX       | XXX  | 52,476    | 629,701     | XXX        | XXX         |
| 0909999999. Total - U.S. Special Revenues I          | Bonds      |                            |           |            | 198,412,266 | XXX         | 174,596,901     | 183,412,047  | 192,918,845  | 0              | (865,825)   | 0              | 0           | XXX    | XXX       | XXX  | 1,765,960 | 7,896,448   | XXX        | XXX         |
| 03522A-AH-3 Anheuser-Busch Cos LLC /-SENIOR UNSECUR  | E          |                            | 1,2       | 2.C FE     | 4,548,960   | 94.2191     | 3,768,763       | 4,000,000    | 4,519,879    | 0              | (29,081)    | 0              | 0           | 4.700  | 3.420     | FA   | 78,333    | 94,000      | 02/09/2022 | 02/01/2036  |
| 04015K-AB-6 Ares Finance Co II LLC-SENIOR UNSECURED  |            |                            | 1,2       | 2.A FE     | 1,995,420   | 82.8443     | 1,656,885       | 2,000,000    |              | 0              | 412         | 0              | 0           | 3.250  | 3.277     | JD   | 2,889     | 65,000      | 06/10/2020 | 06/15/2030  |
| 07274N-AL-7 Bayer US Finance II LLC-SENIOR UNSECURE  | [          |                            | 1,2       | 2.B FE     | 992,710     | 94.0635     | 940,635         | 1,000,000    | 995,448      |                | 651         |                | 0           | 4.375  | 4.463     | JD   | 1,944     |             | 06/18/2018 | 12/15/2028  |
| 11134L-AH-2 Broadcom Corp / Broadcom-SENIOR UNSECURE |            |                            | 1,2       | 2.0 FE     | 1,412,728   | 94.7559     | 1,344,586       | 1,419,000    |              | 0              | 630         | 0              | 0           | 3.875  | 3.928     | JJ   | 25,355    | 54,986      | 01/11/2017 | 01/15/2027  |
| 14314D-AA-1 MULTIPLE GUARANTORS-SENIOR UNSECURED     |            |                            | 1.2       | 1.G FE     | 1,996,820   | 84.5440     | 1,690,879       | 2,000,000    | 1,997,737    |                | 284         |                | 0           | 3.500  | 3.518     | MS   | 19.833    | 70,000      | 09/05/2019 | 09/19/2029  |
| 166754-AW-1 Chevron Phillips Chemica-SENIOR UNSECUR  |            |                            | 1.2       | 1.G FE     | 1,999,840   | 99.7992     | 1,995,985       | 2,000,000    | 2.000.000    |                | 123         |                |             | 5. 125 |           | AO   |           |             | 03/24/2020 | 04/01/2025  |
| 18977W-2C-3 CNO Global Funding-SECURED               |            |                            | 1         | 1.G FE     | 8,997,558   |             |                 | 9,880,000    |              |                | 47.964      |                |             | 2.650  |           |      | 127,274   | 91,160      | 11/03/2022 | 01/06/2029  |
| 20 0 one or out of unding occorice                   |            |                            |           | P          |             |             |                 |              |              |                |             |                |             | 2.000  | 7.210     |      |           |             |            | , 00/ 2020  |

## **SCHEDULE D - PART 1**

|                            |  |         |      |      |           |             |             | Showing All Lor | ng-Term BOND: | S Owned Dece | mber 31 of  | Current Ye  | ar            |          |        |           |      |          |                  |             |             |
|----------------------------|--|---------|------|------|-----------|-------------|-------------|-----------------|---------------|--------------|-------------|-------------|---------------|----------|--------|-----------|------|----------|------------------|-------------|-------------|
| 1                          | 2  |         | Coc  | les  | 6         | 7           |             | Fair Value      | 10            | 11           | Change      | in Book/Adj | usted Carryin | g Value  |        |           | li   | nterest  |                  | Da          | tes         |
|                            |  | 3       | 4    | 5    |           |             | 8           | 9               |               |              | 12          | 13          | 14            | 15       | 16     | 17        | 18   | 19       | 20               | 21          | 22          |
|                            |  |         |      |      | NAIC      |             |             |                 |               |              |             |             |               |          |        |           |      |          |                  |             |             |
|                            |  |         |      |      | Desig-    |             |             |                 |               |              |             |             |               |          |        |           |      |          |                  |             |             |
|                            |  |         |      |      | nation,   |             |             |                 |               |              |             |             |               |          |        |           |      |          |                  |             |             |
|                            |  |         |      |      | NAIC      |             |             |                 |               |              |             |             |               | Total    |        |           |      |          |                  |             |             |
|                            |  |         |      |      | Desig-    |             |             |                 |               |              |             |             |               | Foreign  |        |           |      |          |                  |             |             |
|                            |  |         | F    |      | nation    |             |             |                 |               |              |             |             | Current       | Exchange |        |           |      |          |                  |             |             |
|                            |  |         | 0    |      | Modifier  |             |             |                 |               |              |             |             | Year's        | Change   |        |           |      |          |                  |             |             |
|                            |  |         | r    |      | and       |             | Rate        |                 |               |              |             | Current     | Other-        | in       |        |           |      |          |                  |             |             |
|                            |  | С       | e    |      | SVO       |             | Used to     | ,               |               | Book/        | Unrealized  | Year's      | Than-         | Book/    |        |           |      | Admitted |                  |             | Stated      |
|                            |  | 0       | i    |      | Admini-   |             | Obtain      |                 |               | Adjusted     | Valuation   | (Amor-      | Temporary     | Adjusted |        | Effective |      | Amount   | Amount           |             | Contractual |
| CUSIP                      |  | d       | g    | Bond | strative  | Actual      | Fair        | Fair            | Par           | Carrying     | Increase/   | tization)   | Impairment    | Carrying | Rate   | Rate      | When | Due and  | Received         |             | Maturity    |
| Identification             | Description                              | e       | n    | Char | Symbol    | Cost        | Value       | Value           | Value         | Value        | (Decrease)  | Accretion   | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year      | Acquired    | Date        |
|                            | Dell International LLC /-FIRST LIEN      |         | - '' | 1 0  | 2.B FE    |             | . 101. 1771 |                 | 1,000,000     | 999,747      | (Decircuse) | 79          | ntccognized   | v aluc   | 5.850  |           | JJ   |          | 58,500           | 04/03/2020  | 07/15/2025  |
|                            | Dell International LLC /-FIRST LIEN      |         |      | 1.2  | 2.B FE    |             | . 101. 1771 | 2,042,021       | 2,000,000     | 2,051,452    |             | (14,384)    |               |          | 6.020  | 5. 141    | JU   | 5,351    |                  | 11/15/2016  | 06/15/2026  |
|                            | Dell International LLC /-FIRST LIEN      |         |      | 1,2  | 2.B FE    |             |             | 1,027,937       | 1.000.000     |              |             |             |               |          | 6.100  | 6. 125    | JD   |          | · ·              | 04/03/2020  | 07/15/2027  |
| 36298G-AA-7                | GSPA Monetization Trust-SECURED          |         |      | 1,2  | 2.8 FE    |             |             | 1,027,937       | 1,000,000     | 998,996      |             | (1.374)     |               |          | 6.100  | 6.125     |      | 28, 128  | 61,000           | 08/25/2010  | 10/09/2029  |
| 36298G-AA-7<br>37959G-AA-5 | GIODAL ATLANTIC FIN CO-SENIOR UNSECURED  |         |      | 1.2  | 2.A FE    | 1,263,045   |             |                 |               | 1,246,999    |             | (1,3/4)     |               |          | 4.400  | 4.555     | MOIN |          |                  | 08/25/2010  | 10/09/2029  |
| 68217F-AA-0                | OMNICOM GROUP INC-SENIOR UNSECURED       |         |      | 1,2  | 2.8 FE    | 1,998,600   |             |                 | 2,000,000     | 1,981,943    | ^           |             |               |          | 3.600  |           | AO   |          | 72,000           | 03/28/2016  | 04/15/2029  |
| 722844-AA-5                | Pine Street Trust I-SENIOR UNSECURED     |         |      | 1,2  | 2.A FE    |             |             | 926,804         | 1,000,000     | 1,999,342    |             | 03          |               |          | 4.572  | 4.571     | AU   |          | 45,720           | 04/02/2019  | 02/15/2029  |
| 929160-AZ-2                | Vulcan Materials Co-SENIOR UNSECURED     |         |      | 1,2  | 2.8 FE    | 997,220     |             | 882,412         | 1,000,000     | 997,860      |             | 246         |               |          | 3.500  | 3.533     | ΓA   | 2,917    |                  | 05/07/2020  |             |
| 828730-AB-7                | Simmons First National C-SUBORDINATED    |         |      | 1,2  | 2.B FE    |             |             | 1.940.000       | 2.000,000     | 2.000.000    |             |             |               |          | 5.000  |           | An   | 2,917    |                  | 03/07/2020  | 06/01/2030  |
| 040555-CQ-5                | ARIZONA PUBLIC SERVICE-SR UNSECURED      |         |      | 1 0  | 1.G FE    | 2,997,240   |             |                 | 3,000,000     | 2,999,531    |             | 287         |               |          | 3.350  |           | JD   | 4.467    | 100,500          | 06/09/2014  | 06/15/2024  |
| 142339-AH-3                | Carlisle Cos Inc-SENIOR UNSECURED        |         |      | 1,2  | 2.B FE    | 1,992,020   |             |                 | 2,000,000     | 1,995,753    |             | 763         |               |          | 3.750  | 3.797     | JD   | 6.250    | 75,000           | 11/13/2017  | 12/01/2027  |
|                            | Carlisle Cos Inc-SENIOR UNSECURED        |         |      | 1 2  | 2.B FE    | 4,805,545   |             | 4,374,224       | 5,250,000     | 4,829,950    |             |             |               |          | 2.750  | 4.023     | NC   |          | 99,688           | 08/09/2022  | 03/01/2030  |
|                            | Fort Huachuca-YPG Commun-UNSECURED       |         |      | 1,2  | 2.B FE    | 902.132     |             |                 | 838.023       | 853.294      | 0           | (6.765)     |               |          | 8.000  | -         | .ID  | 2.980    | 67,042           | 10/19/2009  | 12/15/2026  |
|                            | HEALTHCARE TRUST OF AMER-SENTOR UNSECURE |         |      | 1.2  | 2.B FE    | 1,989,840   |             |                 | 2,000,000     | 1,995,004    | 0           | 1.000       | 0             | 0        | 3.750  |           | JJ   |          | 75,000           | 06/01/2017  | 07/01/2027  |
| 760759-AM-2                | Republic Services Inc-SENIOR UNSECURED   |         |      | 1.2  | 2.B FE    |             | . 100.0072  | 1,092,079       | 1,092,000     | 1,091,847    | 0           | 246         | 0             | 0        | 4.750  | 4.774     |      | 6,628    | 51,870           | 05/02/2011  | 05/15/2023  |
| 898813-AL-4                | Tucson Electric Power Co-SENIOR UNSECURE |         |      | 1    | 1.G FE    | 996,750     |             | 997,904         | 1,000,000     | 999.889      | 0           | 317         | 0             | 0        | 3.850  | 3.883     |      |          |                  | 09/11/2012  | 03/15/2023  |
| 00507V-AK-5                | Activision Blizzard Inc-SENIOR UNSECURED |         |      | 1 2  | 2.A FE    | 1,992,280   | 95.2349     | 1.904.698       | 2,000,000     | 1,996,847    | 0           | 767         | 0             | 0        | 3.400  | 3 445     | MS   |          |                  | 09/14/2016  | 09/15/2026  |
| 00724F-AC-5                | Adobe Inc-SENIOR UNSECURED               |         |      | 1.2  | 1.E FE    |             |             | 1,943,232       | 2,000,000     | 1.994.930    | 0           | 2.294       | 0             | 0        | 3.250  | 3.376     | FA   |          | 65,000           | 01/21/2015  | 02/01/2025  |
| 00846U-AN-1                | Agilent Technologies Inc-SENIOR UNSECURE |         |      | 1.2  | 2.A FE    | 1, 125, 408 |             | 971,902         | 1,200,000     | 1.131.306    | 0           | 5.898       | 0             | 0        | 2.300  | 3.096     | MS   | 8.357    | 27,600           | 03/04/2022  | 03/12/2031  |
| 00912X-BF-0                | Air Lease Corp-SENIOR UNSECURED          | l       |      | 1.2  | 2.B FE    | 987 . 180   |             | 937 . 433       | 1,000,000     | 991.983      | 0           | 1, 175      | 0             | 0        | 4.625  | 4.785     | AO   | 11.563   |                  | 09/10/2018  | 10/01/2028  |
| 015271-AR-0                | Alexandria Real Estate E-SENIOR UNSECURE |         |      | 1,2  | 2.A FE    | 3,714,655   | 87. 1711    | 3,268,917       | 3,750,000     | 3,717,430    | 0           | 2,509       | 0             | 0        | 3.375  | 3.492     | FA   | 47,813   | 80, 156          | 03/16/2022  | 08/15/2031  |
| 02666T-AA-5                | American Homes 4 Rent LP-SENIOR UNSECURE |         |      | 1,2  | 2.C FE    | 2,983,260   | 92.7228     | 2,781,685       | 3,000,000     | 2,990,631    | 0           | 1,580       | 0             | 0        | 4.250  | 4.318     | FA   | 48, 167  | 127,500          | 01/31/2018  | 02/15/2028  |
| 031162-BZ-2                | AMGEN INC-SENIOR UNSECURED               |         |      | 1,2  | 2.A FE    | 2,339,780   | 83.8347     | 1,676,693       | 2,000,000     | 2,322,008    | 0           | (9,873)     | 0             | 0        | 4.400  | 3.354     | MN   | 14,667   | 88,000           | 02/25/2021  | 05/01/2045  |
| 037833-AS-9                | APPLE INC-SR UNSECURED                   |         |      |      | 1.B FE    | 2,997,480   | 98.1784     |                 | 3,000,000     | 2,999,596    | 0           | 1           | 0             | 0        | 3.450  | 3.458     | MN   | (120)    | 617              | 04/29/2014  | 05/06/2024  |
| 037833-BY-5                | APPLE INC-SENIOR UNSECURED               |         |      | 1,2  | 1.B FE    | 1,995,600   | 96.0296     | 1,920,592       | 2,000,000     | 1,998,473    | 0           | 438         | 0             | 0        | 3.250  | 3.275     | FA   | 23,111   | 65,000           | 02/16/2016  | 02/23/2026  |
| 038222-AJ-4                | Applied Materials Inc-SENIOR UNSECURED   |         |      | 1,2  | 1.F FE    | 1,992,760   | 97.8822     | 1,957,645       | 2,000,000     | 1,997,747    | 0           | 729         | 0             | 0        | 3.900  | 3.942     | AO   | 19,500   | 78,000           | 09/21/2015  | 10/01/2025  |
| 04015C-AA-6                | ARES FINANCE CO LLC-UNSECURED NOTE       |         |      | 1,2  | 2.A FE    | 1,965,360   | 95.2804     | 1,905,609       | 2,000,000     | 1,992,777    | 0           | 3,797       | 0             | 0        | 4.000  | 4.211     | A0   | 18,444   | 80,000           | 10/01/2014  | 10/08/2024  |
| 052769-AE-6                | Autodesk Inc-SENIOR UNSECURED            |         |      | 1,2  | 2.A FE    | 1,987,440   |             | 1,868,764       | 2,000,000     | 1,993,876    | 0           | 1,242       | 0             | 0        | 3.500  | 3.575     |      | 3, 111   | 70,000           | 06/05/2017  | 06/15/2027  |
| 05367A-AH-6                | Aviation Capital Group L-SENIOR UNSECURE |         |      | 1,2  | 2.C FE    | 2,987,910   |             | 2,840,739       | 3,000,000     | 2,996,151    | 0           | 1,203       | 0             | 0        | 4.875  | 4.923     | A0   | 36,563   | 146,250          | 09/14/2015  | 10/01/2025  |
| 05369A-AD-3                | Aviation Capital Group L-SENIOR UNSECURE |         |      | 1,2  | 2.B FE    |             |             | 233, 132        | 250,000       | 248,622      | 0           | 491         | 0             | 0        | 4. 125 |           | FA   | 4,297    | 10,313           | 07/25/2018  | 08/01/2025  |
| 05580M-82-7                | B. Riley Financial Inc-SENIOR UNSECURED  |         |      |      | 2.A PL    | 1,000,000   | 22.1400     | 885,600         | 40,000        | 1,000,000    | 0           | 0           | 0             | 0        | 5.500  |           | MJSD | 373      | 55,000           | 03/25/2021  | 03/31/2026  |
|                            | Banc of California Inc-SENIOR UNSECURED  |         |      | 2    | 2.B FE    | 1,995,000   |             | 1,967,000       | 2,000,000     | 1,998,647    | 0           | 475         | 0             | 0        | 5.250  | 5.278     | AO   | 22, 167  | 105,000          | 03/31/2015  | 04/15/2025  |
|                            | Bio-Rad Laboratories Inc-SENIOR UNSECURE |         |      | 1,2  | 2.B FE    | 5,924,674   |             | 5,063,804       | 5,910,000     | 5,923,366    | 0           | (3, 173)    | 0             | 0        | 3.700  |           | MS   | 42,597   | 77,559           | 03/04/2022  | 03/15/2032  |
|                            | Broadcom Inc-SENIOR UNSECURED            |         |      | 1,2  | 2.C FE    |             | 94.8818     | 4,744,089       | 5,000,000     | 4,983,058    | 0           | 1,838       | 0             | 0        | 5.000  |           | AO   | 52,778   | 250,000          | 04/06/2020  | 04/15/2030  |
|                            | Broadcom Inc-SENIOR UNSECURED            |         |      | 1,2  | 2.C FE    | 1,598,502   |             | 1,255,184       | 1,581,000     | 1,596,540    | 0           | (1,145)     | 0             | 0        | 3.469  |           | A0   | 11,578   | 54,845           | 03/31/2021  | 04/15/2034  |
| 12505B-AD-2                | CBRE Services Inc-SENIOR UNSECURED       |         |      | 1,2  | 2.A FE    |             |             | 1,978,269       | 2,000,000     | 1,994,650    | 0           | 1,486       | 0             | 0        | 4.875  | 4.965     | MS   | 32,500   | 97,500           | 08/06/2015  | 03/01/2026  |
| 17275R-AD-4                | Cisco Systems Inc-NOTE                   |         |      | 1    | 1.D FE    | 5, 160, 876 |             | 3,877,557       | 3,594,000     | 5,033,419    | 0           | (69,814)    | 0             | 0        | 5.900  |           | FA   | 80, 106  | 212,046          | 02/23/2021  | 02/15/2039  |
| 17275R-BC-5                | Cisco Systems Inc/Delawa-SENIOR UNSECURE |         |      |      | 1.D FE    | 2,997,720   | 95.5272     | 2,865,817       | 3,000,000     | 2,999,223    | 0           | 210         | 0             | 0        | 2.950  | 2.958     | FA   | 30,238   |                  | 02/22/2016  | 02/28/2026  |
| 25389J-AR-7                | Digital Realty Trust LP-SENIOR UNSECURED | ··· ··· |      | 1,2  | 2.B FE    | 1,998,480   | 92.7403     | 1,854,806       | 2,000,000     | 1,999,265    | 0           | 131         | 0             | 0        | 3.700  | 3.708     |      | 27,956   | 74,000           | 08/02/2017  | 08/15/2027  |
|                            | Digital Realty Trust LP-SENIOR UNSECURED |         |      | 1,2  | 2.B FE    |             | 89.4002     | 894,002         | 1,000,000     | 998,796      | 0           | 162         | 0             | 0        | 3.600  |           | JJ   | 18,000   | 36,000           | 06/10/2019  | 07/01/2029  |
| 254010-AD-3                | Dignity Health-SECURED                   |         |      |      | 1.G FE    | 1,000,000   |             | 970,060         | 1,000,000     | 1,000,000    | J0          | 0           | 0             | 0        | 3.812  | 3.811     |      | 6,353    |                  | 10/07/2014  | 11/01/2024  |
|                            | Walt Disney Co/The-SENIOR UNSECURED      | ··· ··· |      | 1,2  | 2.A FE    | 1,024,660   |             | 970,657         | 1,000,000     | 1,010,527    | 0           | (3,914)     | 0             | 0        | 3.700  | 3.264     |      | 7,811    |                  | 10/14/2015  | 10/15/2025  |
|                            | Walt Disney Co/The-SENIOR UNSECURED      | ··· ··· |      | 1,2  | 2.A FE    | 1,249,030   | 92.2911     | 922,911         | 1,000,000     | 1,236,414    | 0           | (7,688)     | 0             | 0        | 4.750  | 3.205     |      |          |                  | 04/29/2021  | 09/15/2044  |
|                            | Walt Disney Co/The-SENIOR UNSECURED      | ···     |      |      | 1.G FE    |             |             |                 | 2,000,000     |              | 0           | 284         | 0             | 0        | 3.700  | 3.717     | MS   |          | 74,000<br>76,000 | 03/19/2020  | 03/23/2027  |
| ∠34087-FU-4                | Walt Disney Co/The-SENIOR UNSECURED      | ļ       |      |      | p. 1.6 ft |             | 93. 1023    | 1,863,245       | 2,000,000     |              | J0          | 493         | 10            | 0        | ა.800  | 3.833     | 6m   | 20,900   | /6,000           | 03/ 19/2020 | 03/22/2030  |

## **SCHEDULE D - PART 1**

|                            |  |             |            |      |          |                                 | Showing All Lo | ng-Term BOND | S Owned Dece | mber 31 of | Current Yea    | ar         |          |       |           |      |          |             |            |             |
|----------------------------|--|-------------|------------|------|----------|---------------------------------|----------------|--------------|--------------|------------|----------------|------------|----------|-------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2  |             | Cod        | es   | 6        | 7                               | Fair Value     | 10           | 11           |            | e in Book/Adju |            | g Value  |       |           | I    | Interest |             | Da         | tes         |
|                            |  | 3           | 4          | 5    | Ī        | 8                               | 9              |              |              | 12         | 13             | 14         | 15       | 16    | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |  |             |            |      | NAIC     |                                 |                |              |              |            |                |            |          |       |           |      |          |             |            |             |
|                            |  |             |            |      | Desig-   |                                 |                |              |              |            |                |            |          |       |           |      |          |             |            |             |
|                            |  |             |            |      | nation,  |                                 |                |              |              |            |                |            |          |       |           |      |          |             |            |             |
|                            |  |             |            |      | NAIC     |                                 |                |              |              |            |                |            | Total    |       |           |      |          |             |            |             |
|                            |  |             |            |      | Desig-   |                                 |                |              |              |            |                |            | Foreign  |       |           |      |          |             |            |             |
|                            |  |             | F          |      | nation   |                                 |                |              |              |            |                | Current    | Exchange |       |           |      |          |             |            |             |
|                            |  |             | 0          |      | Modifier |                                 |                |              |              |            |                | Year's     | Change   |       |           |      |          |             |            |             |
|                            |  |             | r          |      | and      | Rat                             |                |              |              |            | Current        | Other-     | in       |       |           |      |          |             |            |             |
|                            |  | С           | е          |      | SVO      | Used                            | * *            |              | Book/        | Unrealized | Year's         | Than-      | Book/    |       |           |      | Admitted |             |            | Stated      |
|                            |  | 0           | i          |      | Admini-  | Obta                            |                | _            | Adjusted     | Valuation  | (Amor-         | Temporary  | Adjusted |       | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d           | g          | Bond | strative | Actual Fai                      |                | Par          | Carrying     | Increase/  | tization)      | Impairment | Carrying | Rate  | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification             | Description                              | е           | n          | Char | Symbol   | Cost Valu                       |                | Value        | Value        | (Decrease) |                | Recognized | Value    | of    | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 254687-FR-2                | Walt Disney Co/The-SENIOR UNSECURED      |             | -          | 1,2  | 1.G FE   | 1,233,01093.60                  |                |              | 1,215,141    | 0          | (9,795)        | 0          | 0        | 4.625 |           | MS   | 12,590   | 46,250      | 02/24/2021 | 03/23/2040  |
| 278642-AL-7                | eBay Inc-SENIOR UNSECURED                |             | -          | 1,2  | 2.A FE   | 2,996,97097.43                  |                | 3,000,000    | 2,999,447    | 0          | 297            | 0          | 0        | 3.450 | 3.461     | FA   | 43, 125  | 103,500     | 07/23/2014 | 08/01/2024  |
| 278642-AU-7                | eBay Inc-SENIOR UNSECURED                |             |            | 1,2  | 2.A FE   |                                 |                | 1,000,000    | 999,602      | 0          | 77             | 0          | 0        | 3.600 | 3.609     | JD   | 2,600    | 36,000      | 05/30/2017 | 06/05/2027  |
| 285512-AD-1                | Electronic Arts Inc-SENIOR UNSECURED     | ·           |            | 1,2  | 2.A FE   | 3,986,76099.60                  |                | 4,000,000    | 3,995,202    | 0          | 1,297          | ļ0         | 0        | 4.800 | 4.839     | MS   | 64,000   | 192,000     | 02/17/2016 | 03/01/2026  |
| 29717P-AY-3                | Essex Portfolio LP-SENIOR UNSECURED      | ·           |            | 1,2  | 2.A FE   | 4,009,75083.03                  |                | 5,000,000    |              | 0          | 23,381         | 0          | 0        | 1.700 | 6.122     | MS   |          | 57.000      | 11/04/2022 | 03/01/2028  |
| 354613-AK-7<br>375558-AX-1 | Franklin Resources Inc-SENIOR UNSECURED  | ·           | .          | 1.0  | 1.F FE   | 1,996,54095.33<br>2,418,44092.2 |                | 2,000,000    |              |            | (12.889)       | 0          | 0        | 2.850 | 3.454     | M9   | 14,408   |             | 03/25/2015 | 03/30/2025  |
| 375558-BM-4                | GILEAD SCIENCES INC-SK UNSECURED         | ·           |            | 1,2  | 2.A FE   | 2,418,44092.2                   |                | 3,000,000    |              |            | (12,889)       |            | 0        |       |           | MS   | 24,000   |             | 11/15/2016 | 03/01/2027  |
| 375558-BN-4                | Gilead Sciences Inc-SENIOR UNSECURED     | ·   · · · · |            | 1.2  | 2.A FE   |                                 |                | 2.000,000    |              |            | 3 118          |            | 0<br>n   | 2.950 | 2.864     | MO   |          |             | 02/19/2021 | 10/01/2027  |
| 40414L-AM-1                | Healthpeak Properties In-SENIOR UNSECURE | .           |            | 1.2  | 2.A FE   |                                 |                |              | 182,647      |            | 159            | 0          |          | 3.400 | 3.496     | FΔ   | 2,593    | 6,222       | 01/13/2015 | 02/01/2025  |
| 44409M-AA-4                | Hudson Pacific Propertie-SENIOR UNSECURE |             |            | 1.2  | 2.0 FE   | 1,996,30085.00                  |                | 2.000.000    | 1.998.117    |            | 331            | 0          |          | 3.950 | 3.430     | MN   | 13.167   | 79,000      | 09/25/2017 | 11/01/2027  |
| 44891A-BB-2                | Hyundai Capital America-SENIOR UNSECURED |             |            | 1,2  | 2.A FE   | 1,999,90096.29                  |                | 2,000,000    | 1,999,961    | 0          | 15             | 0          | 0        |       | 3.401     | .ID  | 2,078    | 68,000      | 06/17/2019 | 06/20/2024  |
| 44891A-BJ-5                | Hyundai Capital America-SENIOR UNSECURED | · [         | 1          |      | 2.A FE   |                                 |                | 2.000.000    | 1.999.622    | 0          | 634            | 0          | 0        | 5.750 |           | AO   | 27 . 153 | 115,000     | 04/02/2020 | 04/06/2023  |
| 44891A-BK-2                | Hyundai Capital America-SENIOR UNSECURED |             |            | 1.2  | 2.A FE   | 1,998,380 . 100.3               |                | ' '          | 1,999,146    | 0          | 257            | 0          | 0        | 5.875 | 5.890     | AO   | 27,417   | 117.500     | 04/02/2020 | 04/07/2025  |
| 44891A-CA-3                | Hyundai Capital America-SENIOR UNSECURED | . l         | .          | 1,2  | 2.A FE   | 1,928,52582.24                  |                | 2,500,000    | 1,940,271    | 0          | 11.746         | 0          | 0        | 2.100 | 6.915     |      | 15,458   | 0           | 11/04/2022 | 09/15/2028  |
| 458140-BQ-2                | Intel Corp-SENIOR UNSECURED              |             | .          | 1,2  | 1.E FE   |                                 |                | 2,000,000    | 1,997,506    | 0          | 515            | 0          | 0        | 3.750 | 3.781     |      | 20,000   | 75,000      | 03/20/2020 | 03/25/2027  |
| 458140-BR-0                | Intel Corp-SENIOR UNSECURED              |             | .          | 1,2  | 1.E FE   | 1,995,90093.9                   | 28             | 2,000,000    | 1,996,871    | 0          | 356            | 0          | 0        | 3.900 | 3.924     | MS   | 20,800   | 78,000      | 03/20/2020 | 03/25/2030  |
| 482480-AE-0                | KLA Corp-SENIOR UNSECURED                |             | .          | 1,2  | 1.G FE   |                                 | 95289,332      | 290,000      | 289,839      | 0          | 73             | 0          | 0        | 4.650 | 4.679     | MN   | 2,248    | 13,485      | 10/30/2014 | 11/01/2024  |
| 49338L-AB-9                | Keysight Technologies In-SENIOR UNSECURE |             |            | 1,2  | 2.B FE   | 2,998,98098.5                   | 13             | 3,000,000    | 2,999,792    | 0          | 19             | 0          | 0        | 4.550 | 4.551     | AO   | 23, 129  | 136,500     | 10/06/2014 | 10/30/2024  |
| 512807-AN-8                | LAM RESEARCH CORP-SR UNSECURED           |             |            | 1,2  | 1.G FE   | 999,58097.86                    |                | 1,000,000    | 999,898      | 0          | 25             | 0          | 0        | 3.800 | 3.803     | MS   | 11, 189  |             | 03/05/2015 | 03/15/2025  |
| 57772K-AD-3                | Maxim Integrated Product-SENIOR UNSECURE | .           | .          | 1,2  | 1.F Z    | 1,998,48090.64                  |                | 2,000,000    | 1,999,265    | 0          | 145            | 0          | 0        | 3.450 | 3.459     | JD   | 3,067    | 69,000      | 06/08/2017 | 06/15/2027  |
| 589400-AB-6                | Mercury General Corp-SENIOR UNSECURED    |             |            | 1,2  | 2.B FE   | 4,992,35093.67                  |                | 5,000,000    | 4,996,515    | 0          | 677            | 0          | 0        | 4.400 | 4.417     |      | 64,778   | 220,000     | 03/01/2017 | 03/15/2027  |
| 69478X-AD-7                | Pacific Premier Bancorp -SUBORDINATED    |             | .          | 2    | 2.B FE   |                                 |                | 2,000,000    | 2,000,000    | 0          | 0              | 0          | 0        | 4.875 |           | MN   | 12,458   | 97,500      | 05/03/2019 | 05/15/2029  |
| 74340X-BX-8                | Prologis LP-SENIOR UNSECURED             |             | -          | 1,2  | 1.G FE   |                                 |                | 1,000,000    | 993,379      | 0          | 212            | 0          | 0        | 4.000 | 4. 130    | MS   | 11,778   | 0           | 10/06/2022 | 09/15/2028  |
| 747525-AF-0                | QUALCOMM Inc-SR UNSECURED                |             | -          | 1,2  | 1.F FE   | 2,391,36097.43                  |                | 2,400,000    | 2,397,665    | 0          | 898            | 0          | 0        | 3.450 | 3.492     | MN   | 9,430    | 82,800      | 05/13/2015 | 05/20/2025  |
| 778296-AD-5                | Ross Stores Inc-SENIOR UNSECURED         | .           | -          | 1,2  | 2.A FE   | 2,984,40094.60                  |                | 3,000,000    | 2,987,956    | 0          | 1,324          | 0          | 0        | 4.800 | 4.865     | AO   |          | 144,000     | 04/02/2020 | 04/15/2030  |
| 84610W-AB-1                | LifeStorage LP/CA-SENIOR UNSECURED       | .           |            | 1,2  | 2.B FE   | 2,983,41093.73                  |                | 3,000,000    |              | 0          | 1,702          | 0          | 0        | 3.500 | 3.566     | JJ   | 52,500   | 105,000     | 06/13/2016 | 07/01/2026  |
| 928563-AC-9<br>928563-AE-5 | VMware Inc-SENIOR UNSECURED              | .           |            | 1,2  | 2.C FE   | 1,993,28093.3                   |                | 2,000,000    |              |            | 643            | 0          | 0        | 3.900 | 3.940     | MN   |          |             | 08/16/2017 | 08/21/2027  |
| 928563-AE-5<br>92928Q-AF-5 | WEA Finance LLC-SENIOR UNSECURED         |             |            | 1.2  | 2.0 FE   |                                 | , . ,          | 2,000,000    |              |            | 6.421          |            | 0<br>n   | 3.500 | 4.035     | .ID  | 3.111    |             | 04/02/2020 | 05/15/2027  |
| 94974B-FY-1                | Wells Fargo & Co-SUBORDINATED            |             |            | 1,2  | 2.B FE   | 2,297,63196.80                  |                | 2.300.000    | 2.299.218    | 0          | 192            | 0          | 0        | 4.100 | 4. 110    | ID   | 7.334    | 94,300      | 05/27/2014 | 06/03/2026  |
| 94974B-GL-8                | Wells Fargo & Co-SR UNSECURED            |             |            |      | 2.B FE   | 4,116,22096.1                   |                | 4.000.000    | 4.056.180    | 0          | (11.056)       | 0          | 0        | 4.300 | 3.960     | .I.I | 75,967   |             | 01/17/2017 | 07/22/2027  |
| 042735-BF-6                | ARROW ELECTRONICS INC-SENIOR UNSECURED   |             |            | 1.2  | 2.0 FE   | 1,991,50091.00                  |                | 2,000,000    | 1,995,574    | 0          | 778            | 0          | 0        | 3.875 |           | .1.1 |          | 77,500      | 06/01/2017 | 01/12/2028  |
| 60871R-AD-2                | MOLSON COORS BREWING CO-SENIOR UNSECURED |             |            | 1    | 2.0 FE   | 2,349,66088.6                   |                | 2.000.000    | 2.329.226    | 0          | (11.378)       | 0          | 0        | 5.000 | 3.791     | MN   | 16.667   | 100,000     | 02/25/2021 | 05/01/2042  |
| 90265E-AV-2                | UDR Inc-SENIOR UNSECURED                 |             |            | 1,2  | 2.A FE   |                                 |                | 2,500,000    | 2,264,028    | 0          | 15.353         | 0          | 0        | 2.100 | 3.167     | JD   | 2,333    | 52,500      | 03/04/2022 | 06/15/2033  |
| 032095-AJ-0                | Amphenol Corp-SENIOR UNSECURED           |             | .          | 1,2  | 1.G FE   | 1,998,40085.6                   |                | 2,000,000    | 1,998,838    | 0          | 141            | 0          | 0        | 2.800 | 2.809     | FA   |          | 56,000      | 09/04/2019 | 02/15/2030  |
| 05351W-AB-9                | Avangrid Inc-SENIOR UNSECURED            | .           |            | 1,2  | 2.B FE   |                                 |                | 1,000,000    | 999,038      | 0          | 127            | 0          | 0        | 3.800 |           | JD   | 3,167    |             | 05/14/2019 | 06/01/2029  |
| 125523-AH-3                | Cigna Corp-SENIOR UNSECURED              | .           |            | 1,2  | 2.A FE   | 1,997,34096.46                  |                | 2,000,000    | 1,998,533    | 0          | 201            | 0          | 0        | 4.375 | 4.388     | A0   |          | 87,500      | 09/06/2018 | 10/15/2028  |
| 125523-BZ-2                | Cigna Corp-SENIOR UNSECURED              | .           |            | 1,2  | 2.A FE   | 2,984,01098.54                  | 65             | 3,000,000    | 2,994,365    | 0          | 1,581          | 0          | 0        | 4.500 | 4.563     | FA   | 47,250   | 135,000     | 02/22/2016 | 02/25/2026  |
| 125523-CB-4                | Cigna Corp-SENIOR UNSECURED              | .           |            | 1,2  | 2.A FE   | 999,59093.86                    | 64938,664      | 1,000,000    | 999,854      | 0          | 25             | 0          | 0        | 3.400 | 3.403     | MS   | 11,333   | 34,000      | 06/29/2016 | 03/01/2027  |
| 36166N-AJ-2                | GE Capital Funding LLC-SENIOR UNSECURED  | .           |            | 1,2  | 2.A FE   | 1,000,00092.22                  |                | 1,000,000    | 1,000,000    | 0          | 0              | 0          | 0        | 4.400 | 4.399     | MN   | 5,622    | 44,000      | 05/06/2020 | 05/15/2030  |
| 443510-AG-7                | Hubbell Inc-SENIOR UNSECURED             |             |            | 1,2  | 2.A FE   | 2,977,32095.00                  |                | 3,000,000    | 2,991,994    | 0          | 2,326          | 0          | 0        | 3.350 | 3.439     |      | 33,500   | 100,500     | 02/23/2016 | 03/01/2026  |
| 741503-AZ-9                | Booking Holdings Inc-SENIOR UNSECURED    | .           |            | 1,2  | 1.G FE   | 2,994,21095.94                  |                | 3,000,000    | 2,997,813    | 0          | 573            | 0          | 0        | 3.600 | 3.622     |      | 9,000    | 108,000     | 05/18/2016 | 06/01/2026  |
| 741503-BC-9                | PRICELINE GROUP INC/THE-SENIOR UNSECURED | .           | .          | 1,2  | 1.G FE   | 1,998,36093.16                  |                | 2,000,000    | 1,999,185    | 0          | 127            | 0          | 0        | 3.550 | 3.558     |      | 20,906   | 71,000      | 08/10/2017 | 03/15/2028  |
| 87165B-AD-5                | SYNCHRONY FINANCIAL-SENIOR UNSECURED     | .           | <u>.  </u> | 1,2  | 2.C FE   | 998,06097.79                    | 44977,944      | 1,000,000    | 999,627      | 0          | 194            | 0          | 0        | 4.250 | 4.271     | FA   | 16,056   | 42,500      | 08/06/2014 | 08/15/2024  |

## **SCHEDULE D - PART 1**

|                            |  |   |     |      |          |             |                      | Showing All Lo                          | ng-Term BOND | S Owned Dece           | mber 31 of | Current Ye    | ar            |          |        |           |      |          |             |            |             |
|----------------------------|--|---|-----|------|----------|-------------|----------------------|---|--------------|------------------------|------------|---------------|---------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2  |   | Cod | les  | 6        | 7           | -                    | air Value                               | 10           | 11                     | Change     | e in Book/Adj | usted Carryin | g Value  |        |           | I    | nterest  |             | Da         | tes         |
|                            |  | 3 | 4   | 5    |          |             | 8                    | 9                                       |              |                        | 12         | 13            | 14            | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |  |   |     |      | NAIC     |             |                      |   |              |                        |            |               |               |          |        |           |      |          |             |            |             |
|                            |  |   |     |      | Desig-   |             |                      |   |              |                        |            |               |               |          |        |           |      |          |             |            |             |
|                            |  |   |     |      | nation,  |             |                      |   |              |                        |            |               |               |          |        |           |      |          |             |            |             |
|                            |  |   |     |      | NAIC     |             |                      |   |              |                        |            |               |               | Total    |        |           |      |          |             |            |             |
|                            |  |   |     |      | Desig-   |             |                      |   |              |                        |            |               |               | Foreign  |        |           |      |          |             |            |             |
|                            |  |   | F   |      | nation   |             |                      |   |              |                        |            |               | Current       | Exchange |        |           |      |          |             |            |             |
|                            |  |   | 0   |      | Modifier |             |                      |   |              |                        |            |               | Year's        | Change   |        |           |      |          |             |            |             |
|                            |  |   | r   |      | and      |             | Rate                 |   |              |                        |            | Current       | Other-        | in       |        |           |      |          |             |            |             |
|                            |  | С | е   |      | SVO      |             | Used to              |   |              | Book/                  | Unrealized | Year's        | Than-         | Book/    |        |           |      | Admitted |             |            | Stated      |
|                            |  | 0 | i   |      | Admini-  |             | Obtain               |   |              | Adjusted               | Valuation  | (Amor-        | Temporary     | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d | g   | Bond | strative | Actual      | Fair                 | Fair                                    | Par          | Carrying               | Increase/  | tization)     | Impairment    | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification             | Description                              | е | n   | Char | Symbol   | Cost        | Value                | Value                                   | Value        | Value                  | (Decrease) | Accretion     | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 93884P-CQ-1                | Washington Gas Light Co-SENIOR UNSECURED |   |     |      | 1.G FE   | 1,677,675   |                      | 1,561,851                               | 1,500,000    | 1,555,054              | 0          | (9,911)       | 0             | 0        |        |           | MS   | 28,664   | 97,350      | 01/21/2003 | 09/27/2027  |
| 00164T-AA-6                | AMC East Communities LLC-SECURED         |   |     |      | 1.F FE   | 1,027,012   |                      | 987,381                                 | 981,284      | 1,001,109              | 0          | (3,357)       | 0             | 0        |        | 5.278     | JJ   | 25,972   | 56,326      | 07/22/2010 | 01/15/2028  |
| 008513-AB-9                | Agree LP-SENIOR UNSECURED                | . |     | 1,2  | 2.B FE   | 3,880,433   |                      | 3,987,799                               | 4,871,000    | 3,902,317              | 0          | 21,883        | 0             | 0        | 2.000  | 6.372     | JD   | 4,330    | 48,710      | 11/04/2022 | 06/15/2028  |
| 09256B-AD-9                | Blackstone Holdings Fina-SENIOR UNSECURE |   |     |      | 1.E FE   | 3, 124, 710 |                      | 2,998,817                               | 3,000,000    | 3,001,884              | 0          | (16, 151)     | 0             | 0        |        | 4. 192    | FA   | 53,833   | 142,500     | 12/12/2013 | 02/15/2023  |
| 09256B-AJ-6                | Blackstone Holdings Fina-SENIOR UNSECURE |   |     | 1,2  | 1.E FE   | 995,920     |                      | 909,223                                 | 1,000,000    | 997,913                | 0          | 395           | 0             | 0        | 3. 150 | 3. 197    | AO   | 7,788    | 31,500      | 09/25/2017 | 10/02/2027  |
| 09256B-AL-1                | Blackstone Holdings Fina-SENIOR UNSECURE |   |     | 1,2  | 1.E FE   |             |                      |   | 2,000,000    | 1,982,024              | 0          | 2,299         | 0             | 0        | 2.500  | 2.641     | JJ   | 23,750   | 50,000      | 09/03/2019 | 01/10/2030  |
| 212168-AA-6                | Continental Wind LLC-FIRST LIEN          | . |     |      | 2.B FE   |             | 2 . 100 . 4010       |   | 1,117,612    | 1,117,612              | 0          | 0             | 0             | 0        | 6.000  | 5.999     | FA   | 22,539   | 67,057      | 09/23/2013 | 02/28/2033  |
| 25466A-AJ-0                | Discover Bank-SENIOR UNSECURED           |   |     | 2    | 2.B FE   |             | 92.2040              | 922,040                                 | 1,000,000    | 999,573                | 0          | 106           | 0             | 0        |        | 3.462     |      | 14,758   | 34,500      | 07/21/2016 | 07/27/2026  |
| 25466A-AP-6                | Discover Bank-SENIOR UNSECURED           |   |     | 2    | 2.B FE   |             | 93.9131              | 1,878,262                               | 2,000,000    | 1,998,190              | 0          | 252           | 0             | 0        | 4.650  |           | MS   | 27,900   | 93,000      | 09/10/2018 | 09/13/2028  |
| 26078J-AD-2                | DowDuPont Inc-SENIOR UNSECURED           |   |     | 1,2  | 2.A FE   | 2,000,000   |                      |   | 2,000,000    | 2,000,009<br>2.566.676 | 0          | (17)          | 0             | 0        | 4.725  | 4.724     | MN   | 12,075   | 94,500      | 11/14/2018 | 11/15/2028  |
| 26078J-AE-0                | DowDuPont Inc-SENIOR UNSECURED           |   |     | 1,2  | 2.A FE   |             | 97.1328              | , | , ,          | , , ,                  |            | (28,634)      |               |          | 5.319  | 3.004     | MN   | .,       |             | 02/19/2021 | 11/15/2038  |
| 33829T-AA-4<br>36143L-2H-7 | FIVE CORNERS FUNDING TRS-UNSECURED NOTE  |   |     | 1    | 1.G FE   |             | )99.6709<br>)78.8302 |   | 3,000,000    | 2,998,860<br>3.812.770 | 0          | 1, 102        | 0             | 0        | 4.419  | 4.458     | MN   |          |             | 12/10/2013 | 11/15/2023  |
| 391382-AB-4                | GREAT-WEST LIFECO FINANC-SENIOR UNSECURE | . |     | 1.2  | 1.F FE   |             | )78.8302             |   |              |                        |            |               |               | 0        | 4. 150 | 4. 196    | JJ   |          |             | 03/04/2022 | 01/06/2032  |
| 46849L-SQ-5                | Jackson National Life GI-SECURED         |   |     | 1,2  | 1.F FE   | 4,979,050   |                      |   | 5,000,000    |                        |            | 2.116         |               | 0        | 3.050  | 1         | AO   |          |             | 03/23/2017 | 04/29/2026  |
| 46849L-TL-5                | Jackson National Life GI-SECURED         | . |     |      | 1.F FE   |             | )85.9124             |   | 2,000,000    |                        |            |               |               | 0        |        | 3.098     |      |          |             | 04/25/2016 | 06/21/2029  |
| 48252A-AA-9                | KKR Group Finance Co VI -SENIOR UNSECURE |   |     | 1.2  | 1 F FF   | 1,992,220   |                      | 1,718,247                               | 2,000,000    | 1,996,202              |            | 761           |               |          | 3.750  | 3.800     | JD   |          | 75,000      | 04/14/2020 | 07/01/2029  |
| 573874-AN-4                | Marvell Technology Inc-SENIOR UNSECURED  |   |     | 1.2  | 2.0 FE   |             | )95.2921             |   | 3,000,000    | 2.999.739              | ٥          | 34            |               | 0        | 4.875  | 4.877     | JJ   | 3,500    |             | 06/20/2018 | 06/22/2028  |
| 59217G-BY-4                | Metropolitan Life Global-SECURED         |   |     | 1,2  | 1.D FE   | 1,998,660   |                      |   | 2,000,000    |                        |            |               |               | 0        | 3.450  | 3.458     | JD   | 2,492    |             | 12/12/2016 | 12/18/2026  |
| 62854A-AN-4                | MYLAN NV-SENIOR UNSECURED                |   |     | 1,2  | 2.0 FE   |             | )93.4643             |   | 3.000.000    |                        |            | 2.369         |               | 0        |        | 4.043     | JD   | 5.267    | 118,500     | 05/31/2016 | 06/15/2026  |
| 74256L-BG-3                | Principal Life Global Fn-SECURED         |   |     | 1,2  | 1.E FE   |             | 84. 1519             | 841.519                                 | 1,000,000    | 995,283                | 0          | 634           | 0             | 0        | 2.500  | 2.577     |      | 7,292    | 25,000      | 09/09/2019 | 09/16/2029  |
| 05329W-AM-4                | AUTONATION INC-SR UNSECURED              | . |     | 1.5  | 2.C FE   |             | 097.1003             | 2.913.009                               | 3.000.000    | 2.996.813              | 0          | 1.002         | 0             | 0        | 4.500  | 4.539     |      |          |             | 09/16/2015 | 10/01/2025  |
| 06652K-AA-1                | BankUnited Inc-SENIOR UNSECURED          |   |     | 1.2  | 2.B FE   | 4,951,300   |                      | 4.934.989                               | 5,000,000    | 4,983,504              | 0          | 5.118         | 0             | 0        |        |           | MN   |          | 243,750     | 11/12/2015 | 11/17/2025  |
| 066836-AB-3                | Baptist Health South Flo-FIRST LIEN      |   |     |      | 1.E FE   |             | 85.4728              | 1.709.455                               | 2.000.000    | 2,000,000              | 0          | 8             | 0             | 0        |        |           | MN   | 11.096   |             | 01/10/2017 | 11/15/2041  |
| 29977G-AB-8                | TIAA FSB Holdings Inc-SUBORDINATED       |   |     |      | 2.B FE   |             | . 100.0000           | 1.000.000                               | 1.000.000    | 1.000.000              | 0          | 0             | 0             | 0        | 9.473  | 9.471     | MJSD | 4.473    | 63,308      | 03/09/2016 | 03/15/2026  |
| 31620R-AH-8                | Fidelity National Financ-SENIOR UNSECURE |   |     | 1,2  | 2.B FE   |             | 94.8269              | 1,896,537                               | 2,000,000    | 1,990,894              | 0          | 1.376         | 0             | 0        | 4.500  | 4.592     | FA   | 34,000   | 90,000      | 08/08/2018 | 08/15/2028  |
| 402740-AD-6                | Gulfstream Natural Gas S-SENIOR UNSECURE |   |     | 1,2  | 2.B FE   |             | 96.7251              | 1,934,501                               | 2,000,000    |                        | 0          |               | 0             | 0        |        |           | MS   |          | 92,000      | 09/21/2015 | 09/15/2025  |
| 413875-AN-5                | HARRIS CORPORATION-SENIOR UNSECURED NOTE | . |     |      | 2.B FE   | 7,692,804   |                      | 5,472,408                               | 5,340,000    | 7,580,108              | 0          | (92, 147)     | 0             | 0        |        | 3.089     | JD   | 14,596   | 328,410     | 10/06/2021 | 12/15/2040  |
| 637417-AH-9                | National Retail Properti-SENIOR UNSECURE | . |     | 1,2  | 2.A FE   |             | 96.4193              | 964, 193                                | 1,000,000    | 999,228                | 0          | 237           | 0             | 0        | 4.000  | 4.027     |      | 5,111    | 40,000      | 10/14/2015 | 11/15/2025  |
| 667469-AA-8                | NORTHWEST FLORIDA TIMBER-SECURED         |   |     |      | 1.E FE   |             | 89.3645              | 4,468,226                               | 5,000,000    | 4,964,219              | 0          | 4,817         | 0             | 0        | 4.750  | 4.885     | MS   |          | 237,500     | 04/03/2014 | 03/04/2029  |
| 776743-AG-1                | Roper Technologies Inc-SENIOR UNSECURED  |   |     | 1,2  | 2.A FE   |             | 86.9439              | 869,439                                 | 1,000,000    | 998,488                | 0          | 197           | 0             | 0        | 2.950  | 2.975     | MS   | 8,686    | 29,500      | 08/20/2019 | 09/15/2029  |
| 78355H-KQ-1                | Ryder System Inc-SENIOR UNSECURED        |   |     | 1,2  | 2.B FE   | 4,999,050   | 98.0804              | 4,904,020                               | 5,000,000    | 4,999,725              | 0          | 35            | 0             | 0        | 4.625  | 4.626     | JD   | 19,271   | 231,250     | 04/02/2020 | 06/01/2025  |
| 98310W-AM-0                | Travel + Leisure Co-FIRST LIEN           |   |     | 1,2  | 3.C FE   | 2,597,160   | 98.4025              | 2,460,063                               | 2,500,000    | 2,532,815              | 0          | (11,899)      | 0             | 0        | 6.600  | 5.649     | AO   | 24,750   | 99,000      | 11/10/2016 | 10/01/2025  |
| 98310W-AN-8                | Travel + Leisure Co-FIRST LIEN           |   |     | 1,2  | 3.C FE   |             | 94.7577              | 947,577                                 | 1,000,000    | 998,974                | 0          | 184           | 0             | 0        | 6.000  | 6.025     | AO   | 15,000   | 60,000      | 03/16/2017 | 04/01/2027  |
| 001055-BJ-0                | Aflac Inc-SENIOR UNSECURED               |   |     | 1,2  | 1.G FE   |             | 90.4692              | 4,523,461                               | 5,000,000    | 4,990,178              | 0          | 1, 141        | 0             | 0        | 3.600  | 3.630     | AO   | 45,000   | 180,000     | 03/30/2020 | 04/01/2030  |
| 03076K-AA-6                | Ameris Bancorp-SUBORDINATED              |   |     | 2    | 2.B FE   | 1,000,000   | 97.0000              | 970,000                                 | 1,000,000    | 1,000,000              | 0          | (5)           | 0             | 0        | 8.385  | 8.380     | MJSD | 3,960    | 71,480      | 03/08/2017 | 03/15/2027  |
| 10510K-AC-1                | BRAMBLES USA INC-SR UNSECURED            |   |     | 1,2  | 2.A FE   | 1,995,140   |                      | 1,920,774                               | 2,000,000    | 1,998,446              | 0          | 478           | 0             | 0        |        | 4. 153    | A0   | 15,583   | 82,500      | 10/19/2015 | 10/23/2025  |
| 195869-AP-7                | COLONIAL PIPELINE CO-SR UNSECURED        |   |     | 1,2  | 1.G FE   |             | 96.2792              | 1,925,583                               | 2,000,000    | 1,998,309              | 0          | 543           | 0             | 0        | 3.750  |           | A0   | 18,750   | 75,000      | 09/16/2015 | 10/01/2025  |
| 224044-BY-2                | COX COMMUNICATIONS INC-SENIOR UNSECURED  |   |     |      | 2.B FE   | 2, 192, 544 |                      | 1,496,211                               | 1,800,000    | 2, 176, 568            | 0          | (13,211)      | 0             | 0        |        | 0.200     | JD   | 3,760    | 84,600      | 10/07/2021 | 12/15/2042  |
| 316041-CP-5                | Fidelity Bank/Atlanta GA-SUBORDINATED    |   |     | 2    | 2.A FE   | 3,000,000   |                      | 3, 120,000                              | 3,000,000    | 3,000,000              | 0          | 0             | 0             | 0        | 5.875  | 5.873     | MN   | 14,688   | 176,250     | 05/29/2015 | 05/31/2030  |
| 437076-BM-3                | Home Depot Inc/The-SENIOR UNSECURED      |   |     | 1,2  | 1.F FE   |             | 95.2253              | 2,856,758                               | 3,000,000    | 2,865,310              | 0          | 3,820         | 0             | 0        |        | 4.499     | A0   | 22,500   | 0           | 11/22/2022 | 04/01/2026  |
| 720198-AC-4                | Piedmont Operating Partn-SENIOR UNSECURE | . |     | 1,2  | 2.B FE   |             | 99.3931              | 993,931                                 | 1,000,000    | 999,795                | 0          | 434           | 0             | 0        | 3.400  | 3.445     | JD   | 2,833    | 34,000      | 05/06/2013 | 06/01/2023  |
| 843646-AM-2                | Southern Power Co-SENIOR UNSECURED       |   |     | 1,2  | 2.B FE   |             | 98.1070              | 2,943,210                               | 3,000,000    | 2,997,816              | 0          | 662           | 0             | 0        | 4. 150 | 4. 176    | JD   | 10,375   | 124,500     | 11/12/2015 | 12/01/2025  |
| 891906-AB-5                | Global Payments Inc-SENIOR UNSECURED     |   |     | 1,2  | 2.C FE   |             | 99.5344              | 995,344                                 | 1,000,000    | 999,608                | 0          | 857           | 0             | 0        | 3.750  | 3.840     | JD   | 3, 125   | 37,500      | 05/15/2013 | 06/01/2023  |
| 891906-AC-3                | Global Payments Inc-SENIOR UNSECURED     |   |     | 1,2  | 2.C FE   | 1,994,600   | 97.3825              | 1,947,649                               | 2,000,000    | 1,998,019              | 0          | 510           | 0             | 0        | 4.800  | 4.831     | AO   | 24,000   | 96,000      | 03/14/2016 | 04/01/2026  |

## **SCHEDULE D - PART 1**

|                            |  |   |      |       |          |             |            | Showing All Lor | ng-Term BOND: | S Owned Dece | mber 31 of | Current Ye   | ar            |          |       |           |       |          |             |            |             |
|----------------------------|--|---|------|-------|----------|-------------|------------|-----------------|---------------|--------------|------------|--------------|---------------|----------|-------|-----------|-------|----------|-------------|------------|-------------|
| 1                          | 2  |   | Coc  | les   | 6        | 7           |            | Fair Value      | 10            | 11           | Change     | e in Book/Ad | usted Carryin | g Value  |       |           | li li | nterest  |             | Da         | tes         |
|                            |  | 3 | 4    | 5     |          |             | 8          | 9               |               |              | 12         | 13           | 14            | 15       | 16    | 17        | 18    | 19       | 20          | 21         | 22          |
|                            |  |   |      |       | NAIC     |             |            |                 |               |              |            |              |               |          |       |           |       |          | -           |            |             |
|                            |  |   |      |       | Desig-   |             |            |                 |               |              |            |              |               |          |       |           |       |          |             |            |             |
|                            |  |   |      |       | nation,  |             |            |                 |               |              |            |              |               |          |       |           |       |          |             |            |             |
|                            |  |   |      |       | NAIC     |             |            |                 |               |              |            |              |               | Total    |       |           |       |          |             |            |             |
|                            |  |   |      |       | Desig-   |             |            |                 |               |              |            |              |               | Foreign  |       |           |       |          |             |            |             |
|                            |  |   | F    |       | nation   |             |            |                 |               |              |            |              | Current       | Exchange |       |           |       |          |             |            |             |
|                            |  |   | 0    |       | Modifier |             |            |                 |               |              |            |              | Year's        | Change   |       |           |       |          |             |            |             |
|                            |  |   | ľ    |       | and      |             | Rate       |                 |               |              |            | Current      | Other-        | in       |       |           |       |          |             |            |             |
|                            |  | С | ė    |       | SVO      |             | Used to    |                 |               | Book/        | Unrealized | Year's       | Than-         | Book/    |       |           |       | Admitted |             |            | Stated      |
|                            |  | 0 | :    |       | Admini-  |             | Obtain     |                 |               | Adjusted     | Valuation  | (Amor-       | Temporary     | Adjusted |       | Effective |       | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d | '    | Bond  | strative | Actual      | Fair       | Fair            | Par           | Carrying     | Increase/  | tization)    | Impairment    | Carrying | Rate  | Rate      | When  | Due and  | Received    |            | Maturity    |
| Identification             | Description  | e | g    | Char  | Symbol   | Cost        | Value      | Value           | Value         | Value        | (Decrease) | Accretion    | Recognized    | Value    | of    | of        | Paid  | Accrued  | During Year | Acquired   | Date        |
|                            |  | е | - '' | Cilai |          |             |            |                 |               |              | (Decrease) |              |               | value    |       |           |       |          |             |            |             |
| 911312-BX-3                | United Parcel Service In-SENIOR UNSECURE                                   |   |      | 1,2   | 1.F FE   | 1,997,900   |            | 1,970,468       | 2,000,000     | 1,998,987    | 0          | 383          |               | 0        | 3.900 |           | A0    | 19,500   |             | 03/19/2020 | 04/01/2025  |
| 911312-BY-1                | United Parcel Service In-SENIOR UNSECURE                                   |   |      | 1,2   | 1.F FE   | 1,992,460   | 98.4168    | 1,968,336       | 2,000,000     | 1,994,223    | 0          | 646          | 0             | 0        | 4.450 |           | A0    | 22,250   | 89,000      | 03/19/2020 | 04/01/2030  |
| 92940P-AD-6                | WRKCo Inc-SENIOR UNSECURED   |   |      | 1,2   | 2.B FE   | 1,999,020   |            |                 | 2,000,000     | 1,999,280    | 0          | 78           | 0             | 0        | 4.900 |           | MS    | 28,856   | 98,000      | 11/27/2018 | 03/15/2029  |
| 92940P-AG-9                | WRKCo Inc-SENIOR UNSECURED   | · |      | 1,2   | 2.B FE   |             | 79.6837    | 374,513         | 470,000       | 455,486      | 0          | 945          | 0             | 0        | 3.000 |           | JD    | 627      | 14,100      | 03/03/2022 | 06/15/2033  |
| 084659-AT-8                | Berkshire Hathaway Energ-SENIOR UNSECURE                                   |   |      | 1,2   | 1.G FE   | 1,997,420   |            | 1,971,078       | 2,000,000     | 1,998,802    | 0          | 449          | 0             | 0        | 4.050 |           | AO    | 17, 100  | 81,000      | 03/20/2020 | 04/15/2025  |
| 084659-AV-3                | Berkshire Hathaway Energ-SENIOR UNSECURE                                   | · |      | 1,2   | 1.G FE   | 999,840     |            | 913,511         | 1,000,000     | 1,000,029    | 0          | (5)          | 0             | 0        | 3.700 | 3.699     | JJ    | 17,061   | 37,000      | 03/25/2020 | 07/15/2030  |
| 002824-BF-6                | ABBOTT LABORATORIES-SENIOR UNSECURED                                       |   |      | 1,2   | 1.E FE   | 1, 125, 563 |            | 1, 106, 132     | 1,134,000     | 1, 130, 318  | 0          | 849          | 0             | 0        | 3.750 | 3.839     | MN    | 3,662    |             | 11/17/2016 | 11/30/2026  |
| 00287Y-AQ-2                | AbbVie Inc-SR UNSECURED  |   |      | 1,2   | 2.A FE   | 1,996,500   |            | 1,938,502       | 2,000,000     | 1,999,060    | 0          | 349          | 0             | 0        | 3.600 | 3.620     |       | 9,400    | 72,000      | 05/05/2015 | 05/14/2025  |
| 00287Y-CA-5                | AbbVie Inc-SENIOR UNSECURED  |   |      | 1,2   | 2.A FE   | 4,541,070   |            | 3,423,086       | 4,000,000     | 4,499,770    | 0          | (23, 183)    |               | 0        | 4.050 | 3.073     |       | 18,000   | 162,000     | 04/29/2021 | 11/21/2039  |
| 00287Y-CV-9                | AbbVie Inc-SENIOR UNSECURED  |   |      | 1,2   | 2.A FE   | 2, 138, 480 |            | 1,966,689       | 2,000,000     | 2,044,672    | 0          | (36,238)     |               | 0        | 3.850 |           | JD    | 3,422    | 77,000      | 05/14/2020 | 06/15/2024  |
| 00287Y-CX-5                | AbbVie Inc-SENIOR UNSECURED  |   |      | 1,2   | 2.C FE   | 1,086,130   |            | 975,665         | 1,000,000     | 1,037,592    | 0          | (18,710)     |               | 0        | 3.800 | 1.834     | MS    | 11,189   |             | 05/14/2020 | 03/15/2025  |
| 039482-AB-0                | Archer-Daniels-Midland C-SENIOR UNSECURE                                   |   |      | 1,2   | 1.F FE   | 3,968,920   |            | 3,608,605       | 4,000,000     | 3,976,491    | 0          | 2,810        | 0             | 0        | 3.250 | 3.342     | MS    | 33,944   | 130,000     | 03/25/2020 | 03/27/2030  |
| 07177M-AB-9                | BAXALTA INC-SENIOR UNSECURED   |   |      | 1,2   | 2.B FE   |             | 97.4808    | 580,985         | 596,000       | 594,845      | 0          | 432          | 0             | 0        | 4.000 | 4.083     | JD    | 530      | 23,840      | 06/18/2015 | 06/23/2025  |
| 12527G-AH-6                | CF Industries Inc-FIRST LIEN   |   |      |       | 2.B FE   |             | 96.7431    | 967,431         | 1,000,000     | 997,279      | 0          | 613          | 0             | 0        | 4.500 | 4.576     |       | 3,750    | 47,000      | 11/10/2016 | 12/01/2026  |
| 12572Q-AG-0                | CME GROUP INC-SR UNSECURED   |   |      | 1,2   | 1.D FE   | 1,996,220   | 96.6167    | 1,932,334       | 2,000,000     | 1,999,075    | 0          | 376          | 0             | 0        | 3.000 |           | MS    | 17,667   | 60,000      | 03/04/2015 | 03/15/2025  |
| 126117-AT-7                | CNA FINANCIAL CORP-SR UNSECURED  |   |      | 1,2   | 2.B FE   | 3,016,110   |            |                 | 3,000,000     | 3,005,657    | 0          | (1,773)      | 0             | 0        | 4.500 | 4.430     |       | 45,000   | 135,000     | 02/22/2016 | 03/01/2026  |
| 17287H-AA-8                | Citadel Finance LLC-SENIOR UNSECURED                                       |   |      | 1,2   | 2.C FE   | 1,990,620   |            | 1,781,080       | 2,000,000     | 1,993,825    | 0          | 1,781        | 0             | 0        | 3.375 |           | MS    | 21,000   | 67,500      | 03/03/2021 | 03/09/2026  |
| 205887-CE-0                | Conagra Brands Inc-SENIOR UNSECURED  |   |      | 1,2   | 2.C FE   | 1,295,180   |            | 924,089         | 1,000,000     | 1,284,163    | 0          | (6,713)      | 0             | 0        | 5.400 | 3.668     | MN    | 9,000    | 54,000      | 04/29/2021 | 11/01/2048  |
| 244199-BJ-3                | Deere & Co-SENIOR UNSECURED  |   |      | 1,2   | 1.F FE   | 2,994,330   | 89.6082    | 2,688,245       | 3,000,000     | 2,995,728    | 0          | 504          | 0             | 0        | 3.100 | 3. 122    |       | 19,633   | 93,000      | 03/25/2020 | 04/15/2030  |
| 254709-AM-0                | DISCOVER FINANCIAL SVS-SENIOR UNSECURED                                    |   |      | 2     | 2.C FE   | 2,997,330   |            |                 | 3,000,000     | 2,998,812    | 0          | 238          | 0             |          | 4.100 | 4.110     |       | 48,517   | 123,000     | 02/06/2017 | 02/09/2027  |
| 26884A-BD-4                | ERP OPERATING LP-UNSECURED   |   |      | 1,2   | 1.6 FE   | 1,989,340   | 96. 1807   |                 | 2,000,000     | 997 , 104    |            |              |               |          | 3.375 | 3.437     |       | 5,625    | 67,500      | 05/12/2015 | 06/01/2025  |
| 26884A-BL-6<br>26884A-BM-4 | ERP Operating LP-SENIOR UNSECURED  |   |      | 1,2   | 1.6 FE   |             | 83.4883    | 872,492         | 1,000,000     | 997 , 134    |            |              |               |          | 3.000 |           | FA    |          | 30,000      | 06/17/2019 | 07/01/2029  |
| 34964C-AE-6                | ERP Operating LP-SENIOR UNSECURED Fortune Brands Home & Se-SENIOR UNSECURE |   |      | 1,2   | 1.6 FE   |             | 86.4133    |                 | 1,000,000     | 996,436      |            |              |               |          | 3.250 | 3.270     |       | 9,444    |             | 08/20/2019 | 02/15/2030  |
| 361448-AQ-6                | GATX CORP-SENIOR UNSECURED NOTE  |   |      | 1,2   | 2.B FE   |             | 99.6528    | 996.528         | 1,000,000     | 998,799      |            | 1.256        |               |          | 3.250 |           | MS    | 9,569    |             | 09/09/2019 | 09/15/2029  |
| 361448-BF-9                | GATX CORP-SENIOR UNSECURED   |   |      | 1.2   | 2.B FE   |             | 88.7708    |                 | 1,000,000     | 998,395      |            |              |               |          | 4.000 | 4.031     |       |          |             | 05/08/2020 | 06/30/2030  |
| 361448-BG-7                | GATX CORP-SENIOR UNSECURED   |   |      | 1.2   | 2.B FE   |             |            | 670,025         | 900,000       | 812.972      |            | 7.247        |               |          | 1.900 |           | JD    | 1.425    |             | 03/08/2020 | 06/01/2031  |
| 448579-AF-9                | Hvatt Hotels Corp-SENIOR UNSECURED   |   | 1    | 1,2   | 2.8 FE   |             |            | 1.965.604       | 2.000.000     | 1.999.451    |            | 115          |               |          | 4.850 |           | MS    |          |             | 03/04/2022 | 05/01/2031  |
| 4485/9-AF-9<br>488401-AB-6 | Kemper Corp-SENIOR UNSECURED   |   | 1    | 1,2   | 2.0 FE   | 5.013.410   |            |                 |               |              |            | (3.418)      |               |          | 4.850 |           | MS    |          |             | 02/29/2016 | 03/15/2026  |
| 55266C-XM-3                | West Loop BC-SUBORDINATED  |   | 1    | 1,4   | 2.0 FE   |             |            |                 | 3,000,000     | 3,003,805    |            | (3,418)      |               |          | 6.634 |           | MJSD  |          | 120,000     | 11/14/2017 | 12/01/2027  |
| 58013M-EV-2                | MCDONALD'S CORP-SENIOR UNSECURED   |   |      | 1 0   | 2.A FE   | 6, 150, 350 |            |                 | 5,000,000     | 6.108.607    |            | (26)         |               |          | 4.600 |           | MN    |          | 230,000     | 10/08/2021 | 05/26/2045  |
| 58013M-FP-4                | McDonald's Corp-SENIOR UNSECURED   |   |      | 1,2   | 2.A FE   |             | 94.8909    | 948.909         | 1.000.000     | 996.824      |            |              |               |          | 3.500 |           | JJ    |          | 35,000      | 03/25/2020 | 07/01/2027  |
| 58013M-FQ-2                | McDonald's Corp-SENIOR UNSECURED   |   |      | 1,2   | 2.A FE   | 992,660     |            | 919,932         | 1,000,000     | 994,342      |            | 644          |               |          | 3.600 |           | JJ    |          |             | 03/25/2020 | 07/01/2027  |
| 620076-BF-5                | Motorola Solutions Inc-SENIOR UNSECURED                                    |   |      | 1,2   | 2.A FE   |             | 97.8846    |                 | 908.000       | 904.531      |            | 1.944        |               |          | 4.000 |           | MS    | 12.107   |             | 08/12/2014 | 09/01/2024  |
| 620076-BL-2                | Motorola Solutions Inc-SENIOR UNSECURED                                    |   | 1    | 1.2   | 2.0 FE   | 1,996,660   |            |                 | 2,000,000     | 1,998,145    |            |              |               | n        | 4.600 | 4.619     |       |          | 92,000      | 02/21/2018 | 02/23/2028  |
| 665859-AP-9                | Northern Trust Corp-SUBORDINATED   |   | 1    | 1,4   | 2.6 FE   |             |            |                 | 3.000,000     |              | n          | 294          |               |          | 3.950 |           | AO    |          | 118,500     | 10/28/2013 | 10/30/2025  |
| 680223-AJ-3                | Old Republic Internation-SENIOR UNSECURE                                   |   | 1    | 1.2   | 2.B FE   | 1,989,960   |            | 1,985,831       | 2,000,000     | 1.997.878    | 0          | 1.054        | 0             | n        | 4.875 | 4.935     |       | 24.375   | 97,500      | 09/22/2014 | 10/00/2024  |
| 680223-AK-0                | Old Republic Internation—SENIOR UNSECURE                                   |   | 1    | 1 2   | 2.B FE   | 1.933.690   |            | 1.895.280       | 2.000,000     | 1.972.015    | n          | 6.910        | n             | n        | 3.875 | 4.292     |       |          | 77,500      | 11/15/2016 | 08/26/2026  |
| 749607-AC-1                | RLI Corp-SENIOR UNSECURED  |   | 1    | 1,2   | 2.B FE   | 997, 140    |            | 995,997         | 1,000,000     | 999,718      | n          | 287          | 0             | n        | 4.875 |           | MS    | 14,354   |             | 09/25/2013 | 09/15/2023  |
| 96928*-CQ-8                | William Blair & Company, Trust Certifcat                                   |   | 1    |       | 2.B      |             | . 103.7498 | 621.004         | 598.559       | 598.561      | n          | 0            | 0             | n        | 6.660 | 6 . 660   |       | 1.772    |             | 12/16/2009 | 06/15/2033  |
| 96928*-CR-6                | William Blair & Company, Trust Certificat                                  |   | 1    |       | 2.B      |             | . 103.7430 | 856,743         | 824.466       | 824.469      |            | 0            |               |          | 6.660 | 6.660     |       | 2.440    | 54,909      | 12/23/2009 | 05/15/2034  |
| 97650W-AF-5                | Wintrust Financial Corp-SUBORDINATED                                       |   |      |       | 2.B FE   | 2,500,000   |            | 2,456,094       | 2,500,000     | 2,500,000    |            | 0            |               |          | 5.000 | 4.999     |       | 6.250    | 125,000     | 06/10/2014 | 06/13/2024  |
| 462613-AP-5                | IPALCO Enterprises Inc-FIRST LIEN  |   |      | 1,2   | 2.0 FE   | 2,997,270   |            |                 | 3,000,000     | 2,997,962    | 0          | 215          | 0             | 0        | 4.250 | 4.260     | MN    | 21,250   | 127,500     | 04/08/2020 | 05/01/2030  |
| 680033-AC-1                | Old National Bancorp/IN-SENIOR UNSECURED                                   | l |      |       | 1.G FE   | 1,000,000   |            | 978,851         | 1,000,000     | 1,000,000    | 0          | 0            | 0             | 0        | 4.125 | 4. 123    | FA    |          | 41,250      | 08/12/2014 | 08/15/2024  |
| 828807-CR-6                | SIMON PROPERTY GROUP LP-SR UNSECURED                                       |   |      | 1,2   | 1.G FE   |             |            | 1,969,912       | 2,000,000     | 1,998,410    | 0          | 1,367        | 0             | 0        | 3.750 | 3.823     |       |          | 75,000      | 01/13/2014 | 02/01/2024  |

## **SCHEDULE D - PART 1**

|                            |  |   |      |       |          |           |            | Showing All Lor | ng-Term BOND: | S Owned Dece | mber 31 of | Current Ye  | ar            |          |        |           |       |          |             |            |             |
|----------------------------|--|---|------|-------|----------|-----------|------------|-----------------|---------------|--------------|------------|-------------|---------------|----------|--------|-----------|-------|----------|-------------|------------|-------------|
| 1                          | 2  |   | Coc  | les   | 6        | 7         |            | Fair Value      | 10            | 11           | Change     | in Book/Adi | usted Carryin | g Value  |        |           | lı lı | nterest  |             | Da         | tes         |
|                            |  | 3 | 4    | 5     | 1        |           | 8          | 9               |               |              | 12         | 13          | 14            | 15       | 16     | 17        | 18    | 19       | 20          | 21         | 22          |
|                            |  |   |      |       | NAIC     |           |            | -               |               |              |            |             |               |          | -      |           |       |          |             |            |             |
|                            |  |   |      |       | Desig-   |           |            |                 |               |              |            |             |               |          |        |           |       |          |             |            |             |
|                            |  |   |      |       | nation,  |           |            |                 |               |              |            |             |               |          |        |           |       |          |             |            |             |
|                            |  |   |      |       | NAIC     |           |            |                 |               |              |            |             |               | Total    |        |           |       |          |             |            |             |
|                            |  |   |      |       | Desig-   |           |            |                 |               |              |            |             |               | Foreign  |        |           |       |          |             |            |             |
|                            |  |   | F    |       | nation   |           |            |                 |               |              |            |             | Current       | Exchange |        |           |       |          |             |            |             |
|                            |  |   | 0    |       | Modifier |           |            |                 |               |              |            |             | Year's        | Change   |        |           |       |          |             |            |             |
|                            |  |   | ľ    |       | and      |           | Rate       |                 |               |              |            | Current     | Other-        | in       |        |           |       |          |             |            |             |
|                            |  | С | ė    |       | SVO      |           | Used to    |                 |               | Book/        | Unrealized | Year's      | Than-         | Book/    |        |           |       | Admitted |             |            | Stated      |
|                            |  | 0 | i    |       | Admini-  |           | Obtain     |                 |               | Adjusted     | Valuation  | (Amor-      | Temporary     | Adjusted |        | Effective |       | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d | '    | Bond  | strative | Actual    | Fair       | Fair            | Par           | Carrying     | Increase/  | tization)   | Impairment    | Carrying | Rate   | Rate      | When  | Due and  | Received    |            | Maturity    |
| Identification             | Description                              | e | g    | Char  | Symbol   | Cost      | Value      | Value           | Value         | Value        | (Decrease) | Accretion   | Recognized    | Value    | of     | of        | Paid  | Accrued  | During Year | Acquired   | Date        |
|                            |  | е | - '' | Cilai |          |           |            |                 |               |              | (Decrease) |             | Recognized    | value    |        |           |       |          |             |            |             |
| 828807-DQ-7                | Simon Property Group LP-SENIOR UNSECURED |   |      | 1,2   | 1.G FE   | 1,582,882 |            |                 | 1,700,000     | 1,591,316    | 0          | 8,434       | 0             | 0        | 2.250  |           | JJ    | 17,638   | 19, 125     | 03/04/2022 | 01/15/2032  |
| 096630-AG-3                | Boardwalk Pipelines LP-SENIOR UNSECURED  |   |      | 1,2   | 2.C FE   | , .       |            | 941, 187        | 1,000,000     | 999,393      | 0          | 72          | 0             | 0        | 4.800  | 4.810     | MN    | 7,733    | 48,000      | 04/30/2019 | 05/03/2029  |
| 444859-BN-1                | Humana Inc-SENIOR UNSECURED              | · |      | 1,2   | 2.0 FE   | 1,995,760 |            | 1,964,082       | 2,000,000     | 1,996,731    | 0          | 351         | 0             | J0       | 4.875  |           | AO    | 24,375   |             | 03/23/2020 | 04/01/2030  |
| 92277G-AL-1                | Ventas Realty LP-SENIOR UNSECURED        |   |      | 1,2   | 2.A FE   | 1,983,920 |            |                 | 2,000,000     | 1,992,437    | 0          | 1,584       | 0             | 0        | 3.850  |           | AO    |          | 77,000      | 03/22/2017 | 04/01/2027  |
| 92277G-AM-9                | Ventas Realty LP-SENIOR UNSECURED        | · |      | 1,2   | 2.A FE   | 1,984,660 |            | 1,850,187       | 2,000,000     | 1,991,375    | 0          | 1,455       | 0             | 0        | 4.000  | 4.092     | MS    |          |             | 02/13/2018 | 03/01/2028  |
| 92277G-AU-1                | Ventas Realty LP-SENIOR UNSECURED        |   |      | 1,2   | 2.A FE   |           | 84.0735    | 840,735         | 1,000,000     | 996,476      | 0          | 441         | 0             | 0        | 3.000  |           | JJ    |          | 30,000      | 08/12/2019 | 01/15/2030  |
| 29364W-AS-7                | Entergy Louisiana LLC-SECURED            |   |      | 1,2   | 1.F FE   |           | 99.6322    | 996,322         | 1,000,000     | 999,733      | 0          | 321         | 0             | 0        | 4.050  | 4.084     | MS    |          |             | 08/19/2013 | 09/01/2023  |
| 29364W-AU-2                | Entergy Louisiana LLC-FIRST LIEN         |   |      | 1,2   | 1.F FE   | 1,998,340 |            | 1,917,515       | 2,000,000     | 1,999,582    | 0          | 138         | 0             | 0        | 3.780  | 3.788     |       | 18,900   | 75,600      | 06/24/2014 | 04/01/2025  |
| 29365P-AP-7                | Entergy Gulf States Loui-FIRST LIEN      |   |      |       | 1.F FE   | 2,997,600 |            |                 | 3,000,000     | 2,999,604    | 0          | 57          | 0             | 0        | 5.590  |           | A0    | 41,925   | 167,700     | 09/29/2009 | 10/01/2024  |
| 29365P-AR-3                | Entergy Gulf States Loui-FIRST LIEN      |   |      | 1,2   | 1.F FE   | 1,998,340 |            | 1,923,800       | 2,000,000     | 1,999,582    | 0          | 138         | 0             | 0        | 3.780  |           | A0    | 18,900   | 75,600      | 06/24/2014 | 04/01/2025  |
| 008252-AM-0                | Affiliated Managers Grou-SENIOR UNSECURE |   |      |       | 1.G FE   | 2,973,930 |            | 2,968,875       | 3,000,000     | 2,996,461    | 0          | 2,904       | 0             | 0        | 4.250  | 4.355     | FA    | 48, 167  | 127,500     | 02/06/2014 | 02/15/2024  |
| 008252-AN-8                | Affiliated Managers Grou-SR UNSECURED    |   |      | 1     | 1.G FE   |           |            | 1,919,052       | 2,000,000     | 1,995,702    | 0          | 1,545       | 0             | 0        | 3.500  | 0.007     | FA    | 29, 167  | 70,000      | 02/10/2015 | 08/01/2025  |
| 19567P-AH-2                | Colonial Gas Co-FIRST LIEN               |   |      |       | 1.F FE   |           |            |                 | 1,500,000     | 1,583,364    | 0          | (13,150)    | 0             | 0        | 7. 120 |           | AO    | 40,347   | 106,800     | 01/22/2003 | 04/07/2028  |
|                            | Eversource Energy-SENIOR UNSECURED       |   |      | 1,2   | 2.A FE   | 1,986,100 |            | 1,890,758       | 2,000,000     | 1,990,779    | 0          | 1,244       | 0             | 0        | 4.250  | 4.334     | AU    | 21,250   | 85,000      | 12/10/2018 | 04/01/2029  |
| 30251B-AD-0                | FMR LLC-SENIOR UNSECURED BOND            |   |      | 1.2   | 1.E FE   |           | 92.7762    | 927,762         | 1,000,000     | 999,246      | 0          |             | 0             | 0        | 4.950  | 4.959     | FA    |          |             | 01/29/2013 | 02/01/2033  |
| 44106M-AW-2                | Service Properties Trust-SENIOR UNSECURE |   |      | 1,2   | 4.B FE   | 1,979,080 |            | 1,565,621       | 2,000,000     | 1,990,265    |            | 2,049       |               |          | 4.950  | 5.081     | FA    |          | 99,000      | 01/10/2017 | 02/15/2027  |
| 49271V-AF-7<br>49271V-AN-0 | Keurig Dr Pepper Inc-SENIOR UNSECURED    |   |      | 1,2   | 2.B FE   | 3,000,000 |            |                 | 3,000,000     | 3,000,000    |            | 8.505       |               |          | 4.597  | 4.596     | MN    | 13,791   |             | 05/14/2018 | 05/25/2028  |
| 67021C-AP-2                | NSTAR Electric Co-SENIOR UNSECURED       |   |      | 1,2   | 1.F FE   | / / -     | 93.9454    |                 | 1,700,000     | 995,821      |            | 8,505       |               |          | 3.950  | 4.016     | M9    |          |             | 03/03/2022 | 04/01/2030  |
| 714046-AG-4                | PerkinElmer Inc-SENIOR UNSECURED         |   |      | 1,2   | 1.F FE   |           | 86.9708    |                 | 1,000,000     | 995,821      |            | 301         |               |          | 3.300  | 3.339     | AU    | 9,875    |             | 09/10/2019 | 09/15/2029  |
| 740816-AK-9                | PRES & FELLOWS OF HARVAR-SENIOR UNSECURE |   |      | 1,2   | 1.A FE   | 1,000,000 |            | 922,924         | 1,000,000     | 1.000.000    |            | 0           |               | n        | 3.529  |           | AO    | 8.823    | 35,290      | 04/29/2013 | 10/01/2031  |
| 81618T-AC-4                | Office Properties Income-SENIOR UNSECURE |   |      | 1.2   | 3.A FE   | 1,959,800 | 90.6980    | 1.813.960       | 2.000.000     | 1.989.996    | 0          | 4.432       | 0             | 0        | 4.500  | 4.753     | E/    |          | 90.000      | 01/29/2015 | 02/01/2025  |
| 81721M-AK-5                | Diversified Healthcare T-SENIOR UNSECURE |   |      | 1 2   | 5.A FE   | 1,395,576 | 86.3750    | 1,209,250       | 1,400,000     | 1,399,271    | 0          | 455         | 0             | 0        | 4.750  | 4.786     | MN    | 11.083   |             | 04/23/2014 | 05/01/2024  |
| 857477-BD-4                | State Street Corp-SENIOR UNSECURED       |   |      | 2     | 1.E FE   | 2,000,000 |            |                 | 2,000,000     | 2.000.000    | 0          | 0           | 0             | 0        | 4. 141 | 4. 141    | ID    | 6.442    |             | 11/28/2018 | 12/03/2029  |
| 857477-BF-9                | State Street Corp-SUBORDINATED           |   | 1    | 2     | 1.F FE   | 2,000,000 |            | 1.681.806       | 2.000.000     | 2.000.000    | 0          | 0           | 0             | 0        | 3.031  |           | MN    | 10 . 103 | 60.620      | 10/29/2019 | 11/01/2034  |
| 09778P-AA-3                | Bon Secours Mercy Health-SECURED         |   |      | 1 2   | 1.E FE   |           | 89.4401    |                 | 3,000,000     | 3.000.000    | 0          | 0           | 0             | 0        | 3.464  | 3.464     |       | 8.660    |             | 04/08/2020 | 06/01/2030  |
| 25470D-AR-0                | Discovery Communications-SENIOR UNSECURE |   |      | 1.2   | 2.0 FE   | 1,992,860 | 88.8851    | 1.777.701       | 2,000,000     | 1,996,127    | 0          | 639         | 0             | 0        | 3.950  | 3.990     | MS    |          | 79,000      | 09/07/2017 | 03/20/2028  |
| 268948-AA-4                | Eagle Bancorp Inc-SUBORDINATED           |   | 1    |       | 2.B FE   | 1,000,000 |            | 988.921         | 1,000,000     | 1.000.000    | 0          | 0           | 0             | 0        | 5.750  | 5.746     | MS    | 19.167   | 57,500      | 07/31/2014 | 09/01/2024  |
| 313747-AU-1                | Federal Realty Investmen-SENIOR UNSECURE |   | 1    | 1.2   | 2.A FE   | 990 . 180 |            | 985.576         | 1.000.000     | 998.798      | 0          | 1.097       | 0             | 0        | 3.950  |           | JJ    |          |             | 12/04/2013 | 01/15/2024  |
| 478111-AB-3                | JOHNS HOPKINS HEALTH SYS-SENIOR UNSECURE |   |      |       | 1.D FE   | 1,000,000 |            | 990,695         | 1,000,000     | 1,000,000    | 0          | 0           | 0             | 0        | 2.767  | 2.766     | MN    | 3,536    | 27,670      | 05/01/2013 | 05/15/2023  |
| 539830-BH-1                | LOCKHEED MARTIN CORP-SENIOR UNSECURED    |   |      | 1.2   | 1.G FE   | 1,488,420 |            | 1.454.507       | 1,500,000     | 1,496,111    | 0          | 1. 184      | 0             | 0        | 3.550  | 3.640     | JJ    | 24.554   | 53.324      | 11/16/2015 | 01/15/2026  |
| 571903-BB-8                | Marriott International I-SENIOR UNSECURE |   | 1    | 1.2   | 2.B FE   |           |            | 1.152.396       | 1,200,000     | 1.197.580    | 0          | 341         | 0             | 0        | 4.650  | 4.689     | JD    | 4.650    | 55,800      | 11/13/2018 | 12/01/2028  |
| 58942H-AB-7                | Mercy Health/OH-SECURED                  |   |      | 1.2   | 1.E FE   | 2,000,000 |            | 1,856,469       | 2,000,000     | 2,000,000    | 0          | 1           | 0             | 0        | 3.555  | 3.555     | FA    | 29,625   | 71,100      | 12/12/2017 | 08/01/2027  |
| 681936-BJ-8                | Omega Healthcare Investo-SENIOR UNSECURE |   |      | 1.2   | 2.C FE   |           |            | 204,234         |               | 205.946      | 0          | 78          | 0             | 0        | 4.375  | 4.415     | FA    | 3.755    | 9,013       | 06/30/2016 | 08/01/2023  |
| 681936-BK-5                | Omega Healthcare Investo-SENIOR UNSECURE |   | .    | 1,2   | 2.C FE   | 989,780   | 92.3237    | 923,237         | 1,000,000     | 994,704      | 0          | 903         | 0             | 0        | 4.750  | 4.869     | JJ    | 21,903   | 47,500      | 03/28/2017 | 01/15/2028  |
| 681936-BN-9                | Omega Healthcare Investo-SENIOR UNSECURE |   | .    | 1,2   | 2.C FE   | 6,921,230 | 72.1415    | 5,049,906       | 7,000,000     | 6,928,761    | 0          | 5,685       | 0             | 0        | 3.250  | 3.367     | A0    | 48,028   | 228,764     | 10/08/2021 | 04/15/2033  |
| 893045-AE-4                | Trans-Allegheny Intersta-SENIOR UNSECURE | . |      | 1,2   | 2.A FE   | 1,998,480 |            | 1,933,257       | 2,000,000     | 1,999,593    | 0          | 138         | 0             | 0        | 3.850  | 3.858     | JD    | 6,417    | 77,000      | 12/08/2014 | 06/01/2025  |
| 260543-CG-6                | Dow Chemical Co/The-SENIOR UNSECURED NOT |   |      | 1,2   | 2.A FE   | 2,331,140 |            | 1,658,715       | 2,000,000     | 2,310,602    | 0          | (11,319)    | 0             | 0        | 4.375  |           | MN    | 11, 181  |             | 02/24/2021 | 11/15/2042  |
| 46817M-AL-1                | Jackson Financial Inc-SENIOR UNSECURED   | . | .    | 1,2   | 2.B FE   | 4,823,963 | 77.7519    | 3,887,593       | 5,000,000     | 4,828,444    | 0          | 4,480       | 0             | 0        | 3. 125 | 3.579     | MN    | 16,493   |             | 09/23/2022 | 11/23/2031  |
| 487836-BP-2                | Kellogg Co-SENIOR UNSECURED              | . |      |       | 2.B FE   | 1,997,920 | 95.1190    | 1,902,381       | 2,000,000     | 1,999,284    | 0          | 187         | 0             | 0        | 3.250  | 3.261     | A0    | 16,250   | 65,000      | 02/25/2016 | 04/01/2026  |
| 487836-BW-7                | Kellogg Co-SENIOR UNSECURED              | . | .    | 1,2   | 2.B FE   | 3,985,840 |            | 3,891,464       | 4,000,000     | 3,991,730    | 0          | 1,311       | 0             | 0        | 4.300  | 4.343     | MN    | 21,978   | 172,000     | 05/07/2018 | 05/15/2028  |
| 50587K-AA-9                | LafargeHolcim Finance US-SENIOR UNSECURE | ļ | .    | 1,2   | 2.A FE   | 1,998,320 |            | 1,862,609       | 2,000,000     | 1,999,330    | 0          | 147         | 0             | 0        | 3.500  | 3.509     | MS    | 19,250   | 70,000      | 09/15/2016 | 09/22/2026  |
| 521865-AY-1                | Lear Corp-SENIOR UNSECURED               |   |      | 1,2   | 2.B FE   | 1,985,880 | 92.8574    | 1,857,148       | 2,000,000     | 1,992,800    | 0          | 1,353       | 0             | 0        | 3.800  | 3.883     | MS    | 22,378   | 76,000      | 08/14/2017 | 09/15/2027  |
| 59748T-AA-7                | MIDLAND COGEN VENTURE-SENIOR SECURED NOT | . |      | 1     | 3.B FE   |           | . 101.5000 | 295, 103        | 290,742       | 290,746      | 0          | (14)        | 0             | 0        | 6.000  | 5.994     | MS    | 5, 136   | 17,445      | 08/17/2011 | 03/15/2025  |
| 85855C-AD-2                | Stellantis Finance US In-SENIOR UNSECURE | . |      | 1,2   | 2.B FE   | 3,294,418 | 99.1684    | 3,470,893       | 3,500,000     | 3,299,270    | 0          | 4,852       | 0             | 0        | 5.625  | 6.997     | JJ    | 59,609   | 0           | 11/04/2022 | 01/12/2028  |

## **SCHEDULE D - PART 1**

|                |  |                          |        |       |          |            |            | Showing All Lor | ng-Term BONDS | S Owned Dece | mber 31 of | Current Ye  | ar            |          |        |           |      |          |             |            |             |
|----------------|--|--------------------------|--------|-------|----------|------------|------------|-----------------|---------------|--------------|------------|-------------|---------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1              | 2  |                          | Cod    | les   | 6        | 7          |            | Fair Value      | 10            | 11           | Change     | in Book/Adi | usted Carryin | g Value  |        |           | l    | nterest  |             | Da         | ites        |
|                |  | 3                        | 4      | 5     |          |            | 8          | 9               |               |              | 12         | 13          | 14            | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                |  | 1                        |        |       | NAIC     |            |            |                 |               |              |            |             |               |          |        |           |      |          |             |            |             |
|                |  |                          |        |       | Desig-   |            |            |                 |               |              |            |             |               |          |        |           |      |          |             |            |             |
|                |  |                          |        |       | nation,  |            |            |                 |               |              |            |             |               |          |        |           |      |          |             |            |             |
|                |  |                          |        |       | NAIC     |            |            |                 |               |              |            |             |               | Total    |        |           |      |          |             |            |             |
|                |  |                          |        |       | Desig-   |            |            |                 |               |              |            |             |               | Foreign  |        |           |      |          |             |            |             |
|                |  |                          | F      |       | nation   |            |            |                 |               |              |            |             | Current       | Exchange |        |           |      |          |             |            |             |
|                |  |                          | 0      |       | Modifier |            |            |                 |               |              |            |             | Year's        | Change   |        |           |      |          |             |            |             |
|                |  |                          | r      |       | and      |            | Rate       |                 |               |              |            | Current     | Other-        | in       |        |           |      |          |             |            |             |
|                |  | С                        | e      |       | SVO      |            | Used to    |                 |               | Book/        | Unrealized | Year's      | Than-         | Book/    |        |           |      | Admitted |             |            | Stated      |
|                |  | 0                        | :      |       | Admini-  |            | Obtain     |                 |               | Adjusted     | Valuation  | (Amor-      | Temporary     | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP          |  | d                        | , ,    | Bond  | strative | Actual     | Fair       | Fair            | Par           | Carrying     | Increase/  | tization)   | Impairment    | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification | Description                              | e                        | g<br>n | Char  | Symbol   | Cost       | Value      | Value           | Value         | Value        | (Decrease) | Accretion   | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
|                |  | е                        | - 11   | Cilai |          |            |            |                 |               |              | (Declease) |             | Recognized    | value    |        |           |      |          | · ·         |            |             |
| 863667-AH-4    | STRYKER CORP-SR UNSECURED                |                          |        | 1,2   | 2.A FE   | 2,999,730  |            | 2,901,907       | 3,000,000     | 3,000,000    | 0          | 59          | 0             | 0        | 3.375  |           | MN   | 16,875   | 101,250     | 10/26/2015 | 11/01/2025  |
| 03076C-AF-3    | AMERIPRISE FINANCIAL INC-SR UNSECURED    |                          |        |       | 1.G FE   | 1,990,360  | 99.3046    | 1,986,092       | 2,000,000     | 1,999,073    | 0          | 1,014       | 0             | 0        | 4.000  |           | A0   | 16,889   | 80,000      | 09/03/2013 | 10/15/2023  |
| 03076C-AG-1    | AMERIPRISE FINANCIAL INC-SR UNSECURED    |                          |        |       | 1.G FE   | 1,993,120  |            | 1,951,824       | 2,000,000     | 1,998,595    | 0          | 701         | 0             | 0        | 3.700  | 3.739     |      | 15,622   | 74,000      | 09/15/2014 | 10/15/2024  |
| 03076C-AH-9    | Ameriprise Financial Inc-SENIOR UNSECURE | ·                        |        | 1,2   | 1.G FE   | 998,930    |            | 930,391         | 1,000,000     | 999,588      | 0          | 98          |               | 0        | 2.875  |           | MS   | 8,465    |             | 08/08/2016 | 09/15/2026  |
| 05490L-AA-7    | Blue Cross and Blue Shie-SENIOR UNSECURE | ··· ···                  |        | 1,2   | 2.A FE   | 1,999,820  | 95.6232    | 1,912,464       | 2,000,000     | 2,000,000    | 0          | 20          | 0             | 0        | 3.790  | 3.789     |      | 12,633   | 75,800      | 04/21/2015 | 05/01/2025  |
| 107015-AA-7    | Bremer Financial Corp-SUBORDINATED       | ·                        |        |       | 2.B FE   | 2,000,000  |            |                 | 2,000,000     | 2,000,000    | 0          | 0           |               | 0        | 5.200  | 0.200     | JD   | 52,289   | 52,000      | 12/29/2014 | 12/30/2024  |
| 141781-G#-5    | Cargill Inc. Senior Note                 |                          |        |       | 1.F      |            | . 100.6435 | 105,941         | 105,263       | 105,973      | 0          | (1,367)     | 0             | 0        | 7.280  | 5.884     | JD   | 3,853    | 3,832       | 10/29/2004 | 06/30/2023  |
| 278865-AV-2    | Ecolab Inc-SENIOR UNSECURED              |                          |        | 1,2   | 1.G FE   | 2,793,720  |            | 2,785,739       | 3,000,000     | 2,798,467    | 0          | 4,747       | 0             | 0        | 2.700  |           | MN   | 13,500   | 0           | 11/22/2022 | 11/01/2026  |
| 278865-BE-9    | Ecolab Inc-SENIOR UNSECURED              | ·                        |        | 1,2   | 1.G FE   | 5,484,300  |            | 4,962,963       | 5,000,000     | 5,364,033    | 0          | (45,095)    | 0             | 0        | 4.800  |           | MS   | 64,667   | 240,000     | 03/27/2020 | 03/24/2030  |
| 87612E-BD-7    | TARGET CORP-SR UNSECURED                 | · <del> </del> · · · · · |        |       | 1.F FE   | 1,991,120  |            | 1,958,606       | 2,000,000     | 1,998,465    | 0          | 979         | 0             | 0        | 3.500  |           | JJ   | 35,000   | 70,000      | 06/17/2014 | 07/01/2024  |
| 88579Y-BN-0    | 3M Co-SENIOR UNSECURED                   |                          |        | 1,2   | 1.E FE   | 1,993,620  |            | 1,756,468       | 2,000,000     | 1,995,195    | 0          | 573         | 0             | 0        | 3.050  | 3.087     | A0   | 12,878   | 61,000      | 03/25/2020 | 04/15/2030  |
| •              | US BANCORP-SUBORDINATED                  |                          |        | 2     | 1.F FE   | 2,993,760  |            | 2,937,490       | 3,000,000     | 2,998,776    | 0          | 623         | 0             | 0        | 3.600  | 3.623     |      | 33,000   | 108,000     | 09/08/2014 | 09/11/2024  |
|                | US Bancorp-SUBORDINATED                  |                          |        | 2     | 1.F FE   | 4,996,150  |            | 4,728,443       | 5,000,000     | 4,998,624    | 0          | 349         | 0             | 0        | 3.100  | 3. 108    |      | 27,556   | 155,000     | 04/21/2016 | 04/27/2026  |
|                | US Bancorp-SUBORDINATED                  |                          |        | 2     | 1.F FE   | 941,310    |            | 760,933         | 1,000,000     | 943,943      | 0          | 2,633       | 0             | 0        | 2.491  |           | MN   | 4,013    | 24,910      | 03/04/2022 | 11/03/2036  |
| 91324P-CC-4    | UNITEDHEALTH GROUP INC-SR UNSECURED      |                          |        |       | 1.F FE   | 995,930    |            | 996,346         | 1,000,000     | 999,885      | 0          | 428         | 0             | 0        | 2.875  | 2.919     |      | 8,465    | 28,750      | 02/25/2013 | 03/15/2023  |
| 91324P-CV-2    | UnitedHealth Group Inc-SENIOR UNSECURED  |                          |        |       | 1.F FE   | 2,997,630  |            | 2,858,534       | 3,000,000     | 2,999,201    | 0          | 208         | 0             | 0        | 3.100  | 3. 108    | MS   | 27,383   | 93,000      | 02/22/2016 | 03/15/2026  |
| 023608-AG-7    | AMEREN CORPORATION-SR SUBORDINATED       |                          |        | 1,2   | 2.A FE   | 1,998,220  | 95.5832    | 1,911,664       | 2,000,000     | 1,999,373    | 0          | 168         | 0             | 0        | 3.650  | 3.660     | FA   | 27,578   | 73,000      | 11/17/2015 | 02/15/2026  |
| 023608-AJ-1    | Ameren Corp-SENIOR UNSECURED             |                          |        | 1,2   | 2.A FE   | 1,995,260  |            | 1,767,635       | 2,000,000     | 1,996,244    | 0          | 395         | 0             | 0        | 3.500  |           | JJ   | 32,278   | 70,000      | 03/31/2020 | 01/15/2031  |
| 093662-AG-9    | Block Financial LLC-SENIOR UNSECURED     |                          |        | 1,2   | 2.C FE   |            | 99.3417    | 3,973,666       | 4,000,000     | 3,996,129    | 0          | 1, 163      | 0             | 0        | 5.250  | 5.285     | A0   | 52,500   | 210,000     | 09/25/2015 | 10/01/2025  |
| 161175-AY-0    | CHARTER COMM OPT LLC/CAP-FIRST LIEN      |                          |        | 1,2   | 2.C FE   | 2,000,000  |            | 1,960,356       | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 4.908  |           | JJ   | 43,081   | 98 , 160    | 07/09/2015 | 07/23/2025  |
| 291011-BG-8    | Emerson Electric Co-SENIOR UNSECURED     |                          |        | 1,2   | 1.F FE   | 11,962,080 |            | 11,535,277      | 12,000,000    | 11,989,773   | 0          | 3,927       | 0             | 0        | 3. 150 |           | JD   | 31,500   | 378,000     | 05/18/2015 | 06/01/2025  |
| 485170-AS-3    | Kansas City Southern-SENIOR UNSECURED    |                          |        | 1,2   | 2.B FE   | 2,449,540  |            | 1,796,319       | 2,000,000     | 2,426,986    | 0          | (12,536)    | 0             | 0        | 4.950  | 3.549     | FA   | 37,400   | 99,000      | 02/26/2021 | 08/15/2045  |
| 67103H-AE-7    | O'REILLY AUTOMOTIVE INC-SR UNSECURED     |                          |        | 2     | 2.A FE   | 998,320    | 95.8533    | 958,533         | 1,000,000     | 999,409      | 0          | 160         | 0             | 0        | 3.550  | 3.568     | MS   | 10,453   | 35,500      | 03/01/2016 | 03/15/2026  |
| 67103H-AF-4    | O'REILLY AUTOMOTIVE INC-SENIOR UNSECURED |                          |        | 1,2   | 2.A FE   | 1,996,800  |            | 1,886,084       | 2,000,000     | 1,998,414    | 0          | 293         | 0             | 0        | 3.600  | 3.618     |      | 24,000   | 72,000      | 08/10/2017 | 09/01/2027  |
| 67103H-AJ-6    | O'Reilly Automotive Inc-SENIOR UNSECURED |                          |        | 1,2   | 2.A FE   | 1,999,180  |            | 1,884,564       | 2,000,000     | 1,999,369    | 0          | 60          | 0             | 0        | 4.200  |           | A0   | 21,000   | 84,000      | 03/25/2020 | 04/01/2030  |
| 67103H-AK-3    | O'Reilly Automotive Inc-SENIOR UNSECURED |                          |        | 1,2   | 2.B FE   |            | 77 . 4482  | 1,316,620       | 1,700,000     | 1,544,017    | 0          | 13,456      | 0             | 0        | 1.750  | 3.021     |      | 8,760    | 29,750      | 03/04/2022 | 03/15/2031  |
| 759351-AN-9    | Reinsurance Group of Ame-SENIOR UNSECURE |                          |        | 1,2   | 2.A FE   | 7,805,938  | 91.6671    | 7,480,032       | 8, 160,000    | 7,823,542    | 0          | 17,604      | 0             | 0        | 3.900  |           | MN   | 40,664   | 159, 120    | 08/09/2022 | 05/15/2029  |
| 860630-AD-4    | Stifel Financial Corp-SENIOR UNSECURED N | ··· ···                  |        |       | 2.C FE   | 986,660    |            | 979,815         | 1,000,000     | 996,893      | 0          | 1,886       | 0             | 0        | 4.250  | 4.459     |      | 19,243   | 42,500      | 12/28/2016 | 07/18/2024  |
| 906548-CR-1    | Union Electric Co-FIRST LIEN             |                          |        | 1,2   | 1.F FE   | 1,998,280  |            | 1,757,119       | 2,000,000     | 1,998,700    | 0          | 153         | 0             | 0        | 2.950  |           | MS   | 17,372   | 59,000      | 03/17/2020 | 03/15/2030  |
| 06051G-FF-1    | Bank of America Corp-SENIOR UNSECURED NO |                          |        |       | 1.G FE   |            | 98.7389    | 534, 178        | 541,000       | 540,695      | 0          | 212         | 0             | 0        | 4.000  | 4.043     |      | 5,410    | 21,640      | 03/27/2014 | 04/01/2024  |
| 06051G-FH-7    | Bank of America Corp-SUBORDINATED NOTE   | .                        |        |       | 2.A FE   | 1,998,540  |            | 1,969,716       | 2,000,000     | 1,999,712    | 0          | 112         | 0             | 0        | 4.200  |           | FA   | 29, 167  | 84,000      | 08/21/2014 | 08/26/2024  |
| 06051G-GC-7    | BANK OF AMERICA CORP-SUBORDINATED        |                          |        | 2     | 2.A FE   | 3,982,900  |            | 3,799,502       | 4,000,000     | 3,991,027    | 0          | 2, 102      | 0             | 0        | 4. 183 |           | MN   | 8,366    | 83,660      | 01/19/2017 | 11/25/2027  |
| 06051G-HD-4    | Bank of America Corp-SENIOR UNSECURED    |                          |        | 1,2   | 1.F FE   | 2,572,993  |            | 2,347,067       | 2,591,000     | 2,580,436    | 0          | 1,562       | 0             | 0        | 3.419  | 3.495     |      | 2,707    |             | 12/20/2017 | 12/20/2028  |
| 07330M-AA-5    | Branch Banking & Trust C-SUBORDINATED    |                          |        | 2     | 1.F FE   | 1,995,120  |            | 1,895,389       | 2,000,000     | 1,998,259    | 0          | 395         | 0             | 0        | 3.800  |           | A0   | 12,878   | 76,000      | 09/22/2014 | 10/30/2026  |
| 07330M-AB-3    | BRANCH BANKING & TRUST-SUBORDINATED      |                          |        | 2     | 1.F FE   |            | 95.8353    | 1,916,706       | 2,000,000     | 1,999,603    | 0          | 110         | 0             | 0        | 3.625  |           | MS   | 21, 146  | 72,500      | 09/09/2015 | 09/16/2025  |
| 10922N-AC-7    | Brighthouse Financial In-SENIOR UNSECURE |                          |        | 1,2   | 2.B FE   |            |            | 1,039,934       | 1, 121,000    | 1, 120,543   | 0          | 90          | 0             | 0        | 3.700  | 3.710     |      | 1,037    | 41,477      | 06/15/2017 | 06/22/2027  |
| 10922N-AF-0    | Brighthouse Financial In-SENIOR UNSECURE | ··· ···                  |        | 1,2   | 2.B FE   | 2,243,020  |            |                 | 2,000,000     | 2,236,050    | 0          | (5,839)     | 0             | 0        | 4.700  | 3.935     |      | 2,350    | 94,000      | 10/08/2021 | 06/22/2047  |
| 10922N-AG-8    | Brighthouse Financial In-SENIOR UNSECURE | · · · · · ·              |        | 1,2   | 2.B FE   | 5,751,850  |            |                 | 5,000,000     | 5,678,320    | 0          | (73,530)    |               | 0        | 5.625  | 000       | MN   | 35,938   | 281,250     | 02/09/2022 | 05/15/2030  |
| 431282-AS-1    | Highwoods Realty LP-SENIOR UNSECURED     |                          |        | 1,2   | 2.B FE   |            |            | 795,601         | 1,000,000     | 998, 158     | 0          | 225         | 0             | 0        | 3.050  | 3.079     | FA   | 11,522   | 30,500      | 09/04/2019 | 02/15/2030  |
| 45687A-AJ-1    | Trane Technologies Globa-SENIOR UNSECURE | ··· ···                  |        |       | 2.B FE   | 2,994,450  |            |                 | 3,000,000     | 2,999,659    | 0          | 611         |               | 0        | 4.250  | 4.271     | JD   | 5,667    | 127,500     | 06/17/2013 | 06/15/2023  |
| 50540R-AQ-5    | Laboratory Corp of Ameri-SR UNSECURED    | ·                        |        | 1,2   | 2.B FE   | 998,500    |            | 968,419         | 1,000,000     | 999,644      | 0          | 152         | 0             | 0        | 3.600  | 3.617     |      | 15,000   | 36,000      | 01/21/2015 | 02/01/2025  |
| 548661-CZ-8    | Lowe's Cos Inc-SENIOR UNSECURED          | ·                        |        | 1,2   | 2.A FE   |            |            | 1,986,457       | 2,000,000     | 1,998,958    | 0          | 1,303       | 0             | 0        | 3.875  |           | MS   | 22,819   | 77,500      | 09/04/2013 | 09/15/2023  |
| 548661-DU-8    | Lowe's Cos Inc-SENIOR UNSECURED          | ·}··· ···                |        | 1,2   | 2.A FE   |            | 95.7689    | 3,639,216       | 3,800,000     | 3,906,704    | 0          | (11,146)    | 0             | 0        | 4.500  | 0.477     | A0   | 17,100   | 81,000      | 03/16/2022 | 04/15/2030  |
| 637138-AC-2    | Truist Financial Corp-SENIOR UNSECURED   | · <del> </del> · · · · · |        |       | 1.G FE   | 2,000,000  |            | 1,974,129       | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 4.250  | 4.248     | MS   | 21,486   | 85,000      | 09/09/2014 | 09/30/2024  |
| 86787G-AJ-1    | SunTrust Bank/Atlanta GA-SUBORDINATED    |                          |        | 2     | 1.F FE   |            | 94.1717    |                 | 2,000,000     | 1,996,216    | 0          | 1,028       | 0             | 0        | 3.300  | 3.359     | MN   | 8,433    | 66,000      | 05/11/2016 | 05/15/2026  |

## **SCHEDULE D - PART 1**

|                            |  |     |     |      |          |             |            | Showing All Lo | ng-Term BOND | S Owned Dece           | mber 31 of | Current Ye    | ar            |          |        |           |          |          |             |            |             |
|----------------------------|--|-----|-----|------|----------|-------------|------------|----------------|--------------|------------------------|------------|---------------|---------------|----------|--------|-----------|----------|----------|-------------|------------|-------------|
| 1                          | 2  |     | Cod | les  | 6        | 7           | ı          | Fair Value     | 10           | 11                     | Change     | e in Book/Adj | usted Carryin | g Value  |        |           | I        | nterest  |             | Da         | tes         |
|                            |  | 3   | 4   | 5    |          |             | 8          | 9              |              |                        | 12         | 13            | 14            | 15       | 16     | 17        | 18       | 19       | 20          | 21         | 22          |
|                            |  |     |     |      | NAIC     |             |            |                |              |                        |            |               |               |          |        |           |          |          |             |            |             |
|                            |  |     |     |      | Desig-   |             |            |                |              |                        |            |               |               |          |        |           |          |          |             |            |             |
|                            |  |     |     |      | nation,  |             |            |                |              |                        |            |               |               |          |        |           |          |          |             |            |             |
|                            |  |     |     |      | NAIC     |             |            |                |              |                        |            |               |               | Total    |        |           |          |          |             |            |             |
|                            |  |     |     |      | Desig-   |             |            |                |              |                        |            |               |               | Foreign  |        |           |          |          |             |            |             |
|                            |  |     | F   |      | nation   |             |            |                |              |                        |            |               | Current       | Exchange |        |           |          |          |             |            |             |
|                            |  |     | 0   |      | Modifier |             |            |                |              |                        |            |               | Year's        | Change   |        |           |          |          |             |            |             |
|                            |  |     | r   |      | and      |             | Rate       |                |              |                        |            | Current       | Other-        | in       |        |           |          |          |             |            |             |
|                            |  | С   | е   |      | SVO      |             | Used to    |                |              | Book/                  | Unrealized | Year's        | Than-         | Book/    |        |           |          | Admitted |             |            | Stated      |
|                            |  | 0   | i   |      | Admini-  |             | Obtain     |                |              | Adjusted               | Valuation  | (Amor-        | Temporary     | Adjusted |        | Effective |          | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d   | g   | Bond | strative | Actual      | Fair       | Fair           | Par          | Carrying               | Increase/  | tization)     | Impairment    | Carrying | Rate   | Rate      | When     | Due and  | Received    |            | Maturity    |
| Identification             | Description                              | е   | n   | Char | Symbol   | Cost        | Value      | Value          | Value        | Value                  | (Decrease) | Accretion     | Recognized    | Value    | of     | of        | Paid     | Accrued  | During Year | Acquired   | Date        |
| 931009-AE-4                | Wake Forest University-UNSECURED         |     |     |      | 1.D FE   | 2,290,000   |            | 2,100,375      | 2,290,000    | 2,290,000              | 0          | 0             | 0             | 0        | 3.451  | 3.451     | JJ       | 36,441   | 79,028      | 07/26/2012 | 01/15/2032  |
| 93100P-AA-6                | Wake Forest University B-UNSECURED       |     |     | 1,2  | 1.F FE   | 2,000,000   |            | 1,879,683      | 2,000,000    | 2,000,024              | 0          | (16)          | 0             | 0        | 3.093  | 3.092     | JD       | 5, 155   | 61,860      | 10/27/2016 | 06/01/2026  |
| 084670-BS-6                | BERKSHIRE HATHAWAY INC-SENIOR UNSECURED  |     |     | 1,2  | 1.C FE   | 1,998,120   |            | 1,920,603      | 2,000,000    | 1,999,348              | 0          | 173           | 0             | 0        | 3. 125 | 3. 135    |          | 18,403   | 62,500      | 03/08/2016 | 03/15/2026  |
| 335720-AB-4                | First National of Nebras-SUBORDINATED    |     |     | 2    | 2.B FE   |             | 96.0958    | 1,921,916      | 2,000,000    | 2,000,000              | 0          | (48)          | 0             | 0        | 4.375  |           | A0       | 21,875   |             | 03/13/2018 | 04/01/2028  |
| 87236Y-AD-0                | TD Ameritrade Holding Co-SENIOR UNSECURE | .   |     | 1,2  | 1.F FE   | 1,999,000   |            | 1,908,906      | 2,000,000    | 1,999,751              | 0          | 70            | 0             | 0        | 3.625  | 3.629     | AO       | 18, 125  | 72,500      | 10/17/2014 | 04/01/2025  |
| 87236Y-AJ-7                | TD Ameritrade Holding Co-SENIOR UNSECURE | .   |     | 1,2  | 1.F FE   | 998,880     |            | 848,830        | 1,000,000    | 999,204                | 0          | 103           | 0             | 0        | 2.750  | 2.763     | A0       | 6,875    | 27,500      | 08/13/2019 | 10/01/2029  |
| 907818-ED-6                | UNION PACIFIC CORP-SR UNSECURED          |     |     | 1,2  | 1.G FE   |             | 95.7615    | 2,872,845      | 3,000,000    | 2,994,627              | 0          | 1,903         | 0             | 0        | 3.250  | 3.321     | rA       | 36,833   |             | 06/16/2015 | 08/15/2025  |
| 053015-AE-3                | AUTOMATIC DATA PROCESSING-SR UNSECURED   |     |     | 1,2  | 1.D FE   |             | 96.9496    | 1,938,992      | 2,000,000    | 1,999,349              | 0          | 202           | 0             | 0        |        | 3.386     |          | 19,875   | 67,500      | 09/08/2015 | 09/15/2025  |
| 05565E-BE-4                | BMW US Capital LLC-SENIOR UNSECURED      |     |     | .,   |          | 2,995,320   |            | 2,832,886      | ., ,         | 2,997,201              |            |               |               |          | 3.950  | 3.968     |          | 45,096   | 118,500     | 08/07/2018 | 08/14/2028  |
| 05565E-BL-8<br>171232-AE-1 | BMW US Capital LLC-SENIOR UNSECURED      |     |     | 1,2  | 1.F FE   |             |            | 1,900,307      | 2,000,000    | 1,997,750<br>1,182,047 |            |               |               | 0        | 4. 150 | 4.167     | A0       |          |             | 04/06/2020 | 04/09/2030  |
| 171232-AE-1<br>171232-AQ-4 | CHUBB CORP-SR UNSECURED                  |     |     |      | 1.F FE   |             |            |                | 2,350,000    |                        |            | (10, 534)     |               | 0        |        | 3.262     | MIN      |          | 141,000     | 03/01/2014 | 05/11/2037  |
| 233835-AQ-0                | DAIMLER FINANCE NA LLC-SR UNSECURED      |     |     |      | 1.F FE   | 3, 115, 090 | 123.4537   |                |              | 3,082,897              |            | (32, 193)     |               |          | 8.500  | 4 . 161   | MN       |          |             | 03/04/2022 | 05/11/203/  |
| 233851-BJ-2                | Daimler Finance North Am-SENIOR UNSECURE |     |     |      | 1.6 FE   |             | 96.8560    |                | 2,000,000    |                        |            |               |               | 0        | 3.250  | 3.363     | JJ       | 27,083   |             | 03/10/2016 | 08/01/2024  |
| 233851-CU-6                | Daimler Finance North Am-SENIOR UNSECURE |     |     |      | 1.G FE   | 1,991,960   |            |                | 2,000,000    | 1,996,439              |            | 811           |               |          | 3.450  | 3.498     | 11       |          |             | 01/03/2017 | 01/06/2027  |
| 233851-DW-1                | Daimler Finance North Am-SENIOR UNSECURE |     |     |      | 1.6 FE   |             | 87.2466    |                | 2,000,000    | 1,994,646              |            | 711           |               | 0        | 3.430  | 3.496     | 50<br>FΔ |          |             | 08/12/2019 | 08/15/2029  |
| 478160-BJ-2                | Johnson & Johnson-SR UNSECURED           |     |     | 1 2  | 1 A FF   |             | 98.1253    |                | 2,000,000    | 1,992,734              |            | 503           |               |          | 4.375  |           | .ID      | 50,069   |             | 12/02/2013 | 12/05/2033  |
| 58769J-AB-3                | Mercedes-Benz Finance No-SENIOR UNSECURE | 30. |     | 1,2  | 1.6 FE   |             | . 100.6734 | 2.013.468      | 2,000,000    | 2.002.810              |            | (190)         |               |          | 5.375  | 5.320     | 00       | 9.854    | 45,730      | 11/22/2022 | 11/26/2025  |
| 744320-AY-8                | Prudential Financial Inc-SENIOR UNSECURE |     |     | 1.2  | 1.G FE   |             | 80.0943    | 4.204.949      | 5,250,000    | 5,276,443              | 0          | (644)         | 0             | 0        | 3.905  | 3.873     | ID       |          |             | 12/07/2017 | 12/07/2047  |
| 74456Q-BH-8                | Public Service Electric -SECURED         |     |     | 1,2  | 1.F FE   |             | 96.8874    | 968.874        | 1.000.000    | 999.669                | 0          | 182           | 0             | 0        | 3. 150 | 3. 170    | FA       |          |             | 08/06/2014 | 08/15/2024  |
| 919794-AB-3                | VALLEY NATIONAL BANCORP-SUBORDINATED NOT |     |     |      | 2.B FE   |             | 99.6635    | 1,993,269      | 2,000,000    | 2.001.448              | 0          | (2.085)       | 0             | 0        | 5. 125 | 5.013     |          |          |             | 10/23/2013 | 09/27/2023  |
| 24422E-SP-5                | John Deere Capital Corp-SR UNSECURED     |     |     |      | 1.F FE   |             | 97.9877    | 1.959.754      | 2,000,000    | 1.999.743              | 0          | 153           | 0             | 0        | 3.350  | 3.358     |          | 3.536    | 67.000      | 06/09/2014 | 06/12/2024  |
| 03765H-AA-9                | Apollo Management Holdin-SENIOR UNSECURE |     |     |      | 1.G FE   | 1,994,440   |            | 1,941,638      | 2,000,000    | 1,999,064              | 0          | 592           | 0             | 0        | 4.000  |           | MN       | 6.889    |             | 05/27/2014 | 05/30/2024  |
| 03765H-AB-7                | Apollo Management Holdin-SENIOR UNSECURE |     |     | 1.2  | 1.G FE   |             | 95.0397    |                | 3.000.000    | 3,000,744              | 0          | (402)         | 0             | 0        | 4.400  | 4.352     | MN       | 4, 156   | 44,000      | 11/18/2016 | 05/27/2026  |
| 038923-AD-0                | Arbor Realty Trust Inc-SENIOR UNSECURED  |     |     | 1,2  | 1.F PL   |             | 98.4700    | 3,938,800      | 4,000,000    | 3,999,070              | 0          | 2, 124        | 0             | 0        | 5.625  | 5.678     |          | 37,500   | 225,000     | 05/10/2018 | 05/01/2023  |
| 04010L-AU-7                | ARES CAPITAL CORP-SENIOR UNSECURED       |     |     | 1,2  | 2.C FE   | 1,998,420   | 99.7780    | 1,995,560      | 2,000,000    | 1,999,921              | 0          | 248           | 0             | 0        | 3.500  | 3.513     | FA       | 27,417   | 70,000      | 08/07/2017 | 02/10/2023  |
| 04010L-AV-5                | Ares Capital Corp-SENIOR UNSECURED       |     |     | 1,2  | 2.0 FE   | 1,992,420   |            | 1,897,558      | 2,000,000    | 1,997,515              | 0          | 1,028         | 0             | 0        | 4.250  | 1         | MS       | 28,333   | 85,000      | 01/08/2018 | 03/01/2025  |
| 04621W-AC-4                | Assured Guaranty US Hold-SENIOR UNSECURE |     |     |      | 2.A FE   |             | 99.5777    | 657,213        | 660,000      | 659,756                | 0          | 153           | 0             | 0        | 5.000  | 5.026     | JJ       | 16,500   | 33,000      | 06/17/2014 | 07/01/2024  |
| 04621X-AJ-7                | Assurant Inc-SENIOR UNSECURED            | .   |     | 1,2  | 2.B FE   | 1,992,340   | 95.9064    | 1,918,128      | 2,000,000    | 1,995,598              | 0          | 695           | 0             | 0        | 4.900  | 4.947     |          | 25,589   | 98,000      | 03/22/2018 | 03/27/2028  |
| 054561-AJ-4                | AXA Equitable Holdings I-SENIOR UNSECURE | .   |     | 1,2  | 2.A FE   |             | 95.3507    | 3,814,027      | 4,000,000    | 3,876,845              | 0          | 19,770        | 0             | 0        | 4.350  | 5.017     | A0       | 34,317   | 174,000     | 05/16/2018 | 04/20/2028  |
| 06406G-AA-9                | Bank of New York Mellon -SUBORDINATED    |     |     | 2    | 1.F FE   |             | 89.4020    | 1,788,040      | 2,000,000    | 1,998,857              | 0          | 169           | 0             | 0        | 3.000  | 3.010     | A0       | 10,167   | 60,000      | 10/24/2016 | 10/30/2028  |
| 06406H-CQ-0                | Bank of New York Mellon -SENIOR UNSECURE | .   |     | 2    | 1.F FE   |             | 97.9296    | 1,958,592      | 2,000,000    | 2,023,660              | 0          | (7,921)       | 0             | 0        | 3.950  | 3.502     |          | 9,436    | 79,000      | 07/31/2014 | 11/18/2025  |
| 06406Y-AA-0                | Bank of New York Mellon -SUBORDINATED    |     |     | 2    | 1.F FE   | 2,000,000   | 89.6231    | 1,792,462      | 2,000,000    | 2,000,000              | 0          | 0             | 0             | 0        | 3.300  | 3.300     | FA       | 23,467   | 66,000      | 08/16/2017 | 08/23/2029  |
| 110122-CP-1                | Bristol-Myers Squibb Co-SENIOR UNSECURED |     |     | 1,2  | 1.F FE   | 991,750     | 92.9346    | 929,346        | 1,000,000    | 994,414                | 0          | 742           | 0             | 0        | 3.400  | 3.496     | JJ       | 14,639   | 34,000      | 05/07/2019 | 07/26/2029  |
| 110122-DH-8                | Bristol-Myers Squibb Co-SENIOR UNSECURED |     |     | 1,2  | 1.F FE   |             | 91.5987    | 1,831,974      | 2,000,000    | 2,495,386              | 0          | (16,834)      | 0             | 0        | 4.625  | 3.017     |          | 11,819   | 92,500      | 02/26/2021 | 05/15/2044  |
| 114259-AN-4                | Brooklyn Union Gas Co/Th-SENIOR UNSECURE | .   |     | 1,2  | 2.A FE   |             | 93.8569    | 1,877,138      | 2,000,000    | 2,000,000              | 0          | 0             | 0             | 0        | 3.407  |           | MS       | 21,010   | 68,140      | 03/07/2016 | 03/10/2026  |
| 124857-AT-0                | CBS Corp-SENIOR UNSECURED                |     |     | 1,2  | 2.B FE   | 1,980,540   |            | 1,777,178      | 2,000,000    | 1,989,788              | 0          | 1,782         | 0             | 0        | 3.375  | 3.484     | FA       | 25,500   | 67,500      | 06/26/2017 | 02/15/2028  |
| 124857-AX-1                | ViacomCBS Inc-SENIOR UNSECURED           | .   |     | 1,2  | 2.B FE   | 1,966,000   |            | 1,785,243      | 2,000,000    | 1,980,850              | 0          | 3,110         | 0             | 0        | 3.700  | 3.897     | JD       | 6,167    | 74,000      | 11/13/2017 | 06/01/2028  |
| 172967-GT-2                | Citigroup Inc-SUBORDINATED               | .   |     |      | 2.B FE   |             | 99.5271    | 995,271        | 1,000,000    | 999,743                | 0          | 597           | 0             | 0        | 3.500  | 3.562     |          | 4,472    | 35,000      | 05/07/2013 | 05/15/2023  |
| 172967-HB-0                | CITIGROUP INC-SUBORDINATED               | .   |     |      | 2.B FE   |             | . 100.6387 | 3,019,161      | 3,000,000    | 3,000,000              | 0          | 0             | 0             | 0        | 5.500  |           | MS       | 49,500   | 165,000     | 09/10/2013 | 09/13/2025  |
| 172967-KU-4                | Citigroup Inc-SUBORDINATED               | .   |     |      | 2.B FE   |             | 93.0985    | 7,447,881      | 8,000,000    | 7,952,667              | 0          | 7,343         | 0             | 0        | 4. 125 | 4.245     |          | 143,000  | 330,000     | 01/17/2017 | 07/25/2028  |
| 172967-MP-3                | Citigroup Inc-SENIOR UNSECURED           | .   |     | 1,2  | 1.G FE   | 5,455,200   |            | 4,590,677      | 5,000,000    | 5,410,705              | 0          | (44,495)      | 0             | 0        | 4.412  | 3. 135    |          | 55,763   | 220,600     | 02/08/2022 | 03/31/2031  |
| 35137L-AL-9                | Fox Corp-SENIOR UNSECURED                | ·   |     | 1,2  | 2.B FE   | 1,995,980   |            | 1,773,516      | 2,000,000    | 1,996,936              | 0          | 355           | 0             | 0        | 3.500  | 3.523     | AO       |          | 70,000      | 03/31/2020 | 04/08/2030  |
| 38141E-C2-3                | GOLDMAN SACHS GROUP INC-SR UNSECURED     | .   |     | 1,2  | 2.A FE   |             | 98.0317    | 2,940,950      | 3,000,000    | 2,999,298              | 0          | 428           | 0             | 0        | 3.850  | 3.866     | JJ       | 55,504   | 115,500     | 06/30/2014 | 07/08/2024  |
| 38141G-RD-8                | GOLDMAN SACHS GROUP INC-SR UNSECURED     | .   |     |      | 2.A FE   |             | 99.9161    | 699,413        | 700,000      | 699,974                | 0          | 243           | 0             | 0        | 3.625  | 3.661     | JJ       | 11,207   | 25,375      | 01/16/2013 | 01/22/2023  |

## **SCHEDULE D - PART 1**

|                            |  |     |     |      |                  |                             | Showing All Lo                        | ng-Term BOND | S Owned Dece | mber 31 of | Current Ye    | ar            |          |        |           |            |          |             |            |             |
|----------------------------|--|-----|-----|------|------------------|-----------------------------|---------------------------------------|--------------|--------------|------------|---------------|---------------|----------|--------|-----------|------------|----------|-------------|------------|-------------|
| 1                          | 2  |     | Cod | es   | 6                | 7                           | Fair Value                            | 10           | 11           | Change     | e in Book/Adj | usted Carryin | g Value  |        |           | ı          | Interest |             | Da         | tes         |
|                            |  | 3   | 4   | 5    |                  |                             | 8 9                                   |              |              | 12         | 13            | 14            | 15       | 16     | 17        | 18         | 19       | 20          | 21         | 22          |
|                            |  |     |     |      | NAIC             |                             |                                       |              |              |            |               |               |          |        |           |            |          |             |            |             |
|                            |  |     |     |      | Desig-           |                             |                                       |              |              |            |               |               |          |        |           |            |          |             |            |             |
|                            |  |     |     |      | nation,          |                             |                                       |              |              |            |               |               |          |        |           |            |          |             |            |             |
|                            |  |     |     |      | NAIC             |                             |                                       |              |              |            |               |               | Total    |        |           |            |          |             |            |             |
|                            |  |     |     |      | Desig-           |                             |                                       |              |              |            |               |               | Foreign  |        |           |            |          |             |            |             |
|                            |  |     | F   |      | nation           |                             |                                       |              |              |            |               | Current       | Exchange |        |           |            |          |             |            |             |
|                            |  |     | 0   |      | Modifier         |                             |                                       |              |              |            |               | Year's        | Change   |        |           |            |          |             |            |             |
|                            |  |     | r   |      | and              |                             | Rate                                  |              |              |            | Current       | Other-        | in       |        |           |            |          |             |            |             |
|                            |  | С   | е   |      | SVO              |                             | ed to                                 |              | Book/        | Unrealized | Year's        | Than-         | Book/    |        |           |            | Admitted |             |            | Stated      |
|                            |  | 0   | i   |      | Admini-          |                             | btain                                 |              | Adjusted     | Valuation  | (Amor-        | Temporary     | Adjusted |        | Effective |            | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d   | g   | Bond | strative         |                             | Fair Fair                             | Par          | Carrying     | Increase/  | tization)     | Impairment    | Carrying | Rate   | Rate      | When       | Due and  | Received    |            | Maturity    |
| Identification             | Description                              | е   | n   | Char | Symbol           |                             | alue Value                            | Value        | Value        | (Decrease) | Accretion     | Recognized    | Value    | of     | of        | Paid       | Accrued  | During Year | Acquired   | Date        |
| 38141G-WL-4                | Goldman Sachs Group Inc/-SENIOR UNSECURE |     |     | 1,2  | 2.A FE           |                             | 2.8577928,577                         |              | 1,000,000    | 0          | 0             | 0             | 0        | 3.691  | 3.691     | JD         | 2,666    | 36,910      | 05/31/2017 | 06/05/2028  |
| 38141G-WQ-3                | Goldman Sachs Group Inc/-SENIOR UNSECURE |     |     | 1,2  | 2.A FE           |                             | 6.3973                                |              | 1,850,000    | 0          | 0             | 0             | 0        | 3.272  | 3.272     | MS         | 15,469   | 60,532      | 09/26/2017 | 09/29/2025  |
| 38141G-XG-4                | Goldman Sachs Group Inc/-SENIOR UNSECURE |     |     | 1,2  | 1.F FE           |                             | 3.5174835, 174                        |              | 962,931      | 0          | 3,751         | 0             | 0        | 2.600  | 3.187     | FA         | 10,400   | 13,000      | 03/03/2022 | 02/07/2030  |
| 38145G-AH-3                | GOLDMAN SACHS GROUP INC/-SENIOR UNSECURE |     |     | 1,2  | 2.A FE           | 1,931,74093                 |                                       |              | 1,969,960    | 0          | 7,031         | 0             | 0        | 3.500  | 3.921     | MN         | 8,750    | 70,003      | 01/19/2017 | 11/16/2026  |
| 38173M-AA-0                | Golub Capital BDC Inc-SENIOR UNSECURED   |     |     | 1,2  | 2.C FE           | 2,997,60096                 |                                       |              | 2,999,060    | 0          | 624           | 0             | 0        | 3.375  | 3.397     | A0         | 21,375   |             | 09/29/2020 | 04/15/2024  |
| 459200-JG-7                | International Business M-SENIOR UNSECURE |     |     |      | 1.G FE           | , , , , ,                   | 5.9590                                |              | 4,994,153    | 0          | 1,693         | 0             | 0        | 3.450  | 3.489     | FA         | 63,250   | 172,500     | 02/16/2016 | 02/19/2026  |
| 459200-KA-8                | International Business M-SENIOR UNSECURE |     |     |      | 1.G FE           |                             | · · · · · · · · · · · · · · · · · · · |              | 998,297      | 0          | 230           | 0             | 0        | 3.500  | 3.530     | MN         | 4,472    | 35,000      | 05/08/2019 | 05/15/2029  |
| 459200-KB-6                | International Business M-SENIOR UNSECURE |     |     |      | 1.G FE           |                             |                                       |              |              | 0          | (6,426)       | 0             | 0        | 4. 150 | 3.068     |            | 5,303    | 41,500      | 02/25/2021 | 05/15/2039  |
| 459506-AP-6                | International Flavors & -SENIOR UNSECURE |     |     | 1,2  | 2.C FE           |                             |                                       |              | 7,287,151    | 0          | 69,391        | 0             | 0        | 1.832  | 4.573     |            | 31,907   | 75,570      | 08/09/2022 | 10/15/2027  |
| 46625H-JJ-0                | JPMorgan Chase & Co-SUBORDINATED NOTE    |     |     |      | 1.G FE           |                             | 9.5482                                |              | 999,768      | 0          |               | 0             | 0        | 3.375  | 3.436     | MN         | 5,625    |             | 04/24/2013 | 05/01/2023  |
| 46625H-JY-7                | JPMorgan Chase & Co-SUBORDINATED NOTE    |     |     |      | 1.6 FE           | , ,                         | 7.9078                                |              | , ,          |            |               |               | 0        | 3.875  | 0.000     | .ID        |          |             | 09/03/2014 | 09/10/2024  |
| 46625H-RX-0<br>46625H-RY-8 | JPMORGAN CHASE & CO-SUBORDINATED         |     |     | 2    | 1.6 FE<br>1 F FF | 1,942,74092                 |                                       |              |              | 0          | 5,212         | 0             | 0        | 3.625  | 3.950     | JD         | 6,042    | 72,500      | 01/17/2017 | 12/01/2027  |
| 47233J-AG-3                | Jefferies Group LLC / Je-SENIOR UNSECURE |     |     | 1,2  | 1.F FE           |                             |                                       |              |              |            | 2.977         |               | 0        | 4.850  | 4.925     | FA         |          |             | 01/25/2017 | 02/01/2028  |
| 49338C-AB-9                | KevSpan Gas East Corp-UNSECURED          |     |     | 1,2  | 2.8 FE           |                             |                                       |              |              |            | (13)          |               | 0        | 2.742  | 4.925     |            | 20,717   | 54,840      | 08/02/2017 | 08/15/2026  |
| 52107Q-AG-0                | LAZARD GROUP LLC-SENIOR UNSECURED        |     |     | 1,2  | 2.A FE           |                             |                                       |              |              |            |               |               | 0        | 3.750  | 3.782     |            |          |             | 08/02/2016 | 02/13/2025  |
| 52107Q-AH-8                | LAZARD GROUP LLC-SENIOR UNSECURED        |     |     | 1.0  | 2.A FE           | 978,89092                   | · · · · · · · · · · · · · · · · · · · |              | 999,327      |            | 2 066         |               |          | 3.750  | 3.762     |            | 12,000   |             | 11/09/2016 | 03/01/2027  |
| 52107Q-AH-8                | Lazard Group LLC-SENIOR UNSECURED        |     |     | 1.2  | 2.A FE           | 2,930,67092                 |                                       |              | 2.934.424    |            | 3.754         |               |          | 4.500  | 4.942     |            |          |             | 08/09/2022 | 09/19/2028  |
| 527288-BE-3                | Jefferies Financial Grou-SENIOR UNSECURE |     |     | 1.2  | 2.8 FE           |                             |                                       | ., ,         | 2,994,424    |            | 4.734         |               | 0        | 5.500  | 5.672     | MO         |          | 165,000     | 10/15/2013 | 10/18/2023  |
| 55279H-AK-6                | MANUF & TRADERS TRUST CO-SR UNSECURED    |     |     | 2    | 1.G FE           |                             |                                       | 2.000,000    |              |            | 223           |               | 0        | 2.900  | 2.912     | ΑU         |          | 58,000      | 02/03/2015 | 02/06/2025  |
| 571748-AX-0                | Marsh & McLennan Cos Inc-SENIOR UNSECURE |     |     | 1.2  | 2.A FE           | 1,992,34097                 |                                       |              | 1,998,167    | 0          | 759           | 0             | 0        | 3.500  | 3.542     |            | 21.583   | 70,000      | 09/03/2014 | 03/10/2025  |
| 571748-AZ-5                | Marsh & McLennan Cos Inc-SR UNSECURED    |     |     | 1.2  | 2.A FE           | 1.998.46097                 |                                       |              | 1.999.487    | 0          | 124           | 0             | 0        | 3.750  | 3.757     |            | 22.292   | 75,000      | 09/09/2015 | 03/14/2026  |
| 615369-AS-4                | Moody's Corp-SENIOR UNSECURED            |     |     | 1.2  | 2.A FE           | 1,997,74097                 |                                       |              | 1,998,914    | 0          | 421           | 0             | 0        | 3.750  | 3.774     |            |          | 75,000      | 03/20/2020 | 03/24/2025  |
| 617446-8U-6                | Morgan Stanley-SENIOR UNSECURED          |     |     | 1.2  | 1.E FE           | 3,679,32975                 |                                       |              | 3,715,211    | 0          |               | 0             | 0        | 1.794  | 3.267     |            |          |             | 03/16/2022 | 02/13/2032  |
| 61746B-DQ-6                | Morgan Stanley-SR UNSECURED              |     |     |      | 1.G FE           | 1,982,48098                 |                                       | 2.000.000    | 1.997.248    | 0          | 1.918         | 0             | 0        | 3.875  | 3.979     | AO         | 13.347   | 77,500      | 04/23/2014 | 04/29/2024  |
| 61746B-DZ-6                | Morgan Stanley-SENIOR UNSECURED          |     |     |      | 1.G FE           |                             |                                       |              | 2,000,647    | 0          | (209)         | 0             | 0        | 3.875  | 3.863     | JJ         | 33, 153  |             | 12/14/2016 | 01/27/2026  |
| 61746B-EF-9                | MORGAN STANLEY-SENIOR UNSECURED          | ``L |     |      | 1.G FE           |                             | 4.3911                                | 2.000.000    | 1.990.996    | 0          | 2.014         | 0             | 0        | 3.625  | 3.745     | JJ         | 32,424   | 72,500      | 01/17/2017 | 01/20/2027  |
| 62952E-AD-9                | NYU Langone Hospitals-SECURED            |     |     |      | 1.F FE           |                             |                                       | 1,000,000    | 999.888      | 0          | 6             | 0             | 0        | 4.168  | 4. 169    | JJ         | 20.840   | 41,680      | 05/23/2017 | 07/01/2037  |
| 636180-BL-4                | NATIONAL FUEL GAS CO-SENIOR UNSECURED NO |     |     | 1    | 2.C FE           | 1,396,26299                 |                                       | 1,400,000    | 1,399,882    | 0          | 371           | 0             | 0        | 3.750  | 3.777     |            | 17,500   | 52,500      | 02/12/2013 | 03/01/2023  |
| 636180-BM-2                | National Fuel Gas Co-SENIOR UNSECURED    |     |     | 1,2  | 2.C FE           | 1,993,72099                 | 9.3483                                | 2,000,000    | 1,998,131    | 0          | 654           | 0             | 0        | 5.200  | 5.239     | JJ         | 47,956   | 104,000     | 06/22/2015 | 07/15/2025  |
| 636180-BN-0                | National Fuel Gas Co-SENIOR UNSECURED    |     |     | 1,2  | 2.C FE           | 993, 1709                   | 1.7857917,857                         | 1,000,000    | 996,452      | 0          | 663           | 0             | 0        | 3.950  | 4.032     | MS         | 11,631   | 39,500      | 09/18/2017 | 09/15/2027  |
| 64128X-AG-5                | NEUBERGER BERMAN GRP/FIN-SENIOR UNSECURE |     | .   | 1,2  | 2.B FE           | 992,05095                   |                                       |              | 996,241      | 0          | 780           | 0             | 0        | 4.500  | 4.598     | MS         | 13,250   | 45,000      | 03/09/2017 | 03/15/2027  |
| 649445-AC-7                | New York Community Banco-SUBORDINATED    |     |     | 2    | 2.C FE           | 4,000,00096                 | 3,869,913                             | 4,000,000    | 4,000,000    | 0          | 0             | 0             | 0        | 5.900  | 5.900     | MN         | 36,056   | 236,000     | 11/02/2018 | 11/06/2028  |
| 650119-AA-8                | New York University-UNSECURED            |     |     | 1    | 1.D FE           | 2,592,64397                 | 7.9544                                | 2,646,000    | 2,618,444    | 0          | 4,953         | 0             | 0        | 5.236  | 5.488     | JJ         | 69,272   | 138,545     | 09/28/2010 | 07/01/2032  |
| 681919-BD-7                | Omnicom Group Inc-SENIOR UNSECURED       |     |     | 1,2  | 2.A FE           | 2,994,6908                  | 1.4054                                | 3,000,000    | 2,995,401    | 0          | 468           | 0             | 0        | 2.600  | 2.620     | FA         | 32,500   | 78,000      | 04/28/2021 | 08/01/2031  |
| 71270Q-EB-8                | People's United Bank NA-SUBORDINATED     |     |     | 2    | 2.A FE           | 2,982,27098                 | 3.1165                                | 3,000,000    | 2,996,810    | 0          | 1,942         | 0             | 0        | 4.000  | 4.071     | JJ         | 55,333   | 120,000     | 06/23/2014 | 07/15/2024  |
| 717081-CY-7                | Pfizer Inc-SENIOR UNSECURED NOTE         |     |     | 1    | 1.E FE           | 1,504,370 . 12 <sup>-</sup> |                                       |              | 1,402,458    | 0          | (17,628)      | 0             | 0        | 7.200  | 3.840     | MS         | 21,200   | 72,000      | 08/03/2016 | 03/15/2039  |
| 717081-DH-3                | PFIZER INC-SR UNSECURED                  |     |     |      | 1.E FE           |                             | 9.3339993,339                         |              | 999,038      | 0          | 2,042         | 0             | 0        | 3.000  | 3.212     | JD         | 1,333    | 30,000      | 06/19/2013 | 06/15/2023  |
| 717081-EA-7                | Pfizer Inc-SENIOR UNSECURED              |     |     |      | 1.E FE           |                             | 4.6401946,401                         | 1,000,000    | 996,344      | 0          | 854           | 0             | 0        | 3.000  | 0.000     | <b>J</b> D | 1,333    | 30,000      | 11/14/2016 | 12/15/2026  |
| 87246Y-AC-0                | TIAA ASSET MGMT FIN LLC-SENIOR UNSECURED |     |     |      | 1.F FE           | 1,997,72097                 |                                       |              | 1,999,509    | 0          | 205           | 0             | 0        | 4. 125 | 4. 136    | MN         | 13,750   | 82,500      | 10/27/2014 | 11/01/2024  |
| 886546-AB-6                | TIFFANY & CO-SR UNSECURED                |     |     | 1,2  | 1.E FE           | 997,02098                   |                                       |              | 999,395      | 0          | 304           | 0             | 0        | 3.800  | 3.833     |            | 9,500    | 38,000      | 09/22/2014 | 10/01/2024  |
| 92343V-CQ-5                | Verizon Communications I-SR UNSECURED    |     |     | 1,2  | 2.A FE           | 5,534,10092                 |                                       |              | 5,502,017    | 0          | (32,083)      | 0             | 0        | 4.400  | 3.329     |            | 36,667   | 220,000     | 02/08/2022 | 11/01/2034  |
| 92343V-DY-7                | VERIZON COMMUNICATIONS I-SENIOR UNSECURE |     |     |      | 2.A FE           |                             | · ·                                   |              | 996,510      | 0          | 732           | 0             | 0        | 4. 125 | 4.215     |            | 12,031   | 41,250      | 03/13/2017 | 03/16/2027  |
| 92343V-EA-8                | Verizon Communications I-SENIOR UNSECURE |     |     |      | 2.A FE           | 1,994,36093                 |                                       |              | 1,995,895    | 0          | 290           | 0             | 0        | 4.500  | 4.524     |            | 35,250   | 90,000      | 08/01/2017 | 08/10/2033  |
| 92343V-ER-1                | Verizon Communications I-SENIOR UNSECURE |     |     |      | 2.A FE           | 4, 196, 14296               | 6.5632                                | 4,249,000    | 4,217,350    | 0          | 4,716         | 0             | 0        | 4.329  | 4.477     | MS         | 51,094   | 183,939     | 06/21/2018 | 09/21/2028  |

## **SCHEDULE D - PART 1**

|                            |   |   |     |         |                  |           |              | Showing All Lo | ng-Term BOND | <u>S Owne</u> d Dece | mber 31 of | Current Ye | ar            |  |        |           |      |          |             |            |             |
|----------------------------|---|---|-----|---------|------------------|-----------|--------------|----------------|--------------|----------------------|------------|------------|---------------|--|--------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2   |   | Cod |         | 6                | 7         |              | Fair Value     | 10           | 11                   |            |            | usted Carryin |  |        |           |      | Interest |             | Da         |             |
|                            |   | 3 | 4   | 5       |                  |           | 8            | 9              |              |                      | 12         | 13         | 14            | 15                                     | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |   |   |     |         | NAIC             |           |              |                |              |                      |            |            |               |  |        |           |      |          |             |            |             |
|                            |   |   |     |         | Desig-           |           |              |                |              |                      |            |            |               |  |        |           |      |          |             |            |             |
|                            |   |   |     |         | nation,          |           |              |                |              |                      |            |            |               |  |        |           |      |          |             |            |             |
|                            |   |   |     |         | NAIC             |           |              |                |              |                      |            |            |               | Total                                  |        |           |      |          |             |            |             |
|                            |   |   |     |         | Desig-           |           |              |                |              |                      |            |            |               | Foreign                                |        |           |      |          |             |            |             |
|                            |   |   | F   |         | nation           |           |              |                |              |                      |            |            | Current       | Exchange                               |        |           |      |          |             |            |             |
|                            |   |   | 0   |         | Modifier         |           |              |                |              |                      |            |            | Year's        | Change                                 |        |           |      |          |             |            |             |
|                            |   |   | r   |         | and              |           | Rate         |                |              |                      |            | Current    | Other-        | in                                     |        |           |      |          |             |            |             |
|                            |   | С | е   |         | SVO              |           | Used to      |                |              | Book/                | Unrealized | Year's     | _ Than-       | Book/                                  |        |           |      | Admitted |             |            | Stated      |
|                            |   | 0 | i   |         | Admini-          |           | Obtain       |                | _            | Adjusted             | Valuation  | (Amor-     | Temporary     | Adjusted                               |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |   | d | g   | Bond    | strative         | Actual    | Fair         | Fair           | Par          | Carrying             | Increase/  | tization)  | Impairment    | Carrying                               | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification             | Description   | е | n   | Char    | Symbol           | Cost      | Value        | Value          | Value        | Value                | (Decrease) | Accretion  | Recognized    | Value                                  | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 92343V-FE-9                | Verizon Communications I-SENIOR UNSECURE                                      |   |     | 1,2     | 2.A FE           | 996,93    |              | 882,726        | 1,000,000    | 997,687              | 0          | 277        | 0             | 0                                      | 3. 150 |           | MS   | 8,663    | 31,500      | 03/17/2020 | 03/22/2030  |
| 92556H-AD-9                | ViacomCBS Inc-SENIOR UNSECURED  |   |     | 1,2     | 2.B FE           | 10,664,00 |              |                | 10,000,000   | 10,613,759           | 0          | (50,241)   | 0             | 0                                      | 4.200  | 3.412     |      | 49,000   | 420,000     | 02/08/2022 | 05/19/2032  |
| 14149Y-BE-7                | Cardinal Health Inc-SR UNSECURED  |   |     | 1,2     | 2.B FE           | 1,998,56  |              |                | 2,000,000    | 1,999,554            | 0          | 125        | 0             | 0                                      | 3.750  |           | MS   | 22,083   | 75,000      | 06/16/2015 | 09/15/2025  |
| 17252M-AN-0                | Cintas Corp No 2-SENIOR UNSECURED   |   |     | 1,2     | 1.G FE           |           | 096.2732     | 962,732        | 1,000,000    | 998,225              | 0          | 369        | 0             | 0                                      | 3.700  | 3.744     | AU   | 9,250    | 37,000      | 03/09/2017 | 04/01/2027  |
| 26442E-AD-2                | DUKE ENERGY OHIO INC-SECURED  | . |     | 1,2     | 1.F FE           | 1,999,34  |              | 1,987,927      | 2,000,000    | 1,999,913            | 0          | 174        | 0             | 0                                      | 3.800  | 3.801     | MS   | 25,333   |             | 09/03/2013 | 09/01/2023  |
| 31677A-AB-0                | Fifth Third Bank/Cincinn-SUBORDINATED<br>First Financial Bancorp-SUBORDINATED |   |     | ٠٠٠٠٠٠٠ | 2.A FE           | 1,998,02  |              | 1,908,017      | 2,000,000    | 1,999,305            | 0          | 1/4        | 0             | 0                                      | 3.850  |           | MS   | 22,672   |             | 03/10/2016 | 03/15/2026  |
| 320209-AA-7                |   |   |     |         | 2.B FE<br>2.A FE | 3,000,00  |              | 2,914,770      |              | 3,000,000            | 0          | 0          | 0             | 0                                      | 5. 125 | 5.123     | FA   | 53,813   |             | 08/20/2015 | 08/25/2025  |
| 320844-PD-9<br>337915-AA-0 | FirstMerit Bank NA/Akron-SUBORDINATED   |   |     |         | 2.A FE           |           | 095.2339     | 952,339        | 1,000,000    | 1,000,000            | 0          | 0          |               |  | 4.270  | 4.269     | MN   |          |             | 01/28/2013 | 11/25/2026  |
| 42217K-BC-9                | WELLTOWER INC-NOTE  |   |     | 1.2     | 2.A FE           | 1,979,16  |              |                | 2,000,000    | 1,997,464            |            | 2.296      |               | 0                                      | 4.500  |           | ΓA   |          | 90,000      | 10/02/2013 | 01/15/2024  |
| 49327M-2K-9                | KevBank NA/Cleveland OH-SENIOR UNSECURED                                      |   |     | 1,2     | 1.G FE           | 4,988,15  |              | 4.802.093      | 5.000,000    | 4.996.776            | ٥          | 1.224      |               |  | 3.300  | 3.327     | JU   |          |             | 05/27/2015 | 06/01/2025  |
| 49327V-2A-1                | KeyBank NA/Cleveland OH-SUBORDINATED  |   |     |         | 2.A FE           |           | 093.6167     | 2,808,501      | 3,000,000    | 2,997,257            |            | 731        |               | 0                                      |        | 3.428     | MN   | 11,617   |             | 05/17/2016 | 05/20/2026  |
| 56585A-AG-7                | Marathon Petroleum Corp-SENIOR UNSECURED                                      |   |     | 1 2     | 2.B FE           |           | 097.3719     | 973.719        | 1.000.000    | 999.295              |            | 371        |               |  | 3.400  |           | MS   | 10.674   |             | 09/02/2014 | 09/15/2024  |
| 74052B-AA-5                | Premier Health Partners-UNSECURED   |   |     | 1.2     | 2.A FE           | ,         | 087.8094     | 878,094        | 1,000,000    | 980,524              | 0          | 4.619      | 0             | 0                                      | 2.911  | 3.452     |      | 3,720    |             | 11/10/2016 | 11/15/2026  |
| 743315-AL-7                | PROGRESSIVE CORP-SENIOR UNSECURED   |   |     | 1,2     | 1.F FE           | 1,802,82  |              | 1,534,268      | 1,400,000    | 1,776,632            | 0          | (26, 190)  | 0             | 0                                      | 6.250  | 3.081     |      | 7,292    |             | 03/03/2022 | 12/01/2032  |
| 743315-AW-3                | Progressive Corp/The-SENIOR UNSECURED   |   |     | 1,2     | 1.F FE           |           | 089.7776     | 1,795,552      | 2,000,000    | 2,000,000            | 0          | 0          | 0             | 0                                      | 3.200  | 3.200     |      | 16,889   | 64,000      | 03/17/2020 | 03/26/2030  |
| 824348-AR-7                | Sherwin-Williams Co/The-SENIOR UNSECURED                                      |   |     | 1.2     | 2.B FE           |           | 096.1669     | 1,923,338      | 2,000,000    | 2,006,027            | 0          | (2.432)    | 0             | 0                                      | 3.450  | 3.315     |      |          | 69,000      | 11/10/2016 | 08/01/2025  |
| 824348-BJ-4                | Sherwin-Williams Co/The-SENIOR UNSECURED                                      |   |     | 1.2     | 2.B FE           |           | 087.7399     | 1,754,797      | 2,000,000    |                      | 0          | 621        | 0             | 0                                      | 2.950  | 2.989     |      | 22,289   | 59,000      | 08/12/2019 | 08/15/2029  |
| 878055-AE-2                | TCF National Bank-SUBORDINATED  |   |     |         | 2.A FE           | 1,987,50  |              | 2,002,550      | 2,000,000    | 1,996,808            | 0          | 1.327      | 0             | 0                                      | 4.600  | 4.676     | FA   |          | 92,000      | 02/24/2015 | 02/27/2025  |
| 95040Q-AM-6                | Welltower Inc-SENIOR UNSECURED  |   |     | 1,2     | 2.A FE           |           | 079.6350     | 1,592,701      | 2,000,000    | 1,991,813            | 0          | 846        | 0             | 0                                      | 2.800  | 2.855     | JD   | 4,667    | 56,000      | 03/16/2021 | 06/01/2031  |
| 559080-AK-2                | MAGELLAN MIDSTREAM PARTN-SR UNSECURED   |   |     | 1,2     | 2.A FE           |           | 099.3417     | 1,986,834      | 2,000,000    | 2,009,146            | 0          | (2,849)    | 0             | 0                                      | 5.000  |           | MS   | 33,333   | 100,000     | 02/22/2016 | 03/01/2026  |
| 678858-BU-4                | Oklahoma Gas & Electric -SENIOR UNSECURE                                      |   |     | 1,2     | 1.G FE           | 997,07    | 087.7743     | 877,743        | 1,000,000    | 997,901              | 0          | 250        | 0             | 0                                      | 3.300  | 3.332     | MS   | 9,717    |             | 06/04/2019 | 03/15/2030  |
| 682680-AU-7                | ONEOK Inc-SENIOR UNSECURED  |   |     | 1,2     | 2.C FE           | 2,991,81  | 094.4667     | 2,834,000      | 3,000,000    | 2,995,097            | 0          | 753        | 0             | 0                                      | 4.550  | 4.583     | JJ   | 62,942   | 136,500     | 06/19/2018 | 07/15/2028  |
| 68268N-AL-7                | ONEOK Partners LP-SENIOR UNSECURED  |   |     | 1,2     | 2.B FE           | 1,499,40  | 99.8531      | 1,497,796      | 1,500,000    | 1,500,000            | 0          | 78         | 0             | 0                                      | 5.000  | 4.999     | MS   | 22,083   | 75,000      | 09/09/2013 | 09/15/2023  |
| 68268N-AP-8                | ONEOK Partners LP-SENIOR UNSECURED  |   |     | 1,2     | 2.B FE           | 2,993,70  | 98.5639      | 2,956,917      | 3,000,000    | 2,998,351            | 0          | 601        | 0             | 0                                      | 4.900  | 4.923     | MS   | 43,283   | 147,000     | 03/17/2015 | 03/15/2025  |
| 969457-BW-9                | Williams Cos Inc/The-SENIOR UNSECURED   |   |     | 1,2     | 2.B FE           | 249,34    | 598.8603     | 247 , 151      | 250,000      | 249,883              | 0          | 73         | 0             | 0                                      | 4.550  | 4.582     | JD   | 221      | 11,375      | 06/19/2014 | 06/24/2024  |
| 96949L-AB-1                | Williams Cos Inc/The-SENIOR UNSECURED   |   |     | 1,2     | 2.B FE           | 1,993,50  | 097 . 1237   | 1,942,473      | 2,000,000    | 1,998,089            | 0          | 623        | 0             | 0                                      | 4.000  | 4.036     | MS   | 23,556   | 80,000      | 02/26/2015 | 09/15/2025  |
| 96950F-AL-8                | Williams Cos Inc/The-SENIOR UNSECURED   |   |     | 1,2     | 2.B FE           |           | 099.2934     | 1,985,869      | 2,000,000    | 1,998,683            | 0          | 1,341      | 0             | 0                                      | 4.500  | 4.572     |      | 11,500   | 90,000      | 11/12/2013 | 11/15/2023  |
| 03666H-AA-9                | Antares Holdings LP-SENIOR UNSECURED  | . |     | 1,2     | 2.C FE           |           | 098.2584     | 982,584        | 1,000,000    | 1,000,000            | 0          | (38)       | 0             | 0                                      | 6.000  | 5.992     |      | 22,667   | 60,000      | 07/19/2018 | 08/15/2023  |
| 740189-AM-7                | PRECISION CASTPARTS CORP-SR UNSECURED   |   |     | 1,2     | 1.C FE           |           | 096.6415     | 1,932,830      | 2,000,000    | 1,998,877            | 0          | 424        | 0             | 0                                      | 3.250  | 3.274     |      | 2,889    | 65,000      | 06/01/2015 | 06/15/2025  |
| 00440E-AH-0                | CHUBB INA HOLDINGS INC-SENIOR UNSECURED                                       |   |     |         | 1.F FE           |           | 5 . 110.8467 | 332,540        | 300,000      | 409, 196             | 0          | (5,239)    | 0             | 0                                      | 6.700  | 3.309     |      | 2,568    |             | 03/03/2022 | 05/15/2036  |
| 009158-AV-8                | AIR PRODUCTS & CHEMICALS-SR UNSECURED   | - |     | 1,2     | 1.F FE           |           | 097.7798     |                | 2,000,000    | 1,998,808            | 0          | 699        | 0             | 0                                      | 3.350  | 3.388     |      | 28, 103  | 67,000      | 07/28/2014 | 07/31/2024  |
| 03073E-AL-9                | AMERISOURCEBERGEN CORP-SR UNSECURED   |   |     | 1,5     | 2.A FE           |           | 097.6017     | 976,017        | 1,000,000    | 999,543              | 0          | 300        | 0             | 0                                      | 3.400  | 3.432     |      | 4,344    |             | 05/19/2014 | 05/15/2024  |
| 03073E-AT-2                | AmerisourceBergen Corp-SENIOR UNSECURED                                       |   |     | 1,2     | 2.A FE           |           | 082.8405     |                | 2,000,000    | 1,996,495            | 0          | 372        | 0             | 0                                      | 2.700  | 2.724     |      | 15,900   | 54,000      | 03/25/2021 | 03/15/2031  |
| 07274E-AG-8                | BAYER US FINANCE LLC-SR UNSECURED   |   |     |         | 2.B FE           |           | 096.6821     | 966,821        | 1,000,000    | 997,992              | 0          | 1,062      | 0             | 0                                      | 3.375  |           | A0   | 7,781    |             | 10/01/2014 | 10/08/2024  |
| 20030N-AK-7                | Comcast Corp-SR UNSECURED   | . |     | 1.0     | 1.G FE           |           | 0 . 111.2325 | 5,561,625      | 5,000,000    | 6,718,324            | 0          | (94,826)   | 0             | 0                                      | 6.500  | 3.218     |      | 41,528   | 325,000     | 02/08/2022 | 11/15/2035  |
| 20030N-BP-5<br>20030N-CT-6 | COMCAST CORP-SENIOR UNSECURED   | . |     | 1,2     | 1.G FE           | 1,052,19  | 093.1081     | 931,081        | 1,000,000    | 1,038,748            | 0          | (2,445)    | 0             | 0                                      | 4.400  | 3.993     |      |          |             | 11/15/2016 | 10/15/2035  |
| 20030N-C1-6                | Comcast Corp-SENIOR UNSECURED   |   |     | 1,2     | 1.G FE           | 1,999,00  |              |                | 2,000,000    | 1,999,450            |            |            |               | 0                                      | 3.400  | 3.420     |      |          |             | 03/24/2020 | 04/01/2030  |
| 20030N-DH-1                | Comcast Corp-SENIOR UNSECURED   | . |     | 1.2     | 1.6 FE           |           | 082.7980     |                | 2,000,000    |                      |            | (10.846)   |               | ۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰ | 3.750  |           | AO   |          |             | 03/24/2020 | 04/01/2030  |
| 20453K-AA-3                | COMPASS BANK-SUBORDINATED   | . |     | 2       | 1.6 FE           |           | 097.1012     |                | 2,000,000    |                      | u          | (10,846)   | n             | 0                                      | 3.750  | 3.992     |      |          |             | 04/07/2015 | 04/10/2025  |
| 22966R-AD-8                | CubeSmart LP-SENIOR UNSECURED   | . |     | 1 2     | 2.B FE           |           | 092.5237     | 925,237        | 1,000,000    | 998,019              | n          |            | n             | ۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰ | 3. 125 | 3. 182    |      |          |             | 08/08/2016 | 09/01/2026  |
| 22966R-AF-3                | CubeSmart LP-SENIOR UNSECURED   | . |     | 1.2     | 2.B FE           |           | 083.1049     | 831,049        | 1,000,000    | 997,261              | n          | 337        | n             | 0                                      | 3.000  | 3. 162    |      | 11,333   |             | 10/08/2019 | 02/15/2030  |
| 30259J-AA-1                | FNB Corp/PA-SUBORDINATED  |   |     | 2       | 2.B FE           |           | 094.7821     |                | 2,000,000    | 2,000,000            | n          | n          | n             | n                                      | 4.950  | 4.950     | FA   |          |             | 02/11/2019 | 02/13/2030  |
| 319820-AX-7                | First Commonwealth Bank-SUBORDINATED  |   |     | 2       | 2.0 FE           |           | 097.7900     | 1,955,800      | 2,000,000    | 2.000.000            | 0          | (34)       | 0             | 0                                      | 4.875  | 4.871     | JD   | 8.125    |             | 05/16/2018 | 06/01/2028  |

## **SCHEDULE D - PART 1**

|                |  |                          |      |      |          |             |         | Showing All Lor | ng-Term BOND: | S Owned Dece | mber 31 of | Current Ye  | ear            |          |        |           |      |          |             |            |             |
|----------------|--|--------------------------|------|------|----------|-------------|---------|-----------------|---------------|--------------|------------|-------------|----------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1              | 2  |                          | Coc  | les  | 6        | 7           |         | Fair Value      | 10            | 11           | Change     | in Book/Adi | justed Carryin | g Value  |        |           | l    | nterest  |             | Da         | tes         |
|                |  | 3                        | 4    | 5    |          |             | 8       | 9               |               |              | 12         | 13          | 14             | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                |  |                          |      |      | NAIC     |             |         |                 |               |              |            |             |                |          |        |           |      |          |             |            |             |
|                |  |                          |      |      | Desig-   |             |         |                 |               |              |            |             |                |          |        |           |      |          |             |            |             |
|                |  |                          |      |      | nation,  |             |         |                 |               |              |            |             |                |          |        |           |      |          |             |            |             |
|                |  |                          |      |      | NAIC     |             |         |                 |               |              |            |             |                | Total    |        |           |      |          |             |            |             |
|                |  |                          |      |      | Desig-   |             |         |                 |               |              |            |             |                | Foreign  |        |           |      |          |             |            |             |
|                |  |                          | F    |      | nation   |             |         |                 |               |              |            |             | Current        | Exchange |        |           |      |          |             |            |             |
|                |  |                          | 0    |      | Modifier |             |         |                 |               |              |            |             | Year's         | Change   |        |           |      |          |             |            |             |
|                |  |                          | ľ    |      | and      |             | Rate    |                 |               |              |            | Current     | Other-         | in       |        |           |      |          |             |            |             |
|                |  | С                        | e    |      | SVO      |             | Used to |                 |               | Book/        | Unrealized | Year's      | Than-          | Book/    |        |           |      | Admitted |             |            | Stated      |
|                |  | 0                        | -    |      | Admini-  |             | Obtain  |                 |               | Adjusted     | Valuation  | (Amor-      | Temporary      | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP          |  | d                        | '    | Bond | strative | Actual      | Fair    | Fair            | Par           | Carrying     | Increase/  | tization)   | Impairment     | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification | Description                              | e                        | g    | Char | Symbol   | Cost        | Value   | Value           | Value         | Value        | (Decrease) | Accretion   | Recognized     | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   |             |
|                | F  | е                        | l II | Char |          |             |         |                 |               |              | (Decrease) |             |                | value    |        |           | Palu |          | · ·         | Acquired   | Date        |
| 31982Q-AY-5    | First Commonwealth Bank-SUBORDINATED     |                          |      | 2    | 2.0 FE   | 2,000,000   | 92.2500 | 1,845,000       | 2,000,000     | 2,000,073    | 0          | (27)        |                | 0        | 5.500  | 5.498     | JD   | 9, 167   | 110,000     | 05/16/2018 | 06/01/2033  |
| 534187-BF-5    | Lincoln National Corp-SENIOR UNSECURED   |                          |      | 1,2  | 2.A FE   | 1,997,640   | 93.7836 | 1,875,673       | 2,000,000     | 1,998,848    | 0          | 192         |                | 0        | 3.625  | 3.637     | JD   | 21,951   | 72,500      | 12/05/2016 | 12/12/2026  |
| 534187-BJ-7    | Lincoln National Corp-SENIOR UNSECURED   |                          |      | 1,2  | 2.A FE   | 7,208,650   |         | 6,111,684       | 7,400,000     | 7,226,063    | 0          | 17,022      |                | 0        | 3.050  |           | JJ   | 104,073  | 143,350     | 03/16/2022 | 01/15/2030  |
| 69349L-AM-0    | PNC Bank NA-SUBORDINATED                 | · ···                    |      | 2    | 1.G FE   | 1,994,400   |         |                 | 2,000,000     | 1,999,603    | J0         | 609         |                | 0        | 3.800  |           | JJ   | 32,933   | 76,000      | 07/22/2013 | 07/25/2023  |
|                | PPL Capital Funding Inc-SENIOR UNSECURED |                          |      | 1,2  | 2.A FE   | 1,999,320   | 92.7675 |                 | 2,000,000     | 1,999,490    | 0          | 47          |                | 0        | 4. 125 | 4. 128    |      | 17,417   | 82,500      | 04/01/2020 | 04/15/2030  |
| 69353R-EK-0    | PNC Bank NA-SENIOR UNSECURED             | · <del> </del> · · · · · |      | 2    | 1.F FE   | 1,995,360   | 96.1075 |                 | 2,000,000     | 1,998,889    | 0          | 474         |                | 0        | 2.950  | 2.976     |      | 20,978   | 59,000      | 02/18/2015 | 02/23/2025  |
| 709599-AW-4    | Penske Truck Leasing Co -SENIOR UNSECURE |                          |      | 1,2  | 2.B FE   | 1,993,900   |         |                 | 2,000,000     | 1,997,423    | 0          | 599         |                | 0        | 3.400  | 3.435     |      | 8,689    | 68,000      | 10/26/2016 | 11/15/2026  |
| 709599-AX-2    | Penske Truck Leasing Co -SENIOR UNSECURE |                          |      | 1,5  | 2.B FE   | 998,610     |         | 938,274         | 1,000,000     | 999,367      | 0          | 122         |                | 0        | 4.200  |           | A0   | 10,500   | 42,000      | 03/13/2017 | 04/01/2027  |
| 709599-BH-6    | Penske Truck Leasing Co -SENIOR UNSECURE |                          |      | 1,2  | 2.B FE   | 995,540     | 84.5587 | 845,587         | 1,000,000     | 996,852      | 0          | 399         |                | 0        | 3.350  |           | MN   | 5,583    | 33,500      | 09/10/2019 | 11/01/2029  |
| 709599-BJ-2    | Penske Truck Leasing Co -SENIOR UNSECURE |                          |      | 1,2  | 2.B FE   | 4,983,800   |         | 4,784,717       | 5,000,000     | 4,991,624    | 0          | 3,045       |                | 0        | 4.000  |           | JJ   | 92,222   | 200,000     | 04/01/2020 | 07/15/2025  |
| 126650-AW-0    | CVS Pass-Through Trust-FIRST LIEN        |                          |      |      | 2.B      | 437,860     |         | 430,846         | 437,860       | 437,871      | 0          | (7)         |                | 0        | 5.298  | 0.200     | MON  | 1,353    | 23, 198     | 12/09/2004 | 01/11/2027  |
| 126650-CX-6    | CVS Health Corp-SENIOR UNSECURED         |                          |      | 1,2  | 2.B FE   | 2,957,820   |         | 2,902,433       | 3,000,000     | 2,975,837    | 0          | 3,984       | 0              | 0        | 4.300  | 4.473     | -    | 34,400   | 129,000     | 03/06/2018 | 03/25/2028  |
| 126650-DG-2    | CVS Health Corp-SENIOR UNSECURED         |                          |      | 1,2  | 2.B FE   | 990,970     |         | 893,749         | 1,000,000     | 993,687      | 0          | 835         | 0              | 0        | 3.250  | 0.00.     | FA   | 12,278   | 32,500      | 08/08/2019 | 08/15/2029  |
| 174610-AW-5    | Citizens Financial Group-SUBORDINATED    |                          |      | 2    | 2.B FE   | 6,000,000   |         | 4,447,464       | 6,000,000     | 6,000,000    | 0          | 0           |                | 0        | 2.638  | 2.638     | -    | 40,010   | 158,280     | 09/30/2020 | 09/30/2032  |
| 418056-AZ-0    | Hasbro Inc-SENIOR UNSECURED              |                          |      | 1,2  | 2.B FE   | 1,993,600   | 88.7266 | 1,774,531       | 2,000,000     | 1,995,325    | 0          | 572         |                | 0        | 3.900  | 0.000     | MN   | 9, 100   | 78,000      | 11/13/2019 | 11/19/2029  |
| 631005-BJ-3    | Narragansett Electric Co-SENIOR UNSECURE |                          |      | 1,2  | 1.G FE   | 1,000,000   |         | 891,470         | 1,000,000     | 1,000,000    | 0          | 0           | 0              | 0        | 3.395  | 3.395     |      | 7,733    |             | 04/07/2020 | 04/09/2030  |
| 883203-BW-0    | Textron Inc-SENIOR UNSECURED             |                          |      | 1,2  | 2.B FE   | 1,984,840   |         | 1,931,189       | 2,000,000     | 1,994,495    | 0          | 1,548       | 0              | 0        | 4.000  |           | MS   | 23,556   | 80,000      | 03/04/2016 | 03/15/2026  |
| 883203-BX-8    | TEXTRON INC-SENIOR UNSECURED             |                          |      | 1,2  | 2.B FE   | 998,740     |         | 932,333         | 1,000,000     | 999,435      | 0          | 114         | 0              | 0        | 3.650  |           | MS   | 10,747   | 36,500      | 02/27/2017 | 03/15/2027  |
| 883203-CA-7    | Textron Inc-SENIOR UNSECURED             |                          |      | 1,2  | 2.B FE   | 999, 110    |         | 907, 104        | 1,000,000     | 999,353      | 0          | 77          | 0              | 0        | 3.900  | 3.910     | MS   | 11,267   | 39,000      | 04/30/2019 | 09/17/2029  |
| 053332-AZ-5    | AutoZone Inc-SENIOR UNSECURED            |                          |      | 1,2  | 2.B FE   | 1,998,660   |         | 1,853,899       | 2,000,000     | 1,998,992    | 0          | 106         | 0              | 0        | 4.000  |           | A0   | 16,889   | 80,000      | 03/26/2020 | 04/15/2030  |
| 14913R-2Y-2    | Caterpillar Financial Se-SENIOR UNSECURE |                          |      |      | 1.F FE   | 2, 197, 184 |         | 2,205,956       | 2,200,000     | 2, 197, 220  | 0          | 36          | 0              | 0        | 4.900  | -         | JJ   | 12,876   | 0           | 11/22/2022 | 01/17/2025  |
| 31428X-BQ-8    | FedEx Corp-SENIOR UNSECURED              |                          |      | 1,2  | 2.B FE   | 3,320,220   |         | 2,292,984       | 3,000,000     | 3,310,685    | 0          | (7,938)     |                | 0        | 4.050  | 3.424     | FA   | 45,900   | 121,500     | 10/08/2021 | 02/15/2048  |
| 31428X-BZ-8    | FedEx Corp-SENIOR UNSECURED              |                          |      | 1,2  | 2.B FE   | 4,987,900   | 94.3210 | 4,716,051       | 5,000,000     | 4,990,870    | 0          | 1,009       | 0              | 0        | 4.250  | 4.278     | MN   | 27 , 153 | 212,500     | 04/03/2020 | 05/15/2030  |
| 59523U-AL-1    | Mid-America Apartments L-SENIOR UNSECURE |                          |      | 1,2  | 1.G FE   |             |         | 1,958,358       | 2,000,000     | 1,996,153    | 0          | 2,501       | 0              | 0        | 3.750  | 3.886     |      | 3,333    | 75,000      | 06/10/2014 | 06/15/2024  |
| 59523U-AP-2    | Mid-America Apartments L-SENIOR UNSECURE |                          |      | 1,2  | 1.G FE   | 1,988,060   |         | 1,900,248       | 2,000,000     | 1,992,982    | 0          | 1,114       | 0              | 0        | 4.200  |           | JD   | 3,733    | 84,000      | 05/07/2018 | 06/15/2028  |
| 72346Q-AC-8    | Pinnacle Financial Partn-SUBORDINATED    |                          |      | 1,2  | 2.A FE   | 3,000,000   |         | 2,895,000       | 3,000,000     | 3,000,000    | 0          | 0           | 0              | 0        | 4. 125 | 4 . 125   | -    | 36,438   | 123,750     | 09/06/2019 | 09/15/2029  |
| 91529Y-AL-0    | UNUM GROUP SR NT                         |                          |      |      | 2.C FE   | 2,979,840   | 95.7842 | 2,873,526       | 3,000,000     | 2,993,465    | 0          | 2,090       |                | 0        | 3.875  |           | MN   | 18,083   | 116,250     | 11/02/2015 | 11/05/2025  |
| 00206R-GL-0    | AT&T Inc-SENIOR UNSECURED                | ·                        |      | 1,2  | 2.B FE   |             |         | 2,029,191       | 2,129,000     |              | 0          | (106)       |                | 0        | 4.100  | 4.094     |      | 32,976   | 87,289      | 12/01/2017 | 02/15/2028  |
| 00206R-GQ-9    | AT&T Inc-SENIOR UNSECURED                |                          |      | 1,2  | 2.B FE   | 5,056,303   |         | 4,741,282       | 5,033,000     | 5,047,738    | 0          | (1,802)     |                | 0        | 4.300  |           | FA   | 81,758   | 216,419     | 12/01/2017 | 02/15/2030  |
| 057224-AZ-0    | BAKER HUGHES INC-SENIOR NOTE             |                          |      | 1    | 1.G FE   | 6,331,050   |         | 4,633,225       | 5,000,000     | 6,267,546    | 0          | (52,345)    |                | 0        | 5. 125 |           | MS   | 75,451   | 256,250     | 10/08/2021 | 09/15/2040  |
| 12189L-AT-8    | Burlington Northern Sant-SENIOR UNSECURE |                          |      | 1,2  | 1.G FE   | 997,710     |         | 974,694         | 1,000,000     | 999,565      | 0          | 231         |                | 0        | 3.400  |           | MS   | 11,333   | 34,000      | 08/11/2014 | 09/01/2024  |
| 12189L-AU-5    | BURLINGTN NORTH SANTA FE-SENIOR UNSECURE |                          |      | 1,2  | 1.D FE   |             |         | 908,297         | 1,000,000     | 1,202,106    | 0          | (6,573)     |                | 0        | 4.550  | 3.225     |      | 15, 167  | 45,500      | 04/29/2021 | 09/01/2044  |
| 133131-AS-1    | CAMDEN PROPERTY TRUST-SENIOR UNSECURED N |                          |      | 1,2  | 1.G FE   | 1,977,560   |         | 1,994,277       | 2,000,000     | 1,998,859    | 0          | 2,314       | 0              | 0        | 4.875  |           | JD   | 4,333    | 97,500      | 05/31/2011 | 06/15/2023  |
| 133131-AW-2    | Camden Property Trust-SENIOR UNSECURED   |                          |      | 1,2  | 1.G FE   | 998,930     |         | 942,586         | 1,000,000     | 999,369      | 0          | 87          | 0              | 0        | 4.100  |           | AO   | 8,656    | 41,000      | 10/02/2018 | 10/15/2028  |
| 133131-AX-0    | Camden Property Trust-SENIOR UNSECURED   |                          |      | 1,2  | 1.G FE   | 997,510     |         | 890,240         | 1,000,000     | 998,307      | 0          | 231         | 0              | 0        | 3. 150 | 3. 179    |      | 15,750   | 31,500      | 06/06/2019 | 07/01/2029  |
| 133434-AA-8    | Cameron LNG LLC-SECURED                  | · [                      |      | 1,2  | 1.G FE   | 1,000,000   |         | 844,614         | 1,000,000     | 1,000,000    | 0          | 0           | 0              | 0        | 2.902  | 2.902     |      | 13,381   | 29,020      | 12/05/2019 | 07/15/2031  |
| 149123-CC-3    | CATERPILLAR INC-SR UNSECURED             |                          |      | 1,2  | 1.F FE   | 999,830     |         | 980,407         | 1,000,000     | 999,970      | 0          | 2           | 0              | 0        | 3.400  | 3.400     |      | 4,344    | 34,000      | 05/05/2014 | 05/15/2024  |
| 15089Q-AM-6    | Celanese US Holdings LLC-SENIOR UNSECURE | ·                        |      | 1,2  | 2.0 FE   | 11,080,760  | 98.6260 | 10,848,857      |               | 11,072,736   | 0          | 1,701       | 0              | 0        | 6. 165 | 7.742     |      | 28,599   | 0           | 11/04/2022 | 07/15/2027  |
| 200339-DX-4    | Comerica Bank-SUBORDINATED               |                          |      |      | 2.A FE   | 2,981,910   |         | 2,902,092       | 3,000,000     | 2,994,917    | 0          | 1,811       | 0              | 0        | 4.000  | -         | JJ   | 51,333   | 120,000     | 07/22/2015 | 07/27/2025  |
| 200340-AQ-0    | Comerica Inc-SUBORDINATED                | ···                      |      |      | 2.B FE   | 1,995,600   |         |                 | 2,000,000     | 1,998,495    | 0          | 378         |                | 0        | 3.800  | 3.822     |      | 33,567   | 76,000      | 07/17/2014 | 07/22/2026  |
| 22822R-BD-1    | Crown Castle Towers LLC-CROCAS 3.663 05/ | -                        |      | 1,2  | 1.F FE   | 3,000,000   |         | 2,906,251       | 3,000,000     | 3,000,000    | 0          | (2)         |                | 0        | 3.663  | 3.663     |      | 4,884    | 109,890     | 04/30/2015 | 05/15/2025  |
| 229899-AB-5    | Cullen/Frost Bankers Inc-SUBORDINATED    | · <del> </del> · · · · · |      | 2    | 2.A FE   | 1,995,540   |         |                 | 2,000,000     | 1,997,926    | 0          | 412         |                | 0        | 4.500  | 4.526     |      | 26,000   | 90,000      | 03/10/2017 | 03/17/2027  |
| 26875P-AK-7    | EOG Resources Inc-SENIOR UNSECURED NOTE  | · · · · · ·              |      | 1    | 1.G FE   | 993,810     |         | 994,615         | 1,000,000     | 999,845      | 0          | 638         |                | 0        | 2.625  |           | MS   | 7,729    |             | 09/05/2012 | 03/15/2023  |
|                | El Paso Natural Gas Co L-SENIOR UNSECURE |                          |      | 1,2  | 2.B FE   | 7, 193, 849 |         | 6,034,052       | 7,195,000     | 7,193,688    | 0          | (161)       |                | 0        | 3.500  | 3.502     |      | 95, 134  | 120,316     | 02/08/2022 | 02/15/2032  |
| 292480-AK-6    | Enable Midstream Partner-SENIOR UNSECURE |                          |      | 1,2  | 2.C FE   | 996 , 150   | 95.3435 | 953,435         | 1,000,000     | 998,203      | 0          | 368         | 0              | 0        | 4.400  | 4 . 446   | MS   | 12,956   | 44,000      | 03/06/2017 | 03/15/2027  |

## **SCHEDULE D - PART 1**

|                            |  |   |     |      |                  |             |            | Showing All Lo | ng-Term BOND | S Owned Dece | mber 31 of | Current Ye    | ar            |          |       |           |      |          |             |            |             |
|----------------------------|--|---|-----|------|------------------|-------------|------------|----------------|--------------|--------------|------------|---------------|---------------|----------|-------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2  |   | Cod | les  | 6                | 7           | F          | air Value      | 10           | 11           | Change     | e in Book/Adj | usted Carryin | g Value  |       |           | ı    | nterest  |             | Da         | tes         |
|                            |  | 3 | 4   | 5    |                  |             | 8          | 9              |              |              | 12         | 13            | 14            | 15       | 16    | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |  |   |     |      | NAIC             |             |            |                |              |              |            |               |               |          |       |           |      |          |             |            |             |
|                            |  |   |     |      | Desig-           |             |            |                |              |              |            |               |               |          |       |           |      |          |             |            |             |
|                            |  |   |     |      | nation,          |             |            |                |              |              |            |               |               |          |       |           |      |          |             |            |             |
|                            |  |   |     |      | NAIC             |             |            |                |              |              |            |               |               | Total    |       |           |      |          |             |            |             |
|                            |  |   |     |      | Desig-           |             |            |                |              |              |            |               |               | Foreign  |       |           |      |          |             |            |             |
|                            |  |   | F   |      | nation           |             |            |                |              |              |            |               | Current       | Exchange |       |           |      |          |             |            |             |
|                            |  |   | 0   |      | Modifier         |             |            |                |              |              |            |               | Year's        | Change   |       |           |      |          |             |            |             |
|                            |  |   | r   |      | and              |             | Rate       |                |              |              |            | Current       | Other-        | in       |       |           |      |          |             |            |             |
|                            |  | С | е   |      | SVO              |             | Used to    |                |              | Book/        | Unrealized | Year's        | Than-         | Book/    |       |           |      | Admitted |             |            | Stated      |
|                            |  | 0 | i   |      | Admini-          |             | Obtain     |                |              | Adjusted     | Valuation  | (Amor-        | Temporary     | Adjusted |       | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d |     | Bond | strative         | Actual      | Fair       | Fair           | Par          | Carrying     | Increase/  | tization)     | Impairment    | Carrying | Rate  | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification             | Description                              | е | n   | Char | Symbol           | Cost        | Value      | Value          | Value        | Value        | (Decrease) | Accretion     | Recognized    | Value    | of    | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 29273R-AY-5                | Energy Transfer LP-SENIOR UNSECURED      | . |     | 1,2  | 2.C FE           | 991,810     |            | 991,663        | 1,000,000    | 998,918      | 0          | 912           | 0             | 0        | 4.900 | 5.000     | FA   | 20,417   | 49,000      | 09/12/2013 | 02/01/2024  |
| 29273R-BG-3                | Energy Transfer Partners-SR UNSECURED    |   |     | 1,2  | 2.C FE           | 2,978,250   |            | 2,925,927      | 3,000,000    | 2,992,640    | 0          | 2, 179        | 0             | 0        | 4.750 | 4.837     | JJ   | 65,708   | 142,500     | 06/18/2015 | 01/15/2026  |
| 293791-AF-6                | Enterprise Products Oper-SENIOR UNSECURE | . |     |      | 2.A FE           | 6,644,895   |            | 5,545,166      | 5, 108, 000  | 6,541,772    | 0          | (103,123)     | 0             | 0        | 6.875 |           | MS   | 117,058  | 351,175     | 02/08/2022 | 03/01/2033  |
| 29379V-BE-2                | ENTERPRISE PRODUCTS OPER-SENIOR UNSECURE | . |     | 1,2  | 2.A FE           | 1,993,620   |            | 1,943,760      | 2,000,000    | 1,998,468    | 0          | 652           | 0             | 0        | 3.750 | 3.786     |      |          | 75,000      | 10/02/2014 | 02/15/2025  |
| 29379V-BH-5                | ENTERPRISE PRODUCTS OPER-SR UNSECURED    | - |     | 1,2  | 2.A FE           |             | 96.4684    | 1,929,368      | 2,000,000    | 1,997,565    | 0          | 703           | 0             | 0        | 3.700 | 3.741     |      | 27,956   | 74,000      | 05/04/2015 | 02/15/2026  |
| 30231G-AT-9                | Exxon Mobil Corp-SENIOR UNSECURED        | - |     | 1,2  | 1.D FE           |             |            |                | 3,000,000    | 3,000,000    | 0          |               | 0             | 0        | 3.043 | 3.042     |      |          | 91,290      | 02/29/2016 | 03/01/2026  |
| 37045X-BG-0                | General Motors Financial-SENIOR UNSECURE | - |     | 1,2  | 2.0 FE           | 1,992,780   |            | 1,968,341      | 2,000,000    | 1,997,339    | 0          |               | 0             | 0        | 5.250 |           | MS   | 35,000   | 105,000     | 02/25/2016 | 03/01/2026  |
| 406216-BL-4<br>42824C-AW-9 | Halliburton Co-SENIOR UNSECURED          |   |     | 1,2  | 2.A FE<br>2.B FE |             | 85.6927    | 856,927        | 1,000,000    | 999,803      | 0          |               | 0             | 0        | 2.920 | 2.923     | MO   | 9,733    |             | 02/19/2020 | 03/01/2030  |
| 42824C-AW-9<br>436106-AA-6 | HOLLYFrontier Corp-SENIOR UNSECURED      | . |     | 1,2  | 2.8 FE           |             |            |                | 1,000,000    |              | 0          | (7, 154)      |               |          | 5.875 | 1         | AO   |          |             | 11/18/2016 | 04/01/2026  |
| 436106-AA-6<br>436106-AC-2 | HollyFrontier Corp-SENIOR UNSECURED      |   |     | 1,2  | 2.0 FE           |             |            |                |              | 1,000,466    | 0          | (156)         |               |          | 4.500 | 4.521     | AU   |          |             | 09/14/2020 | 10/01/2026  |
| 44329H-AG-9                | HP Communities LLC-FIRST LIEN            |   |     | 1,2  | 1.0 FE           |             | . 100.0000 | 1,749,544      |              | 1,997,138    |            |               |               | 0        | 5.020 | 5.334     | HU   | 2,500    | 90,000      | 11/13/2008 | 03/15/2023  |
| 45384B-AA-4                | Independent Bank Group I-SUBORDINATED    |   |     |      | 1.0 FE           |             | 99.4400    | 1.988.800      | 2.000.000    | 2.000.000    |            |               |               |          | 5.875 | 5.872     | M9   |          | 9,457       | 07/17/2014 | 08/01/2024  |
| 494550-AV-8                | KINDER MORGAN ENER PART-SENIOR UNSECURED |   |     |      | 2.B FE           |             | . 100.7779 |                | 7,000,000    | 9,243,100    |            | (120.617)     |               |          | 6.500 | 3.582     | FA   |          | 455,000     | 06/08/2021 | 02/01/2037  |
| 494550-BM-7                | Kinder Morgan Energy Par-SENIOR UNSECURE | . |     | 1    | 2.B FE           |             |            | 998,313        | 1,000,000    | 999,921      | 0          |               | 0             | 0        | 3.450 | 3.493     | FA   |          |             | 08/08/2012 | 02/15/2023  |
| 49456B-AG-6                | KINDER MORGAN INC/DELAWA-SENIOR UNSECURE |   |     | 1,2  | 2.B FE           | 1,426,950   |            | 1,167,784      | 1,250,000    | 1,416,756    |            | (10.194)      |               | 0        | 5.300 | 3.495     | In   | 5,521    |             | 02/08/2022 | 12/01/2034  |
| 49456B-AP-6                | Kinder Morgan Inc/DE-SENIOR UNSECURED    |   |     | 1 2  | 2.B FE           |             | 95.8278    | 1,916,556      | 2,000,000    | 1,995,742    | 0          | 703           | 0             | 0        | 4.300 | 1         | MS   |          |             | 02/22/2018 | 03/01/2028  |
| 497266-AC-0                | Kirby Corp-SENIOR UNSECURED              |   |     | 1.2  | 2.0 FE           |             | 90.6678    | 1.813.355      | 2,000,000    | 1,998,479    | 0          | 242           | 0             | 0        | 4.200 | 4.215     |      |          | 84,000      | 02/07/2018 | 03/01/2028  |
| 55903V-AG-8                | Magallanes Inc-SENIOR UNSECURED          |   |     | 1.2  | 2.0 FE           | 9,485,400   |            | 9,023,122      |              |              | 0          |               | 0             | 0        | 3.755 | 5.022     |      | 110,564  |             | 08/09/2022 | 03/15/2027  |
| 55903V-AJ-2                | Warnermedia Holdings Inc-SENIOR UNSECURE |   |     | 1,2  | 2.0 FE           |             | 86.7396    | 867.396        | 1,000,000    | 851,925      | 0          | 2.785         | 0             | 0        | 4.054 | 7.038     |      | 11.937   | 0           | 11/04/2022 | 03/15/2029  |
| 581557-BC-8                | McKesson Corp-SENIOR UNSECURED NOTE      |   |     | 1.2  | 2.A FE           |             |            | 876,288        | 1,000,000    |              | 0          | (6.382)       | 0             | 0        | 4.883 | 3.531     |      | 14.378   | 48,830      | 04/29/2021 | 03/15/2044  |
| 62957H-AH-8                | Nabors Industries Inc-SENIOR UNSECURED   |   |     | 1.2  | 4.A FE           |             | . 101.4833 | 714.443        |              | 688.653      | 0          | 6.267         | 0             | 0        | 9.000 | 10.179    |      | 26,400   | 63.360      | 12/01/2020 | 02/01/2025  |
| 674599-CH-6                | Occidental Petroleum Cor-SENIOR UNSECURE |   |     | 1.2  | 3.A FE           | 1,995,440   |            |                | 2,000,000    | 1,998,356    | 0          |               | 0             | 0        | 3.400 | 3.425     | AO   | 14.356   | 68,000      | 03/28/2016 | 04/15/2026  |
| 68233J-BU-7                | Oncor Electric Delivery -FIRST LIEN      |   |     | 1,2  | 1.F FE           |             | 86.9719    | 1,739,438      | 2,000,000    | 1,998,468    | 0          | 181           | 0             | 0        | 2.750 | 2.761     | MN   | 7,028    | 55,000      | 03/17/2020 | 05/15/2030  |
| 68389X-AS-4                | ORACLE CORP-SR UNSECURED                 |   |     |      | 2.B FE           | 2,972,940   | 99.4719    |                | 3,000,000    | 2,998,254    | 0          | 3,084         | 0             | 0        | 3.625 | 3.733     | JJ   | 50 , 146 | 108,750     | 07/09/2013 | 07/15/2023  |
| 68389X-AU-9                | Oracle Corp-SENIOR UNSECURED             |   |     | 1,2  | 2.B FE           | 3,990,920   | 97.5380    | 3,901,520      | 4,000,000    | 3,998,414    | 0          | 986           | 0             | 0        | 3.400 | 3.427     | JJ   | 65,356   | 136,000     | 06/30/2014 | 07/08/2024  |
| 68389X-BC-8                | ORACLE CORP-SR UNSECURED                 |   |     | 1,2  | 2.B FE           | 3,933,280   | 94.9503    | 3,798,011      | 4,000,000    | 3,982,201    | 0          | 7,070         | 0             | 0        | 2.950 | 3. 145    | MN   | 15,078   | 118,000     | 05/12/2015 | 05/15/2025  |
| 68389X-BM-6                | Oracle Corp-SENIOR UNSECURED             |   |     | 1,2  | 2.B FE           |             | 91.9284    | 919,284        | 1,000,000    | 998,559      | 0          | 381           | 0             | 0        | 2.650 | 2.693     | JJ   | 12,219   | 26,500      | 06/29/2016 | 07/15/2026  |
| 718546-AK-0                | Phillips 66-SENIOR UNSECURED             | . |     | 1,2  | 2.A FE           | 5,621,100   |            | 4,662,803      | 5,000,000    | 5,584,131    | 0          | (36,969)      | 0             | 0        | 4.650 | 3.402     |      | 29,708   | 232,500     | 02/08/2022 | 11/15/2034  |
| 718546-AV-6                | Phillips 66-SENIOR UNSECURED             | . |     | 1,2  | 2.A FE           |             | 97.3916    | 973,916        | 1,000,000    | 999,503      | 0          | 186           | 0             | 0        | 3.850 | 3.871     |      | 8,769    |             | 04/07/2020 | 04/09/2025  |
| 72650R-BJ-0                | Plains All American Pipe-SENIOR UNSECURE | . |     | 1,2  | 2.C FE           |             | 98.0200    | 980,200        | 1,000,000    | 999,546      | 0          | 128           | 0             | 0        | 4.650 |           | AO   | 9,817    | 46,500      | 08/17/2015 | 10/15/2025  |
| 72650R-BN-1                | Plains All American Pipe-SENIOR UNSECURE | . |     | 1,2  | 2.C FE           | 10,625,800  |            | 8,706,263      | 10,000,000   | 10,547,342   | 0          | (64,665)      | 0             | 0        | 3.800 | 2.976     |      | 111,889  | 380,000     | 10/08/2021 | 09/15/2030  |
| 79588T-AC-4                | Sammons Financial Group -SENIOR UNSECURE | . |     | 1,2  | 2.A FE           |             | 93.2573    | 4,662,866      | 5,000,000    | 4,998,717    | 0          | 212           | 0             | 0        | 4.450 | 4.455     |      | 30,285   | 222,500     | 05/09/2017 | 05/12/2027  |
| 79588T-AD-2                | Sammons Financial Group -SENIOR UNSECURE | . |     | 1,2  | 2.A FE           | 3,900,400   |            | 3,022,720      | 4,000,000    | 3,908,636    | 0          | 8,236         | 0             | 0        | 3.350 | 3.672     |      | 27,917   | 134,000     | 02/09/2022 | 04/16/2031  |
| 808513-BC-8                | Charles Schwab Corp/The-SENIOR UNSECURED | . |     | 1,2  | 1.F FE           |             | 98.4047    | 984,047        | 1,000,000    | 998,902      | 0          | 118           | 0             | 0        | 4.625 | 4.642     |      | 12,719   |             | 03/20/2020 | 03/22/2030  |
| 84756N-AF-6                | Spectra Energy Partners -SENIOR UNSECURE | . |     | 1,2  | 2.A FE           | 1,991,640   |            | 1,924,121      | 2,000,000    | 1,997,906    | 0          | 865           | 0             | 0        | 3.500 |           | MS   | 20,611   | 70,000      | 03/09/2015 | 03/15/2025  |
| 84861T-AD-0                | Spirit Realty LP-SENIOR UNSECURED        | . |     | 1,2  | 2.B FE           | 2, 100, 440 |            | 1,736,571      | 2,000,000    | 2,090,060    | 0          | (10,380)      | 0             | 0        | 4.000 |           | JJ   |          | 40,000      | 03/03/2022 | 07/15/2029  |
| 86765B-AS-8                | Energy Transfer LP-SENIOR UNSECURED      | · |     | 1,2  | 2.C FE           | 2,992,050   |            | 3,033,164      | 3,000,000    | 2,997,262    | 0          | 780           | 0             | 0        | 5.950 | 5.982     | JD   | 14,875   |             | 11/12/2015 | 12/01/2025  |
| 871829-BL-0                | Sysco Corp-SENIOR UNSECURED              |   |     | 1,2  | 2.B FE           | 1,323,242   |            | 1,374,964      | 1,326,000    | 1,323,830    | 0          | 217           | 0             | 0        | 5.950 | 5.976     |      |          |             | 03/30/2020 | 04/01/2030  |
| 880451-AZ-2                | Tennessee Gas Pipeline C-SENIOR UNSECURE | - |     | 1,2  | 2.B FE           |             | 83.6091    | 836,091        | 1,000,000    | 998,520      | 0          | 180           | 0             | 0        | 2.900 | 2.923     |      | 9,667    | 29,000      | 02/19/2020 | 03/01/2030  |
| 88224P-JS-9                | Texas Capital Bank NA-SUBORDINATED       |   |     |      | 2.C PL           |             |            | 1,937,700      | 2,000,000    | 2,000,000    | 0          | 0             | 0             | 0        | 5.250 | 5.249     |      | 44,042   |             | 01/28/2014 | 01/31/2026  |
| 882508-AW-4                | Texas Instruments Inc-SENIOR UNSECURED   | · |     | 1,2  | 1.D FE           |             | 99.2530    | 1,985,060      | 2,000,000    | 1,998,534    | 0          | 4,237         | 0             | 0        | 2.250 | 2.468     |      | 7,500    | 45,000      | 05/01/2013 | 05/01/2023  |
| 89236T-KK-0                | Toyota Motor Credit Corp-SENIOR UNSECURE | - |     |      | 1.E FE           | 5,053,050   |            | 5,084,389      | 5,000,000    | 5,051,165    | 0          | (1,885)       | 0             | 0        | 5.400 | 5.009     | MIV  |          | 0           | 11/22/2022 | 11/10/2025  |
| 91913Y-AW-0                | Valero Energy Corp-SENIOR UNSECURED      |   |     | 1,2  | 2.B FE           |             | 94.0764    | 1,881,528      | 2,000,000    | 1,989,711    | 0          |               | 0             | 0        | 4.000 | 4.093     | AU   | 20,000   |             | 03/21/2019 | 04/01/2029  |
| 91913Y-BC-3                | Valero Energy Corp-SENIOR UNSECURED      |   |     | 1,2  | 2.B FE           | 1, 893, 360 | 81.5617    |                | 2,000,000    | 1,901,669    | 0          | 8,309         | 0             | 0        | 2.800 | 3.445     | JU   | 4,66/    | 56,311      | 02/08/2022 | 12/01/2031  |

## **SCHEDULE D - PART 1**

|                            |  |             |       |      |          |          |           | Showing All Lo | ng-Term BOND | S Owned Dece | mber 31 of | Current Ye    | ar            |          |        |           |          |          |             |                          |             |
|----------------------------|--|-------------|-------|------|----------|----------|-----------|----------------|--------------|--------------|------------|---------------|---------------|----------|--------|-----------|----------|----------|-------------|--------------------------|-------------|
| 1                          | 2  |             | Cod   | les  | 6        | 7        | ı         | air Value      | 10           | 11           | Change     | e in Book/Adj | usted Carryin | g Value  |        |           | I        | nterest  |             | Da                       | tes         |
|                            |  | 3           | 4     | 5    |          |          | 8         | 9              |              |              | 12         | 13            | 14            | 15       | 16     | 17        | 18       | 19       | 20          | 21                       | 22          |
|                            |  |             |       |      | NAIC     |          |           |                |              |              |            |               |               |          |        |           |          |          |             |                          |             |
|                            |  |             |       |      | Desig-   |          |           |                |              |              |            |               |               |          |        |           |          |          |             |                          |             |
|                            |  |             |       |      | nation,  |          |           |                |              |              |            |               |               |          |        |           |          |          |             |                          |             |
|                            |  |             |       |      | NAIC     |          |           |                |              |              |            |               |               | Total    |        |           |          |          |             |                          |             |
|                            |  |             |       |      | Desig-   |          |           |                |              |              |            |               |               | Foreign  |        |           |          |          |             |                          |             |
|                            |  |             | F     |      | nation   |          |           |                |              |              |            |               | Current       | Exchange |        |           |          |          |             |                          |             |
|                            |  |             | 0     |      | Modifier |          |           |                |              |              |            |               | Year's        | Change   |        |           |          |          |             |                          |             |
|                            |  |             | r     |      | and      |          | Rate      |                |              |              |            | Current       | Other-        | in       |        |           |          |          |             |                          |             |
|                            |  | С           | е     |      | SVO      |          | Used to   |                |              | Book/        | Unrealized | Year's        | Than-         | Book/    |        |           |          | Admitted |             |                          | Stated      |
|                            |  | 0           | i     |      | Admini-  |          | Obtain    |                | _            | Adjusted     | Valuation  | (Amor-        | Temporary     | Adjusted | _      | Effective |          | Amount   | Amount      |                          | Contractual |
| CUSIP                      |  | d           | g     | Bond | strative | Actual   | Fair      | Fair           | Par          | Carrying     | Increase/  | tization)     | Impairment    | Carrying | Rate   | Rate      | When     | Due and  | Received    |                          | Maturity    |
| Identification             | Description  | е           | n     | Char | Symbol   | Cost     | Value     | Value          | Value        | Value        | (Decrease) | Accretion     | Recognized    | Value    | of     | of        | Paid     | Accrued  | During Year | Acquired                 | Date        |
| 91914J-AA-0                | VALERO ENERGY PARTNERS-SENIOR UNSECURED  |             |       | 1,2  | 2.B FE   | 1,999,18 |           | 1,923,135      | 2,000,000    | 1,999,650    | 0          | 71            | 0             | 0        | 4.375  | 4.379     | JD       | 3,889    | 87,500      | 12/02/2016               | 12/15/2026  |
| 05348E-AW-9                | AVALONBAY COMMUNITIES IN-SR UNSECURED  |             |       | 1,2  | 1.G FE   | 1,993,48 |           | 1,915,378      | 2,000,000    | 1,997,898    | 0          | 665           | 0             | 0        | 3.500  | 3.538     | MN       | 8,944    | 70,000      | 11/04/2015               | 11/15/2025  |
| 05348E-BA-6                | AvalonBay Communities In-SENIOR UNSECURE                                       |             |       | 1,2  | 1.G FE   | 3,986,16 |           | 3,723,461      | 4,000,000    | 3,993,422    | 0          | 1,351         | 0             | 0        | 3.350  |           | MN       | 17, 122  | 134,000     | 05/03/2017               | 05/15/2027  |
| 097023-CP-8                | Boeing Co/The-SENIOR UNSECURED   |             |       | 1,2  | 2.0 FE   |          | 76.1502   | 1,523,003      | 2,000,000    | 2,026,299    | 0          | (1,919)       | 0             | 0        | 3.250  | 2.972     | FA       |          |             | 08/07/2019               | 02/01/2035  |
| 14040H-BG-9                | Capital One Financial Co-SENIOR UNSECURE                                       |             |       | 2    | 2.A FE   |          | 96.2171   | 962, 171       | 1,000,000    | 999,419      | 0          | 255           |               | 0        | 3.200  | 3.228     | FA<br>AO | 12,978   |             | 02/02/2015               | 02/05/2025  |
| 14040H-BJ-3<br>14040H-BK-0 | Capital One Financial Co-SUBORDINATED<br>Capital One Financial Co-SUBORDINATED | ··          |       | 2    | 2.B FE   | 4,999,60 | 097.0322  | 4,851,609      | 5,000,000    | 5,000,000    | 0          | 9.849         | 0             | 0        | 4.200  | 4. 199    | AU       |          | 210,000     | 10/26/2015<br>01/19/2017 | 10/29/2025  |
| 25746U-DG-1                | Dominion Energy Inc-SENIOR UNSECURED   | .           |       | 1.2  | 2.B FE   |          | 0 94.3343 |                |              |              |            |               |               | 0        | 3.750  |           | JJ<br>∆∩ |          |             | 03/31/2020               |             |
| 347466-AE-4                | Fort Irwin Land LLC-UNSECURED  | .           |       | 1,2  | 2.8 FE   |          | 197.8582  |                |              | 1,984,737    |            |               |               |          | 5.300  | 5.692     | MU       | 4.267    |             | 11/01/2010               | 04/01/2030  |
| 446413-AT-3                | Huntington Ingalls Indus-SENIOR UNSECURE                                       |             |       | 1.2  | 2.0 FE   | 1,700,34 |           | 1,814,995      | 2,000,000    | 2,000,075    |            | (20)          |               | 0        | 4.200  | 4. 199    | MN       | 14,000   | 84,000      | 03/26/2020               | 05/01/2030  |
| 52532X-AF-2                | Leidos Inc-SENIOR UNSECURED  |             |       | 1.2  | 2.0 FE   |          | 090.7430  | 903.418        | 1.000.000    | 990.038      |            | 1. 110        |               | o        | 4.375  | 4. 133    | MNI      | 5.590    |             | 05/07/2020               | 05/15/2030  |
| 570535-AU-8                | Markel Corp-SENIOR UNSECURED   |             |       | 1.2  | 2.B FE   |          | 787.1192  |                | 2,843,000    | 2,829,764    | 0          | 1,110         | 0             | 0        | 3.350  | 3.428     | MS       | 27,514   | 64,370      | 03/15/2022               | 09/17/2029  |
| 637432-ND-3                | NATIONAL RURAL UTIL COOP-SECURED   |             |       | 1.2  | 1.E FE   |          | 95.9947   | 1.919.894      | 2.000.000    | 1.999.720    | 0          | 118           | 0             | n        | 2.850  | 2.856     | .I.I     | 24.383   | 57.000      | 01/20/2015               | 01/27/2025  |
| 666807-BS-0                | Northrop Grumman Corp-SENIOR UNSECURED   |             |       | 1.2  | 2.A FE   |          | 96.0256   | 1,920,511      | 2,000,000    | 1,993,919    | 0          | 675           | 0             | 0        | 4.400  | 4.448     | MN       | 14,667   |             | 03/19/2020               | 05/01/2030  |
| 666807-BT-8                | Northrop Grumman Corp-SENIOR UNSECURED   |             |       | 1,2  | 2.A FE   | 2,551,04 |           | 1,946,648      | 2,000,000    | 2,510,211    | 0          | (22,614)      | 0             | 0        | 5. 150 | 3.181     |          | 17, 167  | 103,000     | 02/25/2021               | 05/01/2040  |
| 679574-AG-8                | Old Dominion Electric Co-FIRST LIEN  |             |       |      | 1.E FE   |          | 5 99.5924 | 497,962        | 500,000      | 518,635      | 0          | (6,053)       | 0             | 0        | 6.210  | 4.781     |          | 2,588    | 31,050      | 02/05/2010               | 12/01/2028  |
| 928668-AU-6                | Volkswagen Group of Amer-SENIOR UNSECURE                                       |             |       |      | 2.A FE   |          | 97.4020   | 1,948,039      | 2,000,000    | 1,985,629    | 0          | 2,052         | 0             | 0        | 4.750  | 4.891     | MN       | 12,667   | 95,000      | 11/07/2018               | 11/13/2028  |
| 928668-BT-8                | Volkswagen Group of Amer-SENIOR UNSECURE                                       |             |       | 1,2  | 2.A FE   |          | 194.3178  | 1,756,197      | 1,862,000    | 1,695,345    | 0          | 3, 104        | 0             | 0        | 4.600  | 6.313     | JD       | 5,472    | 42,826      | 11/04/2022               | 06/08/2029  |
| 30212P-AM-7                | Expedia Group Inc-SENIOR UNSECURED   |             |       | 1,2  | 2.C FE   |          | 98.7337   | 987,337        | 1,000,000    | 998,388      | 0          | 449           | 0             | 0        | 5.000  | 5.054     | FA       | 18,889   | 50,000      | 12/01/2015               | 02/15/2026  |
| 43785V-AD-4                | HomeStreet Inc-SENIOR UNSECURED  |             |       | 1,2  | 2.B FE   | 2,000,00 | 98.6170   | 1,972,340      | 2,000,000    | 2,000,000    | 0          | 0             | 0             | 0        | 6.500  | 6.498     | JD       | 10,833   | 130,000     | 05/17/2016               | 06/01/2026  |
| 594918-BS-2                | MICROSOFT CORP-SENIOR UNSECURED  |             |       | 1,2  | 1.A FE   |          | 88.8285   | 2,664,854      | 3,000,000    | 2,991,334    | 0          | 487           | 0             | 0        | 3.450  | 3.477     | FA       | 41, 113  | 103,500     | 08/01/2016               | 08/08/2036  |
| 655664-AS-9                | Nordstrom Inc-SENIOR UNSECURED   |             |       | 1,2  | 3.A FE   |          | 83.1742   | 831,742        | 1,000,000    | 998,259      | 0          | 362           | 0             | 0        | 4.000  | 4.044     | MS       | 11,778   | 40,000      | 03/06/2017               | 03/15/2027  |
| 743756-AB-4                | Providence St Joseph Hea-UNSECURED   |             |       | 1,2  | 1.E FE   | 2,000,00 |           | 1,878,229      | 2,000,000    | 2,000,016    | 0          | (16)          | 0             | 0        | 2.746  | 2.745     | AO       | 13,730   | 54,920      | 09/20/2016               | 10/01/2026  |
| 855244-AD-1                | Starbucks Corp-SENIOR UNSECURED  |             |       | 1,2  | 2.A FE   |          | 99.3001   | 1,986,001      | 2,000,000    | 1,999,905    | 0          | 4             | 0             | 0        | 3.850  | 3.850     |          | 19,250   | 77,000      | 09/03/2013               | 10/01/2023  |
| 855244-AW-9                | Starbucks Corp-SENIOR UNSECURED  |             |       | 1,2  | 2.A FE   |          | 83.1515   | 1,663,031      | 2,000,000    | 1,991,296    | 0          | 1,095         | 0             | 0        | 2.250  | 2.316     | MS       | 13,625   | 45,000      | 03/10/2020               | 03/12/2030  |
| 28932M-AA-3                | Elm Road Generating Stat-SECURED NOTE  |             |       |      | 1.F FE   |          | 97.4314   | 1,000,655      | 1,027,035    | 1,027,073    | 0          | (11)          | 0             | 0        | 5.209  | 5.207     | FA       | 20,805   | 53,498      | 02/03/2010               | 02/11/2030  |
| 337738-AU-2                | Fisery Inc-SENIOR UNSECURED  |             |       | 1,2  | 2.B FE   | 2,917,38 |           | 2,708,671      | 3,000,000    | 2,938,796    | 0          | 7,936         | 0             | 0        | 3.500  | 0.002     | JJ       | 52,500   | 105,000     | 03/19/2020               | 07/01/2029  |
| 71951Q-AA-0<br>976826-BM-8 | Physicians Realty LP-SENIOR UNSECURED  |             |       | 1,2  | 2.B FE   |          | 094.3399  |                | 3,000,000    |              | 0          | 919<br>546    | 0             | 0        | 4.300  | 4.338     | MS       |          |             | 03/02/2017               | 03/15/2027  |
| 9/6826-BM-8<br>136385-AX-9 | Canadian Natural Resourc-SENIOR UNSECURE                                       | .           |       | 1,2  | 1.G FE   | ,        | 094.5990  |                | 2,000,000    | 1,996,021    |            | 546           |               |          | 3.000  | 3.034     | JU       |          |             | 05/17/2019               | 07/01/2029  |
| 136385-AX-9<br>13645R-AK-0 | Canadian Pacific Railway-SENIOR UNSECURE                                       | ·   · · · · |       | 1,4  | 2.A FE   |          | 094.5990  | 1,891,980      | 2,000,000    | 1,997,045    |            | 731           |               | 0        | 4.450  | 4.488     | u∪       |          |             | 05/23/201/               | 06/01/2027  |
| 06368B-GS-1                | Bank of Montreal-SUBORDINATED  | .           | . Ι Δ | 2    | 2.8 FE   |          | )88.2149  | 6, 175,040     | 7,000,000    |              | o          | /31<br>n      |               | 0        | 3.803  | 3.803     | .ID      | 5,071    | 114,090     | 12/07/2017               | 12/15/2032  |
| 06368B-Q6-8                | Bank of Montreal-SUBORDINATED  | .           | Δ     | 2    | 2.A FE   |          | 098.0126  |                | 3,000,000    | 3,000,000    | n          | n             | n             | 0        | 4.338  | 1         | AO       | 31,089   |             | 10/02/2017               | 10/05/2028  |
| 064159-HB-5                | BANK OF NOVA SCOTIA-SUBORDINATED   |             | Α     | £    | 2.A FE   |          | 097.9231  |                | 5.000,000    | 4.999.875    | 0          | 9             | 0             | 0        | 4.500  | 4.500     | .ID      | 9.375    |             | 12/09/2015               | 12/16/2025  |
| 112585-AH-7                | Brookfield Asset Managem-SENIOR UNSECURE                                       |             | . A   | 1.2  | 1.G FE   |          | 97.7954   | 1,955,909      | 2,000,000    | 2,000,000    | 0          | 0             | 0             | 0        | 4.000  | 3.999     | .i.i     |          | 319, 198    | 01/12/2015               | 01/15/2025  |
| 11271L-AC-6                | Brookfield Finance Inc-SENIOR UNSECURED  |             | . A   | 1.2  | 1.G FE   |          | 091.8386  | 4.591.931      | 5.000.000    | 4.990.492    | 0          | 1.645         |               | 0        | 3.900  | 3.941     | JJ       |          |             | 01/11/2018               | 01/25/2028  |
| 11271L-AE-2                | Brookfield Finance Inc-SENIOR UNSECURED  | .           | Α     | 1,2  | 1.G FE   |          | 91.2415   | 2,737,246      | 3,000,000    | 2,997,762    | 0          | 236           | 0             | 0        | 4.350  | 4.361     | AO       |          |             | 04/07/2020               | 04/15/2030  |
| 11271R-AA-7                | Brookfield Finance Inc-SENIOR UNSECURED  | .           | . A   | 1,2  | 1.G FE   |          | 98.3269   | 983,269        | 1,000,000    | 999,485      | 0          | 356           | 0             | 0        | 4.000  | 4.039     | AO       | 10,000   | 279, 198    | 03/07/2017               | 04/01/2024  |
| 125491-AN-0                | CI Financial Corp-SENIOR UNSECURED   |             | . A   | 1,2  | 2.B FE   | 3,033,69 |           | 2,279,127      | 3,000,000    | 3,027,698    | 0          | (3,133)       | 0             | 0        | 3.200  | 3.065     | JD       | 3,733    |             | 01/13/2021               | 12/17/2030  |
| 559222-AR-5                | Magna International Inc-SR UNSECURED   | .           | . A   | 1,2  | 1.G FE   | 1,992,20 |           | 1,953,564      | 2,000,000    | 1,997,555    | 0          | 786           | 0             | 0        | 4. 150 | 4 . 195   | AO       | 20,750   |             | 09/16/2015               | 10/01/2025  |
| 56501R-AC-0                | Manulife Financial Corp-SENIOR UNSECURED                                       | .           | . A   |      | 1.G FE   |          | 97.4382   | 2,923,146      | 3,000,000    | 2,997,392    | 0          | 711           | 0             | 0        | 4. 150 | 4. 178    |          | 40,463   | 363,698     | 03/01/2016               | 03/04/2026  |
| 56501R-AE-6                | Manulife Financial Corp-SUBORDINATED   | .           | . A   | 2    | 2.A FE   |          | 90.9814   | 1,819,629      | 2,000,000    | 2,000,000    | 0          | 0             | 0             | 0        | 4.061  | 4.061     |          | 28,653   | 320,418     | 02/21/2017               | 02/24/2032  |
| 891160-MJ-9                | Toronto-Dominion Bank/Th-SUBORDINATED  |             | . A   | 2    | 1.F FE   | 4,991,25 |           | 4,612,668      | 5,000,000    | 4,994,487    | 0          | 510           | 0             | 0        | 3.625  | 3.639     | MS       | 53,368   | 420,448     | 09/08/2016               | 09/15/2031  |
| 67077M-AD-0                | Nutrien Ltd-SENIOR UNSECURED   |             | . A   | 1,2  | 2.B FE   |          | 95.3141   | 2,859,424      | 3,000,000    | 2,995,351    | 0          | 1,930         | 0             | 0        | 3.000  | 3.070     | AO       | 22,500   | 329, 198    | 03/23/2015               | 04/01/2025  |
| 00080Q-AF-2                | ABN AMRO BANK NV-SUBORDINATED  |             | . D   |      | 2.B FE   | 2,991,96 | 97.0829   | 2,912,486      | 3,000,000    | 2,997,577    | 0          | 826           | 0             | 0        | 4.750  | 4.782     | JJ       | 60,563   | 381,698     | 07/21/2015               | 07/28/2025  |

## **SCHEDULE D - PART 1**

|                            |   |   |     |      |          |            |         | Showing All Lor | ng-Term BOND: | S Owned Dece | mber 31 of | Current Ye    | ar            |          |        |           |      |          |             |            |             |
|----------------------------|---|---|-----|------|----------|------------|---------|-----------------|---------------|--------------|------------|---------------|---------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2   |   | Coc | les  | 6        | 7          |         | Fair Value      | 10            | 11           | Change     | e in Book/Adi | usted Carryin | g Value  |        |           | I    | nterest  |             | Da         | tes         |
|                            | _   | 3 | 4   | 5    | 1        |            | 8       | 9               |               |              | 12         | 13            | 14            | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |   |   | 1 . |      | NAIC     |            | ·       |                 |               |              |            |               |               |          | . •    |           |      |          |             |            |             |
|                            |   |   |     |      | Desig-   |            |         |                 |               |              |            |               |               |          |        |           |      |          |             |            |             |
|                            |   |   |     |      | nation,  |            |         |                 |               |              |            |               |               |          |        |           |      |          |             |            |             |
|                            |   |   |     |      | NAIC     |            |         |                 |               |              |            |               |               | Total    |        |           |      |          |             |            |             |
|                            |   |   |     |      |          |            |         |                 |               |              |            |               |               |          |        |           |      |          |             |            |             |
|                            |   |   | _   |      | Desig-   |            |         |                 |               |              |            |               | 0             | Foreign  |        |           |      |          |             |            |             |
|                            |   |   | F   |      | nation   |            |         |                 |               |              |            |               | Current       | Exchange |        |           |      |          |             |            |             |
|                            |   |   | 0   |      | Modifier |            | _       |                 |               |              |            | _             | Year's        | Change   |        |           |      |          |             |            |             |
|                            |   | _ | r   |      | and      |            | Rate    |                 |               |              |            | Current       | Other-        | in       |        |           |      |          |             |            |             |
|                            |   | С | е   |      | SVO      |            | Used to |                 |               | Book/        | Unrealized | Year's        | Than-         | Book/    |        |           |      | Admitted |             |            | Stated      |
|                            |   | 0 | i   |      | Admini-  |            | Obtain  |                 |               | Adjusted     | Valuation  | (Amor-        | Temporary     | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |   | d | g   | Bond | strative | Actual     | Fair    | Fair            | Par           | Carrying     | Increase/  | tization)     | Impairment    | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification             | Description   | е | n   | Char | Symbol   | Cost       | Value   | Value           | Value         | Value        | (Decrease) | Accretion     | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 00131L-AH-8                | AIA Group Ltd-SENIOR UNSECURED  |   | D   | 2    | 1.E FE   |            | 91.2816 | 1,825,632       | 2,000,000     | 1,993,208    | 0          | 936           | 0             | 0        | 3.600  | 3.660     | A0   | 16,400   | 311, 198    | 04/02/2019 | 04/09/2029  |
| 00182E-BF-5                | ANZ New Zealand Int'l Lt-SENIOR UNSECURE  |   | D   |      | 1.E FE   | 1,995,800  | 92.8030 | 1,856,060       | 2,000,000     | 1,997,922    | 0          | 410           | 0             | 0        | 3.450  | 3.475     | JJ   | 31,433   | 308, 198    | 07/11/2017 | 07/17/2027  |
| 05578D-AG-7                | BPCE SA-SR UNSECURED  |   | . D |      | 1.E FE   | 3,992,800  | 98.3464 | 3,933,856       | 4,000,000     | 3,998,872    | 0          | 692           | 0             | 0        | 4.000  | 4.019     | A0   | 33,778   | 399, 198    | 04/08/2014 | 04/15/2024  |
| 05600L-AC-0                | BMW Finance NV-SENIOR UNSECURED   |   | D   | 1,2  | 1.F FE   | 3,000,000  |         | 2,612,097       | 3,000,000     | 3,000,000    | 0          | 0             | 0             | 0        | 2.850  | 2.850     | FA   | 32,538   | 85,500      | 08/07/2019 | 08/14/2029  |
| 067316-AH-2                | Bacardi Ltd-SENIOR UNSECURED  |   | D   | 1,2  | 2.C FE   | 16,241,789 |         | 11,225,338      | 12,576,000    | 16, 135, 917 | 0          | (87,686)      | 0             | 0        | 5.300  | 3.573     | MN   | 85, 167  | 666,528     | 10/08/2021 | 05/15/2048  |
| 06738E-AU-9                | Barclays PLC-SENIOR UNSECURED   | . | D   | 1,2  | 2.B FE   | 3,000,000  |         | 2,788,529       | 3,000,000     | 3,000,000    | 0          | 0             | 0             | 0        | 4.337  | 4.337     | JJ   | 61,802   | 130,110     | 01/03/2017 | 01/10/2028  |
| 12563D-AA-3                | CK Hutchison Internation-SENIOR UNSECURE  | . | D   | 2    | 1.F FE   | 1,988,920  |         | 1,731,473       | 2,000,000     |              | 0          | 1,034         | 0             | 0        | 2.750  | 2.814     | MS   | 17,569   | 55,000      | 09/03/2019 | 09/06/2029  |
| 21684A-AA-4                | COOPERATIEVE RABOBANK UA-SUB NOTE   |   | D   | l    | 2.A FE   | 991,860    |         | 992,204         | 1,000,000     | 999.074      | 0          | 927           | 0             | 0        | 4.625  | 4.725     | JD   | 3.854    |             | 11/25/2013 | 12/01/2023  |
| 21684A-AF-3                | Cooperatieve Rabobank UA-SUBORDINATED   |   | D   |      | 2.A FE   | 971,480    |         | 943.378         | 1,000,000     | 988.015      | 0          | 3.065         | 0             | 0        | 3.750  | 4. 115    |      |          |             | 01/19/2017 | 07/21/2026  |
| 225401-AC-2                | CREDIT SUISSE GROUP AG-SENIOR UNSECURED   |   | D   | 1.2  | 2.B FE   | 2,000,000  |         |                 | 2,000,000     | 2,000,000    | 0          | 0             | 0             | 0        | 4.282  | 4.282     | JJ   | 40,917   | 85,640      | 01/04/2017 | 01/09/2028  |
| 22546D-AA-4                | CREDIT SUISSE-SUBORDINATED  |   | D   | .,   | 3.A FE   |            |         | 1.931.752       | 2.000.000     | 2.000.000    | 0          | 0             | 0             | 0        | 6.500  | 6.494     |      | 51.639   | 130,000     | 08/01/2013 | 08/08/2023  |
| 26874R-AE-8                | Eni SpA-SENIOR UNSECURED  |   | D   |      | 2.A FE   | 1,983,980  |         | 1,929,314       | 2,000,000     | 1,990,022    | 0          | 1.467         | 0             | n        | 4.750  |           | MS   |          | 95,000      | 09/05/2018 | 09/12/2028  |
| 36164Q-6M-5                | GE Capital International-SENIOR UNSECURE  |   | D   |      | 2.B FE   | 760,663    |         | 712.222         |               | 751.358      | 0          | (1,434)       | 0             | 0        | 3.373  | 3. 158    | MN   | 3.220    |             | 10/26/2015 | 11/15/2025  |
| 404280-AW-9                | HSBC Holdings PLC-SENIOR UNSECURED  |   | D   |      | 1.G FE   | 1,997,100  |         | 1,933,715       | 2,000,000     | 1,998,968    | 0          |               | 0             | 0        | 4.300  | 4.316     | MS   |          |             | 03/01/2016 | 03/08/2026  |
| 404280-BH-1                | HSBC Holdings PLC-SUBORDINATED  |   | n   |      | 2.A FE   | 1,995,620  | 96.5925 | 1,931,850       | 2,000,000     | 1,998,111    | 0          | 417           | 0             | n        | 4.375  | -         | MN   | 9,236    |             | 01/19/2017 | 11/23/2026  |
| 404280-BK-4                | HSBC HOLDINGS PLC-SENIOR UNSECURED  |   | n   | 2    | 1.G FE   | 1,000,000  |         | 922,260         | 1,000,000     | 1.000.000    | 0          | 0             | 0             | n        | 4.041  | 4.041     |      |          | 40,410      | 03/06/2017 | 03/13/2028  |
| 40434C-AD-7                | HSBC USA INC-SR UNSECURED   |   | 0   | 2    | 1.E FE   | 1,991,480  |         |                 | 2,000,000     | 1,998,540    |            | 937           |               |          | 3.500  | 3.551     | ID   | 1.556    | 70,000      | 06/16/2014 | 06/23/2024  |
| 44841D-AB-8                | Hutchison Whampoa Intern-SENIOR UNSECURE  |   | D   |      | 1.F FE   |            | 97.1794 | 971,794         | 1,000,000     | 999.755      |            | 108           |               |          | 3.625  |           | AO   | 6. 142   |             | 10/28/2014 | 10/31/2024  |
|                            | ING Groep NV-SENIOR UNSECURED   |   | D   |      | 1.G FE   | 1,997,380  | 94.6739 | 1,893,477       | 2,000,000     | 1,998,799    |            | 234           |               |          | 3.950  | 3.964     | MO   |          |             | 03/21/2017 |             |
| 456837-AH-6<br>456837-AP-8 | ING Groep NV-SENIOR UNSECURED   |   | D   |      | 1.G FE   |            |         |                 |               |              | 0          | 234           |               |          | 3.950  |           | MS   |          |             | 03/21/2017 | 03/29/2027  |
|                            |   |   | D   |      | 1.G FE   |            |         | 4,501,932       | 5,000,000     | 4.979.802    |            | 291           |               |          | 3.550  |           | MN   |          |             |            | 04/09/2024  |
| 539439-AQ-2<br>539439-AR-0 | Lioyds Banking Group PLC-SENIOR UNSECURE Lioyds Banking Group PLC-SENIOR UNSECURE |   | D   | 2    | 1.6 FE   | 4,965,580  |         |                 | 2.000,000     |              |            | 649           |               |          | 4.375  |           | MS   |          |             | 10/31/2017 | 11/07/2028  |
|                            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   |   | D   |      | 1.G FE   |            | 95.6059 |                 | 2,000,000     | 1,995,987    | 0          |               |               |          |        |           | MS   |          |             |            | 03/22/2028  |
| 53944Y-AB-9<br>53944Y-AD-5 | Lloyds Banking Group PLC-SUBORDINATED   |   | D   |      | 2.A FE   | 1,995,400  |         |                 |               |              | 0          |               |               |          | 4.650  | 4.676     | MS   |          | 93,000      | 03/17/2016 | 03/24/2026  |
|                            | LLOYDS BANKING GROUP PLC-SENIOR UNSECURE  |   | D   |      | 1.6 FE   | 3,015,750  |         | 2,791,693       | 3,000,000     | 3,007,706    | 0          | (1,750)       |               |          | 3.750  |           | JJ   |          | 112,500     | 01/09/2018 | 01/11/2027  |
| 60688U-AB-2                | Mizuho Financial Group C-SUBORDINATED   |   | D   |      |          | 2,992,620  |         |                 | ., ,          |              | 0          |               | 0             | 0        | 4.600  |           | MS   | . ,      | 138,000     | 03/20/2014 | 03/27/2024  |
| 638602-BP-6                | NATIONWIDE BLDG SOCIETY-SENIOR UNSECURED  |   | D   |      | 1.E FE   | 4,981,150  |         | 4,807,681       | 5,000,000     | 4,994,481    | 0          | 1,980         | 0             | 0        | 3.900  | 3.945     | JJ   | 86,667   | 195,000     | 07/14/2015 | 07/21/2025  |
| 780097-BA-8                | Natwest Group PLC-SENIOR UNSECURED  |   | D   |      | 1.G FE   |            | 97.9329 | 5,875,976       | 6,000,000     | 6,081,530    | 0          | (23,253)      | 0             | 0        | 4.800  | 4.343     | AU   | 68,800   | 288,000     | 12/20/2017 | 04/05/2026  |
| 780097-BG-5                | Natwest Group PLC-SENIOR UNSECURED  |   | D   | 2    | 1.G FE   | 2,000,000  |         | 1,885,301       | 2,000,000     | 2,000,000    | 0          | 0             | 0             | 0        | 4.892  | 4.892     |      | 11,415   | 97,840      | 05/15/2018 | 05/18/2029  |
| 80283L-AJ-2                | Santander UK PLC-SENIOR UNSECURED   | - | D   |      | 1.E FE   | 1,986,640  |         |                 | 2,000,000     | 1,998,082    | 0          | 1,452         | 0             | 0        | 4.000  |           | MS   | 24,000   | 80,000      | 03/10/2014 | 03/13/2024  |
| 806213-AD-6                | Scentre Group Trust 1 / -SENIOR UNSECURE  |   | D   | 1,2  | 1.F FE   |            | 93.7252 | 937,252         | 1,000,000     | 999,095      | 0          | 291           | 0             | 0        | 3.250  |           | A0   | 5,688    | 32,500      | 04/21/2015 | 10/28/2025  |
| 806854-AH-8                | Schlumberger Investment -SR UNSECURED   |   | D   | 1,2  | 1.F FE   |            | 98.7129 | 987, 129        | 1,000,000     | 999,626      | 0          | 370           | 0             | 0        | 3.650  | 0.000     | JD   | 3,042    | 36,500      | 11/25/2013 | 12/01/2023  |
| 822582-BX-9                | Shell International Fina-SENIOR UNSECURE  |   | D   |      | 1.D FE   |            | 92.7569 | 927,569         | 1,000,000     | 984,291      | 0          | 3,959         | 0             | 0        | 2.500  |           | MS   | 7,569    | 25,000      | 11/09/2016 | 09/12/2026  |
| 853254-AJ-9                | Standard Chartered PLC-SUBORDINATED   |   | D   |      | 2.B FE   | 986 , 150  |         | 999,552         | 1,000,000     | 999,943      | 0          | 1,644         | 0             | 0        | 3.950  |           | JJ   | 18,653   | 39,500      | 01/30/2013 | 01/11/2023  |
| 853254-AL-4                | Standard Chartered PLC-SUBORDINATED   |   | . D |      | 2.B FE   | 1,998,240  |         | 1,981,656       | 2,000,000     | 1,999,736    | 0          | 163           | 0             | 0        | 5.200  |           | JJ   | 44,778   | 104,000     | 09/23/2013 | 01/26/2024  |
| 853254-BK-5                | Standard Chartered PLC-SUBORDINATED   |   | D   | 2    | 2.B FE   |            |         | 1,757,294       | 2,000,000     | 2,000,000    | 0          | 0             | 0             | 0        | 4.866  |           | MS   | 28,655   | 97,320      | 03/12/2018 | 03/15/2033  |
| 853254-BP-4                | Standard Chartered PLC-SENIOR UNSECURED   | . | D   | 2    | 1.G FE   | 1,000,000  |         | 889,627         | 1,000,000     | 1,000,000    | 0          | 0             | 0             | 0        | 4.305  | 4.305     |      | 4,783    | 43,050      | 05/16/2019 | 05/21/2030  |
| 89153V-AG-4                | Total Capital Internatio-SENIOR UNSECURE  | . | D   |      | 1.E FE   | 1,994,900  |         | 1,973,731       | 2,000,000     | 1,999,389    | 0          | 544           | 0             | 0        | 3.700  | 3.729     |      | 34, 122  | 74,000      | 08/05/2013 | 01/15/2024  |
| 89153V-AL-3                | Total Capital Internatio-SR UNSECURED   | . | D   |      | 1.E FE   | 2,977,470  |         | 2,959,315       | 3,000,000     | 2,996,726    | 0          | 2,360         | 0             | 0        | 3.750  |           | AO   | 25,313   | 112,500     | 01/08/2014 | 04/10/2024  |
| 902133-AR-8                | Tyco Electronics Group S-SENIOR UNSECURE  | . | D   | 1,2  | 1.G FE   |            | 97.7074 | 977,074         | 1,000,000     | 999,278      | 0          | 424           | 0             | 0        | 3.450  | 3.496     |      | 14,375   | 34,500      | 07/28/2014 | 08/01/2024  |
| 90351D-AB-3                | UBS GROUP FUNDING-SR UNSECURED  | . | D   |      | 1.G FE   | 2,014,980  |         | 1,943,936       | 2,000,000     | 2,005,343    | 0          | (1,851)       | 0             | 0        | 4. 125 | 4.019     |      | 22,229   | 82,500      | 01/26/2017 | 09/24/2025  |
| 90351D-AF-4                | UBS GROUP FUNDING-SENIOR UNSECURED  | . | D   |      | 1.G FE   | 4,004,520  |         |                 | 4,000,000     | 4,002,141    | 0          | (657)         | 0             | 0        | 4. 125 | 4.106     | AO   | 34,833   | 165,000     | 01/19/2017 | 04/15/2026  |
| 90352J-AC-7                | UBS GROUP FUNDING SWITZE-SENIOR UNSECURE  |   | D   | 2    | 1.G FE   | 2,000,000  | 93.3873 | 1,867,745       | 2,000,000     | 2,000,000    | 0          | 0             | 0             | 0        | 4.253  | 4.252     | MS   | 23, 155  | 85,060      | 03/16/2017 | 03/23/2028  |
| 92857W-BK-5                | Vodafone Group PLC-SENIOR UNSECURED   |   | D   |      | 2.B FE   | 1,974,020  | 98.6666 | 1,973,332       | 2,000,000     | 1,984,535    | 0          | 2,457         | 0             | 0        | 4.375  | 4.537     | MN   | 7,535    | 87,500      | 05/23/2018 | 05/30/2028  |
| 984851-AD-7                | YARA INTERNATIONAL ASA-SENIOR UNSECURED   | . | D   | 1,2  | 2.B FE   | 1,991,920  | 92.2620 | 1,845,240       | 2,000,000     | 1,996,885    | 0          | 822           | 0             | 0        | 3.800  | 3.848     | JD   | 5,278    | 76,000      | 06/01/2016 | 06/06/2026  |
| 984851-AG-0                | Yara International ASA-SENIOR UNSECURED   | . | D   | 1,2  | 2.B FE   | 4,747,250  | 80.3651 | 4,018,256       | 5,000,000     | 4,768,251    | 0          | 21,001        | 0             | 0        | 3. 148 | 3.872     | JD   | 11,805   | 157,400     | 03/16/2022 | 06/04/2030  |

## **SCHEDULE D - PART 1**

|                |  |           |             |                  | ,             |         |               | ng-Term BOND  |               |            |           |                |          | ,      |           |      |            |             |            |             |
|----------------|--|-----------|-------------|------------------|---------------|---------|---------------|---------------|---------------|------------|-----------|----------------|----------|--------|-----------|------|------------|-------------|------------|-------------|
| 1              | 2  | Cod       |             | 6                | 7             |         | air Value     | 10            | 11            |            |           | justed Carryin |          |        |           |      | nterest    |             |            | ates        |
|                |  | 3 4       | 5           |                  |               | 8       | 9             |               |               | 12         | 13        | 14             | 15       | 16     | 17        | 18   | 19         | 20          | 21         | 22          |
|                |  |           |             | NAIC             |               |         |               |               |               |            |           |                |          |        |           |      |            |             |            |             |
|                |  |           |             | Desig-           |               |         |               |               |               |            |           |                |          |        |           |      |            |             |            |             |
|                |  |           |             | nation,          |               |         |               |               |               |            |           |                |          |        |           |      |            |             |            |             |
|                |  |           |             | NAIC             |               |         |               |               |               |            |           |                | Total    |        |           |      |            |             |            |             |
|                |  |           |             | Desig-           |               |         |               |               |               |            |           |                | Foreign  |        |           |      |            |             |            |             |
|                |  | l F       |             | nation           |               |         |               |               |               |            |           | Current        | Exchange |        |           |      |            |             |            |             |
|                |  | 0         |             | Modifier         |               |         |               |               |               |            |           | Year's         | Change   |        |           |      |            |             |            |             |
|                |  | r         |             | and              |               | Rate    |               |               |               |            | Current   | Other-         | in       |        |           |      |            |             |            |             |
|                |  | C e       |             | SVO              |               | Used to |               |               | Book/         | Unrealized | Year's    | Than-          | Book/    |        |           |      | Admitted   |             |            | Stated      |
|                |  | 0 i       |             | Admini-          |               | Obtain  |               |               | Adjusted      | Valuation  | (Amor-    | Temporary      | Adjusted |        | Effective |      | Amount     | Amount      |            | Contractual |
| CUSIP          |  | d g       | Bond        | strative         | Actual        | Fair    | Fair          | Par           | Carrying      | Increase/  | tization) | Impairment     | Carrying | Rate   | Rate      | When | Due and    | Received    |            | Maturity    |
| Identification | Description  | e n       | Char        | Symbol           | Cost          | Value   | Value         | Value         | Value         | (Decrease) | Accretion | Recognized     | Value    | of     | of        | Paid | Accrued    | During Year | Acquired   | Date        |
|                |  | C 11      | Cital       |                  |               |         |               |               |               | (Decrease) | Accietion | Recognized     | value    | 2.970  | 2.970     | raiu |            |             |            |             |
| G8655*-AA-2    | TPG Partner Holdings, L. Senior Note Ser   | 0         | 4.0         | 1.D PL           |               |         | 3,251,600     | 4,000,000     | 4,000,000     |            | 0         |                |          |        | 4.930     | MS   | 30,030     | 118,800     | 09/10/2020 | 09/30/2030  |
|                | Flex Ltd-SENIOR UNSECURED  | D         | 1,2         | 2.C FE           | 995,620       | 93.4547 | 934,547       | 1,000,000     |               | 0          | 372       | 0              | 0        | 4.875  |           | MN   | 6,635      |             | 05/08/2020 | 05/12/2030  |
|                | Petroleos Mexicanos-SENIOR UNSECURED   | D         |             | 3.C FE           | 1,996,400     | 90.5966 |               | 2,000,000     | 1,998,831     | 0          | 332       | 0              | J0       | 4.500  | 4.520     | JJ   |            | 90,000      | 01/15/2015 | 01/23/2026  |
|                | Royal Caribbean Cruises -SENIOR UNSECURE   | D         | 1,2         | 4.C FE           | 996,230       |         | 742,500       | 1,000,000     | 997,912       | 0          | 350       | 0              | J0       | 3.700  | 3.744     | MS   |            |             | 11/20/2017 | 03/15/2028  |
| 04686J-AA-9    | Athene Holding Ltd-SENIOR UNSECURED  | D         | 1,2         | 2.A FE           |               |         | 3,678,735     | 4,000,000     | 3,885,632     | 0          | 3,290     |                | J0       | 4. 125 | 4.747     | JJ   |            |             | 11/04/2022 | 01/12/2028  |
| 00185A-AK-0    | Aon PLC-SENIOR UNSECURED   | D         | 1,2         | 2.A FE           | 1,999,440     |         | 1,949,868     | 2,000,000     | 1,999,781     | 0          | 59        | 0              | 0        | 3.875  | 3.878     | JD   | 3,444      | 77,500      | 02/23/2016 | 12/15/2025  |
|                | Macquarie Group Ltd-SENIOR UNSECURED   | D         | 2           | 1.G FE           |               | 94.0711 | 2,813,666     | 2,991,000     |               | 0          | 1,742     | 0              | 0        | 4.654  | 6.499     | MS   | 12,043     | 0           | 11/04/2022 | 03/27/2029  |
| 55608P-AQ-7    | Macquarie Bank Ltd-SENIOR UNSECURED  | D         |             | 1.F FE           | 998,530       | 97.4295 | 974,295       | 1,000,000     | 999,569       | 0          | 146       | 0              | 0        | 4.000  | 4.017     | JJ   | 16,889     | 40,000      | 07/23/2015 | 07/29/2025  |
| 87124V-AD-1    | Sydney Airport Finance C-FIRST LIEN  | D         |             | 2.A FE           | 998 , 160     |         | 996,862       | 1,000,000     | 999,916       | 0          | 162       | 0              | 0        | 3.900  | 3.917     | MS   | 10,725     | 39,000      | 10/16/2012 | 03/22/2023  |
| 961214-CX-9    | Westpac Banking Corp-SENIOR UNSECURED  | D         |             | 1.D FE           | 1,992,240     |         | 1,873,976     | 2,000,000     |               | 0          | 785       | 0              | 0        | 2.850  | 2.894     | MN   |            | 57,000      | 05/09/2016 | 05/13/2026  |
|                | Westpac Banking Corp-SUBORDINATED  | D         | 2           | 2.A FE           | ' '           |         | 941,019       | 1,000,000     | 1,000,000     | 0          | 0         | 0              | 0        | 4.322  | 4.322     | MN   | 4,562      | 43,220      | 11/15/2016 | 11/23/2031  |
| 21688A-AE-2    | Cooperatieve Rabobank UA-RABOBANK NED NY   | D         |             | 1.D FE           | 2,995,950     |         | 2,910,337     | 3,000,000     | 2,998,912     | 0          | 401       | 0              | 0        | 3.375  | 3.390     | MN   | 11,250     | 101,250     | 05/14/2015 | 05/21/2025  |
| 22546Q-AP-2    | CREDIT SUISSE NEW YORK-SR UNSECURED  | D         |             | 1.G FE           | 1,988,720     | 93.4696 | 1,869,393     | 2,000,000     | 1,997,793     | 0          | 1,200     | 0              | 0        | 3.625  | 3.691     | MS   | 22,556     | 72,500      | 09/04/2014 | 09/09/2024  |
| 69832A-AC-0    | Panasonic Corp-SENIOR UNSECURED  | D         | 1,2         | 2.A FE           | 1,000,000     |         | 874,605       | 1,000,000     | 1,000,000     | 0          | 0         | 0              | 0        | 3. 113 | 3. 113    | JJ   | 14,009     | 31, 130     | 07/10/2019 | 07/19/2029  |
| 874060-AW-6    | Takeda Pharmaceutical Co-SENIOR UNSECURE   | D         | 1,2         | 2.B FE           | 2,987,400     | 99.1461 | 2,974,384     | 3,000,000     | 2,991,958     | 0          | 1,122     | 0              | 0        | 5.000  | 5.052     | MN   | 14,583     | 150,000     | 11/19/2018 | 11/26/2028  |
| 064255-AR-3    | MUFG Bank Ltd-SENIOR UNSECURED   | D         |             | 1.E FE           | 996, 100      |         | 994,610       | 1,000,000     | 999,657       | 0          | 412       | 0              | 0        | 4.100  | 4 . 144   | MS   | 12,756     | 41,000      | 09/03/2013 | 09/09/2023  |
| 064255-AW-2    | Bank of Tokyo-Mitsubishi-JUNIIOR SUBORDI   | D         |             | 1.E FE           | 2,993,550     |         |               | 3,000,000     | 2,999,076     | 0          | 644       | 0              | 0        | 3.750  | 3.773     | MS   | 34,688     | 112,500     | 03/04/2014 | 03/10/2024  |
| 606822-CN-2    | Mitsubishi UFJ Financial-SENIOR UNSECURE   | D         | 2           | 1.G FE           | 2,407,250     | 99.0894 |               | 2,500,000     | 2,409,174     | 0          | 1,924     | 0              | 0        | 5.354  | 6.116     | MS   | 40 , 155   | 0           | 11/04/2022 | 09/13/2028  |
| 60687Y-CL-1    | Mizuho Financial Group I-SENIOR UNSECURE   | D         | 2           | 1.G FE           | 1,612,106     | 99.9131 | 1,665,551     | 1,667,000     | 1,613,242     | 0          |           | 0              | 0        | 5.414  | 6.090     | MS   | 27,075     | 0           | 11/04/2022 | 09/13/2028  |
| 686330-AJ-0    | ORIX Corp-SENIOR UNSECURED   | D         |             | 1.G FE           | 1,995,860     | 93.7486 | 1,874,972     | 2,000,000     | 1,997,942     | 0          | 402       | 0              | 0        | 3.700  | 3.724     | JJ   |            | 74,000      | 07/10/2017 | 07/18/2027  |
| 86562M-AA-8    | SUMITOMO MITSUI FINANCIA-SUBORDINATED  | D         |             | 2.B FE           | 1,000,000     | 98.2796 | 982,796       | 1,000,000     | 1,000,000     | 0          | 0         | 0              | 0        | 4.436  | 4.433     | AO   | 10,967     | 44,360      | 03/26/2014 | 04/02/2024  |
| 052528-AH-9    | Australia & New Zealand -SUBORDINATED  | D         |             | 2.A FE           | 998,640       | 98.4592 | 984,592       | 1,000,000     | 999,789       | 0          | 117       | 0              | 0        | 4.500  | 4.513     | MS   | 12,750     | 45,000      | 03/12/2014 | 03/19/2024  |
| 632525-AS-0    | National Australia Bank -SUBORDINATED  | D         | 2           | 2.A FE           | 1,000,000     | 83.8399 | 838,399       | 1,000,000     | 1,000,000     | 0          | 0         | 0              | 0        | 3.933  | 3.933     | FA   | 16,278     | 39,330      | 07/29/2019 | 08/02/2034  |
| 632500-DJ-7    | National Australia Bank -SENIOR UNSECURE   | D         |             | 1.D FE           | 4,995,000     | 94.6702 | 4,733,512     | 5,000,000     | 4,997,795     | 0          | 493       | 0              | 0        | 3.500  | 3.512     | JJ   | 83, 125    | 175,000     | 01/04/2017 | 01/10/2027  |
|                | Telstra Corp Ltd-SENIOR UNSECURED  | D         | 1,2         | 1.G FE           | 998,300       | 95.7585 | 957,585       | 1,000,000     | 999,570       | 0          | 168       | 0              | 0        | 3. 125 | 3. 143    | AO   | 7,292      | 31,250      | 03/30/2015 | 04/07/2025  |
| 980236-AM-5    | Woodside Finance Ltd-SENIOR UNSECURED  | D         | 1.2         | 2.A FE           | 999,420       | 96.0218 | 960.218       | 1,000,000     | 999.859       | 0          | 45        | 0              | 0        | 3.650  | 3.655     | MS   | 11.761     | 36,500      | 02/26/2015 | 03/05/2025  |
| 478375-AG-3    | Johnson Controls Interna-SENIOR UNSECURE   | D         | 1.2         | 2.B FE           | 930.516       |         | 910.864       | 931.000       | 930.714       | 0          | 182       | 0              | 0        | 3.625  | 3.646     | JJ   | 16.781     |             | 06/10/2014 | 07/02/2024  |
|                | Subtotal - Bonds - Industrial and Miscella                                       | neous (Un | affiliated) | - Issuer         | ,,,,,         |         |               | ,             |               | -          |           |                |          |        |           | ĺ    | , =:       | ,           |            |             |
| Obligations    |  | (311      |             |                  | 1,439,933,611 | XXX     | 1,328,829,158 | 1,419,989,871 | 1,439,047,896 | 0          | (692,559) | 0              | 0        | XXX    | XXX       | XXX  | 14,341,648 | 56,642,202  | XXX        | XXX         |
|                | APS Resecuritization Tru-APS 2016-1 1A   |           | 4           | 1.A FE           | 142,877       | 99.0449 | 158,779       |               | 160,219       | 0          |           | 0              | 0        | 4.270  | 5.769     |      | 1,142      | 1,905       | 03/18/2016 | 07/01/2057  |
|                | Adjustable Rate Mortgage-ARMT 2005-2 2A1   |           | 4           | 1.A FM           |               | 96.6619 | 23,569        | 24,383        | 23,349        | n          | 556       | 0              | 0        | 4.780  | 7.586     | MON  |            |             | 07/24/2013 | 06/01/2035  |
|                | Alternative Loan Trust 2-CWALT 2006-26CB   |           | 4           | 4.C FM           |               |         | 212.783       | 364.797       | 243.914       | n          | (9.288)   | 6.227          | n        | 6.500  | 4.320     | MON  | 2.930      |             | 12/29/2021 | 09/01/2036  |
|                | American Home Mortgage A-AHMA 2006-4 1A1   |           | 4           | 4.0 IM           |               |         | 82.842        | 150,036       | 82,691        | n          | 5.227     | 0,227          | n        | 4.579  | 9.825     | MON  | 95         | 2,506       | 05/20/2008 | 10/25/2046  |
|                | BCAP LLC 2010-RR12 Trust-BCAP 2010-RR12  |           | 4           | 2.B FM           | 247 , 114     |         | 252.104       | 282,058       | 276,892       | ٥          | 8. 172    | 0              | 0        | 3.226  | 6.051     | MON  | 1.519      | 7,858       | 06/07/2016 | 06/01/2037  |
|                | Banc of America Funding -BAFC 2006-3 2A1   |           | 4           | 1.A FM           |               |         | 316.998       | 355,361       | 272,635       | ٥          | 14.630    |                |          | 6.000  | 15.329    |      | 7.319      | 15,866      | 03/29/2012 | 03/01/2036  |
|                | Banc of America Funding -BAFC 2006-3 4A1   |           | 4           | 4.C FM           |               |         | 191.586       | 209,810       | 200,756       |            | (671)     | 3.423          |          | 5.750  | 5.212     | MON  | 1.005      | 11,042      | 03/29/2012 | 03/01/2036  |
|                | Banc of America Mortgage-BOAMS 2005-A 2A   |           | 4           | 4.0 FM           |               | 96.5603 | 83.863        | 86.851        | 86.312        |            | 2.132     | 0,423          |          | 2.543  | 5.755     | MON  |            | 2.034       | 05/06/2016 | 02/01/2035  |
|                | Banc of America Mortgage-BOAMS 2005-A 2ABanc of America Mortgage-BOAMS 2005-A 2A |           | ,           | 1.A FM           | 73.999        |         | 73.380        | 75.994        | 75.994        |            |           |                |          | 2.543  | 5. 463    | MON  |            |             | 05/06/2016 | 02/01/2035  |
|                | Banc of America Mortgage-BOAMS 2005-8 A9   |           | 4           | 1.A FM<br>3.B FM | .,            | 89.8990 | 73,380        | 75,994        | 75,994        |            |           |                |          | 5.500  | 6.496     |      |            |             | 10/13/2005 | 02/01/2035  |
|                | Banc of America Mortgage-BOAMS 2005-8 A9   |           | 4           | 3.B FM           |               |         | 309,753       | 348,892       | 94,386        |            | 4,932     |                |          | 4.079  | 7.410     |      | 2.376      |             | 07/22/2013 | 10/01/2035  |
|                | ÷ ÷  |           | 4           | 3.B FM           |               |         |               | 9, 121        | 9.470         |            |           | 35,766         |          | 3.854  | 4.715     | MON  |            |             | 07/22/2013 | 10/01/2035  |
|                | Banc of America Mortgage-BOAMS 2005-J 2A   |           | 4           | 3.B FM<br>1.A FM |               |         |               |               | 9,470         | 0          |           |                |          |        |           |      | 120        |             |            |             |
|                | Banc of America Funding -BAFC 2006-1 1A2   |           | 4           |                  | 208,332       |         | 184,543       | 190,865       | ,             | 0          | 601       | 0              | J0       | 5.750  | 3.515     | MON  | ,          | 9,077       | 01/10/2022 | 01/01/2036  |
|                | Banc of America Funding -BAFC 2007-1 TA1   |           | 4           | 1.A FM           | 81,536        | 85.5992 | 73,467        | 85,827        | 67,856        | 0          | 528       | J0             | J0       | 5.846  | 12.269    | MON  | 878        | 4,029       | 05/13/2008 | 01/01/2037  |
|                | Banc of America Funding -BAFC 2006-8T2 A   |           | 4           | 1.A FM           |               | 83.8186 | 5,817         | 6,940         | 5,033         | 0          | (133)     | ·  0           | J0       | 5.791  | 15.425    |      | 61         | 307         | 04/30/2008 | 10/01/2036  |
| 059522-AU-6    | Banc of America Funding -BAFC 2007-C 1A2   |           | 4           | 1.A FM           | 279,740       | 91.5647 | 277,731       | 303,316       | 288,863       | 0          | 10,298    | 0              | 0        | 3.473  | 7.588     | MON  | 1,693      | 8,466       | 02/12/2016 | 05/01/2036  |

## **SCHEDULE D - PART 1**

|                            |  |   |     |      |                  |           |            |            | ng-Term BOND | S Owned Dece | mber 31 of | Current Ye | ar            |                     |        |           |      |          |             |            |             |
|----------------------------|--|---|-----|------|------------------|-----------|------------|------------|--------------|--------------|------------|------------|---------------|---------------------|--------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2  |   | Cod |      | 6                | 7         |            | Fair Value | 10           | 11           |            |            | usted Carryin |                     |        |           |      | nterest  |             | Da         |             |
|                            |  | 3 | 4   | 5    |                  |           | 8          | 9          |              |              | 12         | 13         | 14            | 15                  | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |  |   |     |      | NAIC             |           |            |            |              |              |            |            |               |                     |        |           |      |          |             |            |             |
|                            |  |   |     |      | Desig-           |           |            |            |              |              |            |            |               |                     |        |           |      |          |             |            |             |
|                            |  |   |     |      | nation,          |           |            |            |              |              |            |            |               | T-4-1               |        |           |      |          |             |            |             |
|                            |  |   |     |      | NAIC             |           |            |            |              |              |            |            |               | Total               |        |           |      |          |             |            |             |
|                            |  |   | F   |      | Desig-<br>nation |           |            |            |              |              |            |            | Current       | Foreign<br>Exchange |        |           |      |          |             |            |             |
|                            |  |   | 0   |      | Modifier         |           |            |            |              |              |            |            | Year's        | Change              |        |           |      |          |             |            |             |
|                            |  |   | ľ   |      | and              |           | Rate       |            |              |              |            | Current    | Other-        | in                  |        |           |      |          |             |            |             |
|                            |  | С | ė   |      | SVO              |           | Used to    |            |              | Book/        | Unrealized | Year's     | Than-         | Book/               |        |           |      | Admitted |             |            | Stated      |
|                            |  | 0 | ĭ   |      | Admini-          |           | Obtain     |            |              | Adjusted     | Valuation  | (Amor-     | Temporary     | Adjusted            |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d | g   | Bond | strative         | Actual    | Fair       | Fair       | Par          | Carrying     | Increase/  | tization)  | Impairment    | Carrying            | Rate   |           | When | Due and  | Received    |            | Maturity    |
| Identification             | Description  | е |     | Char | Symbol           | Cost      | Value      | Value      | Value        | Value        | (Decrease) | Accretion  | Recognized    | Value               | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 05990H-AH-6                | Banc of America Funding -BAFC 2010-R2 1A   |   |     | 4    | 1.A FM           | 225,350   | 92.6992    | 330, 155   | 356 , 157    | 209,890      | 0          | 7,008      | 0             | 0                   | 6.000  | 22.631 N  | 10N  | 3,571    | 19,578      | 09/23/2010 | 08/01/2037  |
| 05990H-AQ-6                | Banc of America Funding -BAFC 2010-R2 3A   |   |     | 4    | 1.A FM           | 169,627   | 97.5642    | 170,229    | 174,479      | 169,565      | 0          | 3,467      | 0             | 0                   | 4.001  | 6.396 N   | 10N  | 1,166    | 4,680       | 08/24/2016 | 07/01/2035  |
| 06744D-AA-7                | Barclays Mortgage Loan T-BARC 2022-NQM1  | . |     | 4    | 1.A FE           | 1,402,832 | 96.6959    | 1,382,282  | 1,429,514    | 1,404,800    | 0          | 1,968      | 0             | 0                   | 4.516  | 5.187 N   | 10N  | 5,379    | 21,624      | 08/29/2022 | 07/01/2052  |
| 06744D-AB-5                | Barclays Mortgage Loan T-BARC 2022-NQM1  | . |     | 4    | 1.C FE           | 1,375,294 |            |            | 1,429,514    | 1,377,112    | 0          | 1,818      | 0             | 0                   |        | 5.406 N   |      | 5,379    | 21,625      | 08/29/2022 | 07/01/2052  |
| 07384M-S7-8                | Bear Stearns ARM Trust 2-BSARM 2004-5 2A   |   |     | 4    | 3.B FM           | 170,740   |            | 154,007    | 169,998      | 169,898      | 0          | 1,891      | 0             | 0                   | 3. 169 |           | 10N  | 900      | 4,755       | 01/27/2017 | 07/01/2034  |
| 07384Y-KF-2                | Bear Stearns Asset Backe-BSABS 2003-AC4  | . |     | 4    | 1.A FM           | 428,306   |            | 412,579    | 423,803      | 419, 108     | 0          | (741)      | 0             | 0                   | 5.500  |           | 10N  | 3,903    | 20,641      | 07/10/2013 | 09/01/2033  |
| 07386X-AH-9                | Bear Stearns ALT-A Trust-BALTA 2007-1 21   | . |     | 4    | 1.A FM           | 657,526   |            | 515,314    | 942,089      | 544,235      | 0          | (3,948)    | 104, 405      | 0                   | 3.234  |           | 10N  | 5,111    | 26,227      | 12/29/2021 | 01/01/2047  |
| 10569J-AB-6                | BRAVO Residential Fundin-BRAVO 2022-NQM3   | . |     | 4    | 1.C FE           |           | 96.8279    | 930,296    | 960,772      | 957,620      | 0          | 646        | 0             | 0                   |        | 5.747 N   |      | 8,827    | 13, 152     | 08/29/2022 | 07/01/2062  |
| 12529L-AA-8                | CFMT 2020-HB4 LLC-CFMT 2020-HB4 A  |   |     | 4    | 1.A FE           | 1,828,412 |            | 1,772,656  | 1,828,413    | 1,818,442    | 0          | 3,477      | 0             | 0                   | 0.946  | 1.144 N   |      | 1,801    | 15,857      | 12/11/2020 | 12/26/2030  |
| 125431-AH-9<br>12544D-AG-4 | CHL Mortgage Pass-Throug-CWHL 2006-HYB4 CHL Mortgage Pass-Throug-CWHL 2007-14 A7   |   |     | 4    | 1.A FM           |           |            |            | 105,633      | 66,057       | 0          |            |               | 0                   | 3.423  | 17.832 N  | ION  |          | 3,539       | 08/29/2007 | 06/01/2036  |
| 12544D-AG-4<br>12544H-BF-6 | CHL Mortgage Pass-Inroug-CWHL 2007-14 A7  CHL Mortgage Pass-Throug-CWHL 2007-HY7 A |   |     | 4    | 1.A FM           |           | . 116.0000 | 47,142     | 82,325       |              | 0          | (2,016)    | 3,4/4         | 0                   |        | 4.925 N   |      | 415      |             | 12/29/2021 | 11/01/2037  |
| 12545E-AK-2                | CHL Mortgage Pass-Throug-CWHL 2007-H17 A  CHL Mortgage Pass-Throug-CWHL 2007-J2 2A |   |     | 4    | 3.A FM           |           | 42.0778    | 67.050     | 159.348      | 76.382       |            |            | 5 152         |                     | 6.000  | 6.101     |      | 1.283    | 2.411       | 01/10/2022 | 07/01/2037  |
| 12564E-AA-0                | CIM Trust 2021-J2-CIM 2021-J2 A1   |   |     | 4    | 1.A              |           | 81.4889    | 2.561.843  | 3,143,794    | 3, 177, 924  | 0          | (952)      |               | 0                   | 2.500  | 2.369 N   |      |          | 72,045      | 03/29/2021 | 04/01/2051  |
| 12564K-AA-6                | CIM Trust 2021-J1-CIM 2021-J1 A1   |   |     | 4    | 1.A              | 1,634,500 |            | 1,284,226  | 1,592,692    | 1,632,887    | 0          | (783)      | 0             | 0                   | 2.500  | 2.199 N   |      | 6.654    |             | 03/01/2021 | 03/01/2051  |
| 12566U-AE-4                | CitiMortgage Alternative-CMALT 2007-A2 1   |   |     | 4    | 3.A FM           |           | 90.0804    | 126,940    | 140,919      | 134,777      | 0          | (199)      |               | 0                   |        | 6.585 N   |      | 1.430    | 7,726       | 12/29/2021 | 02/01/2037  |
| 12566U-AN-4                | CitiMortgage Alternative-CMALT 2007-A2 1   |   |     | 4    | 1.A FM           |           | 89.1586    | 439,798    | 493,276      | 406,111      | 0          | 5,855      | 103,741       | 0                   | 5.750  | 1         | ION  | 2,385    | 26,665      | 12/29/2021 | 02/01/2037  |
| 12628L-AD-2                | CSAB Mortgage-Backed Tru-CSAB 2006-4 A2A   |   |     | 4    | 1.A FM           | 303,914   | 21.6118    | 213,360    | 987,235      | 245,081      | 0          | (252)      | 58,581        | 0                   | 5.611  | 4.808 N   | 10N  | 4,616    | 12,787      | 12/29/2021 | 12/01/2036  |
| 12638P-AB-5                | CSMC Mortgage-Backed Tru-CSMC 2007-3 1A1   |   |     | 4    | 1.A FM           | 245,031   | 27.0368    | 186,247    | 688,865      | 239,967      | 0          | 4, 103     | 9, 167        | 0                   | 5.837  | 5.150 N   | 10N  | 4,018    | 10,086      | 12/29/2021 | 04/01/2037  |
| 12641T-AB-2                | CSMC Series 2009-5R-CSMC 2009-5R 1A2   | . |     | 4    | 1.A FM           |           | 81.6935    | 606,357    | 742,235      | 573,940      | 0          | 36,810     | 0             | 0                   |        | 11.546 N  | 10N  | 4,024    | 19, 165     | 09/11/2012 | 06/01/2036  |
| 12646U-AK-4                | CSMC Trust 2013-IVR1-CSMC 2013-IVR1 A2   | . |     | 4    | 1.A              |           | 90.9522    | 260,415    | 286,321      | 269,769      | 0          | (1,254)    | 0             | 0                   | 3.000  |           | 10N  | 1,434    | 7,872       | 01/28/2014 | 03/01/2043  |
| 12646W-AH-7                | CSMC Trust 2013-IVR2-CSMC 2013-IVR2 A2   | . |     | 4    | 1.A              |           | 90.8018    | 219,090    | 241,284      | 226,693      | 0          | (1,385)    | 0             | 0                   | 3.000  | 4.069 N   |      | 1,208    | 6,635       | 02/12/2014 | 04/01/2043  |
| 12647P-AK-4                | CSMC Trust 2013-7-CSMC 2013-7 A6   |   |     | 4    | 1.A              |           | 91.4583    | 304,633    | 333,084      | 321,650      | 0          | (588)      | 0             | 0                   |        |           | 10N  | 1,946    | 10,678      | 01/09/2014 | 08/01/2043  |
| 126670-JP-4                | CHL Mortgage Pass-Throug-CWHL 2005-HYB9  | . |     | 4    | 1.A FM           |           | 82.5714    | 105, 110   | 127,296      | 104,735      | 0          | 4,473      | 9,237         | 0                   |        | 9.136 N   |      | 585      | 3,218       | 11/08/2016 | 02/01/2036  |
| 126670-NY-0                | CWABS Asset-Backed Certi-CWL 2005-16 2AF   | . |     | 4    | 1.A FM           |           | 98.8388    | 63,474     | 64,219       | 82,060       | 0          | 73,765     | 0             | 0                   | 4.341  |           | ION  | 476      | 2,587       | 12/08/2005 | 05/01/2036  |
| 126673-DR-0                | CWABS Asset-Backed Certi-CWL 2004-7 MF2  |   |     | 4    | 1.A FM           |           | 91.9237    | 632,899    | 688,505      | 684,353      | 0          |            | 0             | 0                   | 4.235  | 4.383 N   | ION  | 4,859    |             | 06/17/2020 | 10/01/2034  |
| 12667F-4N-2<br>12667F-5E-1 | Alternative Loan Trust 2-CWALT 2005-7CB  |   |     | 4    | 1.A FM           | 297,833   | 84.6791    | 285,318    | 336,940      | 289,509      | 0          | 1.852      | 11,859        | 0                   | 5.500  | 6.886 N   |      | 1,544    |             | 09/14/2011 | 03/01/2038  |
| 12667F-5E-1<br>12667G-AC-7 | Alternative Loan Trust 2-CWALT 2005-668  |   |     | 4    | 1.A FM           |           | 85. 1051   |            |              |              | 0          | 1,852      |               | 0                   |        | 7.048 N   |      | 961      |             | 03/30/2012 | 04/01/2035  |
| 12668A-PC-3                | Alternative Loan Trust 2-CWALT 2005-130B   |   |     | 4    | 1.A FM           |           | 80.8790    | 239.660    | 209, 761     |              | n          | 1,002      |               | n                   | 5.500  | 6.127 N   |      | 1.358    |             | 12/29/2021 | 11/01/2035  |
| 126694-2H-0                | CHL Mortgage Pass-Throug-CWHL 2006-10 1A   |   |     | 4    | 4.A FM           | 112,944   |            | 87.613     | 174.562      | 102.436      | 0          | (4.213)    | 5.973         | 0                   |        | 1         | ION  | 1.466    | 8.005       | 12/29/2021 | 05/01/2036  |
| 126694-4F-2                | CHL Mortgage Pass-Throug-CWHL 2006-HYB3  |   |     | 4    | 1.A FM           |           | 89.4584    | 213.008    | 238 . 108    | 234.818      | 0          | 5.225      | 0             | 0                   | 3.229  |           | ION  | 1.942    | 5,389       | 12/29/2021 | 05/01/2036  |
| 126694-CS-5                | CHL Mortgage Pass-Throug-CWHL 2005-21 A1   |   |     | 4    | 4.C FM           |           | 64.6991    | 476 . 103  | 735,874      | 588 106      | 0          | (16,295)   | 540           | 0                   | 5.500  | 1.467 N   |      | 3.373    |             | 01/10/2022 | 10/01/2035  |
| 126694-D5-4                | CHL Mortgage Pass-Throug-CWHL 2006-HYB2  |   |     | 4    | 1.A FM           |           | 91.1772    |            | 92,606       | 74,237       | 0          | 11,903     | 0             | 0                   | 2.900  | 20.010 N  |      | 224      | 2,579       | 06/23/2016 | 04/01/2036  |
| 126694-D7-0                | CHL Mortgage Pass-Throug-CWHL 2006-HYB2  |   |     | 4    | 2.C FM           | 117, 187  |            | 115,720    | 128,405      | 131, 194     | 0          | 6,815      | 0             | 0                   |        |           | ION  | 363      | 4, 187      | 11/03/2016 | 04/01/2036  |
| 126694-HP-6                | CHL Mortgage Pass-Throug-CWHL 2005-25 A1   | . |     | 4    | 1.A FM           |           | 52.1366    | 43,686     | 83,792       | 44,692       | 0          | (2,210)    | 16,294        | 0                   | 5.500  | 7.616 N   | 10N  | 731      | 3,726       | 01/10/2022 | 11/01/2035  |
| 126694-LC-0                | CHL Mortgage Pass-Throug-CWHL 2005-24 A3   |   |     | 4    | 5.A FM           |           | 63.5999    | 212, 167   | 333,596      | 258,983      | 0          | 4,528      | 0             | 0                   |        | 2.196 N   |      | 4,563    | 13,737      | 01/10/2022 | 11/01/2035  |
| 12669D-US-5                | CHL Mortgage Pass-Throug-CWHL 2002-39 A1   | . |     | 4    | 1.A FM           | 54,985    |            | 52,037     | 55,479       | 53,996       | 0          | 3          | 124           | 0                   | 5.750  | 5.750 N   |      | 266      | 3, 190      | 12/02/2002 | 02/01/2033  |
| 12669F-V8-3                | CHL Mortgage Pass-Throug-CWHL 2004-HYB4  | . |     | 4    | 1.A FM           | 104       |            | 103        | 104          | 104          | 0          | 0          | 0             | 0                   |        | 3.777 N   |      | 0        | 4           | 01/27/2017 | 09/01/2034  |
| 12669G-3S-8                | CHL Mortgage Pass-Throug-CWHL 2005-16 A2   | . |     | 4    | 3.B FM           |           | 70.6496    | 154,238    | 218,314      | 173,087      | 0          | (4,947)    | 5,456         | 0                   | 5.500  | 3.159 N   |      | 1,001    | 10,995      | 01/10/2022 | 09/01/2035  |
| 12669G-4K-4                | CHL Mortgage Pass-Throug-CWHL 2005-J3 1A   |   |     | 4    | 1.A FM           |           | 76.1589    | 182,213    | 239,253      | 194,617      | 0          | (108)      | 6,638         | 0                   |        | 5.652 N   |      | 1,097    | 12,065      | 01/10/2022 | 09/01/2035  |
| 12669G-R4-5                | CHL Mortgage Pass-Throug-CWHL 2005-15 A8   |   |     | 4    | 1.A FM           |           |            | 183,479    | 309,025      | 192,253      | 0          | (1,973)    | 12,018        | 0                   | 5.500  | 6.005 N   |      | 2,804    | 16,381      | 07/19/2013 | 08/01/2035  |
| 152314-KJ-8                | Centex Home Equity Loan -CXHE 2004-C AF5   |   |     | 4    | 1.A FM           | 1,223,946 |            |            | 1,227,014    | 1,222,314    | 0          | (1,867)    | 0             | 0                   |        | 4.930 N   |      | 10,216   | 56,618      | 08/11/2010 | 06/01/2034  |
| 161546-CW-4<br>16162W-PV-5 | Chase Funding Trust Seri-CFAB 2002-3 1A5   |   |     | 4    | 1.A FM           |           | 96.0879    | 175,923    |              | 182,638      | 0          |            | 0             | 0                   | 5.907  | 6.034 N   |      |          | 9,933       | 09/10/2002 | 06/01/2032  |
| 10 102W-PV-5               | Chase Mortgage Finance T-CHASE 2005-A2 1   | . |     | 4    | I.A FM           | J35,996   | 85.7898    | 35,940     | 41,893       | 30,/31       | 0          | 3, 149     | 0             | J0                  | 3.643  | 14.725    | IUN  | 366      |             | 09/05/2008 | 01/01/2036  |

## **SCHEDULE D - PART 1**

|                |  |             |     |      |          |             |           | Showing All Lor | ng-Term BOND | S Owned Dece | mber 31 of | Current Ye    | ar             |          |        |           |      |          |             |            |             |
|----------------|--|-------------|-----|------|----------|-------------|-----------|-----------------|--------------|--------------|------------|---------------|----------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1              | 2  |             | Cod | les  | 6        | 7           |           | Fair Value      | 10           | 11           | Change     | e in Book/Adi | iusted Carryin | g Value  |        |           | I    | nterest  |             | Da         | tes         |
|                | _  | 3           | 4   | 5    |          | •           | 8         | 9               |              |              | 12         | 13            | 14             | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                |  | ľ           |     |      | NAIC     |             | •         | · ·             |              |              |            |               |                |          | . •    |           |      |          |             |            |             |
|                |  |             |     |      | Desig-   |             |           |                 |              |              |            |               |                |          |        |           |      |          |             |            |             |
|                |  |             |     |      | 5        |             |           |                 |              |              |            |               |                |          |        |           |      |          |             |            |             |
|                |  |             |     |      | nation,  |             |           |                 |              |              |            |               |                | T        |        |           |      |          |             |            |             |
|                |  |             |     |      | NAIC     |             |           |                 |              |              |            |               |                | Total    |        |           |      |          |             |            |             |
|                |  |             |     |      | Desig-   |             |           |                 |              |              |            |               |                | Foreign  |        |           |      |          |             |            |             |
|                |  |             | F   |      | nation   |             |           |                 |              |              |            |               | Current        | Exchange |        |           |      |          |             |            |             |
|                |  |             | 0   |      | Modifier |             |           |                 |              |              |            |               | Year's         | Change   |        |           |      |          |             |            |             |
|                |  |             | r   |      | and      |             | Rate      |                 |              |              |            | Current       | Other-         | in       |        |           |      |          |             |            |             |
|                |  | С           | ė   |      | SVO      |             | Used to   |                 |              | Book/        | Unrealized | Year's        | Than-          | Book/    |        |           |      | Admitted |             |            | Stated      |
|                |  | 0           | Ĭ   |      | Admini-  |             | Obtain    |                 |              | Adjusted     | Valuation  | (Amor-        | Temporary      | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP          |  | d           | \   | Bond | strative | Actual      | Fair      | Fair            | Par          | Carrying     |            | tization)     | Impairment     | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
|                | D d. C                                   |             | g   |      |          |             |           |                 |              |              | Increase/  |               |                |          |        |           |      |          |             | A          |             |
| Identification | Description                              | е           | n   | Char | Symbol   | Cost        | Value     | Value           | Value        | Value        | (Decrease) | Accretion     | Recognized     | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 16162X-AD-9    | Chase Mortgage Finance T-CHASE 2006-S3 1 |             |     | 4    | 2.C FM   |             | 46.2556   | 20,768          | 44,899       | 23,955       | 0          | (989)         |                | 0        | 6.000  | 4.859     | -    | 246      | 2,562       | 02/27/2008 | 11/25/2036  |
| 16163C-AG-7    | Chase Mortgage Finance T-CHASE 2006-A1 2 |             |     | 4    | 1.A FM   | 216, 170    | 89.9410   | 263,576         | 293,055      | 231,746      | 0          | 23,030        | 0              | 0        | 3.989  | 13.403    | MON  | 3,819    | 6,965       | 08/13/2008 | 09/01/2036  |
| 16165M-AG-3    | ChaseFlex Trust Series 2-CFKX 2006-2 A5  |             |     | 4    | 1.A FM   |             | 81.0976   | 222,235         | 274,034      | 258,363      | 0          | 298           | 9,015          | 0        | 4.450  | 5.013     | MON  | 1,595    | 10,654      | 12/29/2021 | 09/01/2036  |
| 17025A-AH-5    | CHL Mortgage Pass-Throug-CWHL 2006-17 A8 | . I         | l   | 4    | 1.A FM   | 77,336      | 49.0290   | 60.911          | 124.235      | 62.734       | 0          | (4.873)       | 10,596         | 0        | 6.000  | 5.258     | MON  | 532      | 5,940       | 01/10/2022 | 12/25/2036  |
| 17307G-ED-6    | Citigroup Mortgage Loan -CMLTI 2004-HYB2 |             |     | 4    | 1.A FM   | 142,407     | 93.3211   | 140 .482        | 150.536      |              | 0          | 4 .692        | 8.912          | 0        | 3.232  | 8 . 665   | MON  | 813      | 3.671       | 01/10/2020 | 03/01/2034  |
| 17312H-AF-6    | Citicorp Residential Mor-CRMSI 2007-2 A6 |             |     | 4    | 1.A FM   | 521         |           | 531             | 541          | 532          | n          | 6             | 0              | n        | 4.730  |           | MON  | 5        | 24          | 04/12/2011 | 06/01/2037  |
| 17315X-AF-8    | Citigroup Mortgage Loan -CMLTI 2009-9 2A |             |     | 4    | 1.A FM   |             | 94.4834   | 80,266          | 84.952       | 76.716       | 0          | 4.046         |                | 0        | 3.939  | 8.706     |      |          | 2,702       | 11/01/2016 | 11/01/2035  |
|                |  |             |     | 4    | 1.A      |             | 97.2605   |                 | 473, 128     | 440,615      |            | 10.515        |                |          | 4.500  | 7.476     |      | 3.585    | 19,459      |            |             |
| 17323M-AE-5    | Citigroup Mortgage Loan -CMLTI 2015-A B3 |             |     | 4    |          |             |           | 460 , 167       |              |              | 0          |               | 0              | 0        |        |           | -    | 18 790   |             | 03/26/2020 | 06/01/2058  |
| 19685G-AA-4    | COLT Funding LLC-COLT 2022-4 A1          |             |     | 4    | 1.A FE   | 5, 131, 088 | 95.8042   | 5,022,525       | 5,242,491    | 5,140,608    | 0          | 9,521         | 0              | 0        | 4.301  |           | MON  |          | 56,370      | 09/01/2022 | 03/01/2067  |
| 19687Y-AA-3    | COLT 2020-RPL1 Trust-COLT 2020-RPL1 A1   |             |     | 4    | 1.A FE   | 2,719,660   | 85.8547   | 2,334,958       | 2,719,663    | 2,719,624    | 0          | 9             | 0              | 0        | 1.390  |           | MON  | 3, 150   | 37,795      | 10/06/2020 | 01/01/2065  |
| 20754L-AB-5    | Connecticut Avenue Secur-CAS 2022-R01 1M |             |     | 4    | 2.A      | 5,000,000   | 94.4345   | 4,721,725       | 5,000,000    | 5,000,000    | 0          | 0             | 0              | 0        | 5.828  |           | MON  | 4,047    | 152,291     | 01/11/2022 | 12/25/2041  |
| 22541Q-FV-9    | CSFB MORTGAGE-BACKED PAS-CSFB 2003-17 1A |             |     | 4    | 3.A FM   | 78, 104     | 98.0426   | 76,067          | 77,585       | 77,318       | 0          | 40            | 0              | 0        | 5.500  | 5.592     | MON  | 356      | 4,267       | 01/07/2005 | 06/01/2033  |
| 22541S-PJ-1    | CSFB Mortgage-Backed Tru-CSFB 2004-AR6 C |             |     | 4    | 1.A FM   | 472,498     | 93.1303   | 553,508         | 594,337      | 528,709      | 0          | 22,420        | 0              | 0        | 5.589  | 8.646     | MON  | 461      | 15,621      | 11/04/2016 | 10/25/2034  |
| 225470-Q8-9    | CSMC Mortgage-Backed Tru-CSMC 2006-3 5A5 |             |     | 4    | 5.A FM   | 87,272      | 31.1063   | 56,593          | 181,935      | 71,230       | 0          | 0             | 13,487         | 0        | 6.000  | 6.000     | MON  | 910      | 7,807       | 12/29/2021 | 04/01/2036  |
| 225470-VF-7    | CSMC Mortgage-Backed Tru-CSMC 2006-1 3A1 |             |     | 4    | 1.A FM   | 259,056     | 60.4403   | 245,421         | 406,055      | 254,646      | 0          | (335)         | 4,076          | 0        | 5.750  | 6 . 820   | MON  | 1.946    | 23,258      | 12/29/2021 | 02/01/2036  |
| 22944P-AA-5    | CSMC Trust 2013-TH1-CSMC 2013-TH1 A1     |             |     | 4    | 1. A     |             | 89.1492   | 258.791         | 290,290      | 259.051      | 0          | (2.896)       |                | 0        | 2. 130 | 4. 116    | MON  | 1.032    | 5,663       | 02/25/2014 | 02/01/2043  |
| 24763L-FN-5    | Delta Funding Home Equit-DELHE 1999-2 A7 |             |     | 4    | 1.A FM   | 26          | 95.8299   | 25              | 26           | 26           | 0          | 11            | 0              | 0        | 7.030  |           | MON  | 0        | 1           | 05/27/1999 | 08/01/2030  |
| 251510-DQ-3    | Deutsche Alt-A Securitie-DBALT 2005-2 2A |             |     | 4    | 1.A FM   |             | 97.9391   | 5,969           | 6.095        | 6.095        |            | (893)         |                |          | 4.689  | 4.689     |      | 14       | 69          | 03/2//1999 | 03/25/2023  |
|                |  |             |     | 4    |          | . ,         |           |                 | ,            | ,            |            | ,             |                |          | -      |           |      |          |             |            |             |
| 31573C-AD-7    | Ellington Financial Mort-EFMT 2022-1 M1  |             |     | 4    | 2.B FE   | 5,749,903   |           | 3,557,645       | 5,750,000    | 5,749,917    | 0          | 14            |                | 0        | 3.504  |           | MON  | 16,790   | 184,690     | 01/14/2022 | 01/01/2067  |
| 32027L-AE-5    | First Franklin Mortgage -FFML 2006-FF14  |             |     | 4    | 1.A FM   |             | 96.9364   | 171,955         | 177,389      | 175,915      | 0          | 6,595         | 0              | 0        | 4.549  | 4.808     |      | 637      | 2,552       | 06/07/2016 | 10/25/2036  |
| 32051G-T7-0    | First Horizon Alternativ-FHAMS 2006-FA1  |             |     | 4    | 4.A FM   |             | 50.2746   | 128,833         | 256,259      | 144,677      | 0          | (1,846)       | 13,013         | 0        | 6.000  | 5.906     |      | 1,281    | 15, 110     | 12/29/2021 | 04/01/2036  |
| 32051G-XQ-3    | First Horizon Mortgage P-FHASI 2005-AR5  |             |     | 4    | 1.A FM   | 207,689     |           | 183,998         | 217,644      | 182,146      | 0          | 79            | 11,299         | 0        | 4.310  | 6.340     |      | 518      | 4,514       | 04/23/2019 | 11/01/2035  |
| 32051G-XV-2    | First Horizon Mortgage P-FHASI 2005-AR5  |             |     | 4    | 1.A FM   | 101,586     | 93.7151   | 96,581          | 103,058      | 96,365       | 0          | 3,275         | 0              | 0        | 4.166  | 8.011     | MON  | 358      | 3,240       | 02/06/2014 | 11/01/2035  |
| 32052D-AG-6    | First Horizon Alternativ-FHAMS 2006-FA8  |             |     | 4    | 1.A FM   | 46,813      | 44.1034   | 26,215          | 59,440       | 4,372        | 0          | (42,622)      | 0              | 0        | 6.000  | 6.000     | MON  | 553      | 3,324       | 08/13/2008 | 02/01/2037  |
| 35564K-PV-5    | Freddie Mac Structured A-STACR 2022-DNA1 | L           | l   | 4    | 1.D      | 2.250.000   | 94.7676   |                 | 2.250.000    | 2.250.000    | 0          | 0             | 0              | 0        | 5.778  | 5.777     | MON  | 1.806    | 67.347      | 01/18/2022 | 01/25/2042  |
| 3622E8-AB-1    | GSAA Home Equity Trust 2-GSAA 2006-15 AF |             |     | 4    | 1.A FM   | 440 459     | 29.5840   | 206,834         | 699, 141     | 194, 252     | 0          | (15.182)      | 0              | 0        | 5.679  | 10.918    | MON  | 4.183    | 11.719      | 09/24/2008 | 09/01/2036  |
| 362341-4A-4    | GSR Mortgage Loan Trust -GSR 2006-AR1 2A |             |     | 4    | 1.A FM   | 97,255      |           | 95,468          | 101.649      | 100.509      | n          | 3.320         | n              | n        | 3.796  | -         | MON  |          | 2,801       | 06/16/2016 | 01/01/2036  |
| 362341-SG-5    | GSR MORTGAGE LOAN TRUST-SERIES 2005-AR6  | l           |     | 4    | 1.A FM   |             |           | 1.410.227       | 1.498.555    | 1.360.235    |            | 21.091        |                | ^        | 3.790  | 7.086     |      | 4.854    |             | 12/03/2020 | 09/01/2035  |
| 36242D-FS-7    | GSR Mortgage Loan Trust -GSR 2004-11 2A1 |             |     | 4    | 1.A FM   | 1,358,060   |           | 1,410,227       | 1,498,555    | 1,360,235    |            | 21,091        |                |          | 3.887  | 5.472     |      | 463      | 46,894      | 01/27/2017 | 09/01/2035  |
|                |  |             |     | 4    |          |             |           |                 |              | ,            |            |               | 0              | 0        |        |           |      |          |             |            |             |
| 36242D-PG-2    | GSR Mortgage Loan Trust -GSR 2004-14 3A2 |             |     | 4    | 1.A FM   | 167,203     |           | 159, 161        | 169,985      | 168,353      | 0          | 1,064         | 0              | 0        | 4.041  | 5.340     |      |          | 3,272       | 05/04/2007 | 12/01/2034  |
| 36242D-VA-8    | GSR Mortgage Loan Trust -GSR 2005-1F 1A6 |             |     | 4    | 1.G FM   | 256,075     |           | 235, 117        | 260 , 105    | 252,463      | 0          | 138           | 0              | 0        | 5.500  | 5.791     |      | 1, 192   | 9,319       | 01/10/2022 | 02/01/2035  |
| 39678W-AA-6    | Greenwich Capital Struct-GCSP 2005-1 A1  |             |     | 4    | 1.A FM   |             | 96 . 1408 | 69,907          | 72,713       | 73,887       | 0          | 81            | 0              | 0        | 4.588  | 4.373     |      | 556      | 3,089       | 01/28/2005 | 09/01/2034  |
| 43741B-AA-7    | HomeBanc Mortgage Trust -HMBT 2007-1 11A |             |     | 4    | 1.A FM   |             | 86.8113   | 148,345         | 170,882      | 161,557      | 0          | 4,578         | 0              | 0        | 3.341  | 8.020     |      | 476      | 5,008       | 12/29/2021 | 04/01/2047  |
| 45254N-MZ-7    | Impac CMB Trust Series 2-IMM 2005-2 1A2  |             |     | 4    | 1.A FM   | 131,789     | 97 . 1964 | 152,493         | 156,892      | 146,992      | 0          | 4, 162        | 0              | 0        | 5.009  | 7.124     | MON  | 719      | 2,962       | 02/11/2008 | 04/25/2035  |
| 45254N-NT-0    | Impac CMB Trust Series 2-IMM 2005-3 M1   |             |     | 4    | 5.A FM   | 14,641      | 53.2600   | 16,093          | 30,216       | 23,284       | 0          | 1,804         | 0              | 0        | 5.019  | 14. 185   | MON  | 136      | (492)       | 05/20/2008 | 08/25/2035  |
| 466247-RP-0    | JP Morgan Mortgage Trust-JPMMT 2005-A4 2 | l           |     | 4    | 1.A FM   | 41,237      |           | 43,901          | 46,464       | 44,266       | 0          | 1,875         | 0              | 0        | 3.463  | 7.764     | MON  |          | 1,484       | 06/05/2012 | 07/01/2035  |
| 466247-ZP-1    | JP Morgan Mortgage Trust-JPMMT 2005-S3 1 | l :         | l   | 4    | 4.A FM   |             | 57.7799   | 60,621          | 104,917      | 62.853       | 0          |               | 2,720          | n        | 5.750  | 5.032     | -    | 1.018    | 4,450       | 01/10/2022 | 01/01/2036  |
| 46627M-AD-9    | JP Morgan Alternative Lo-JPALT 2005-S1 1 | 1           |     | 4    | 1.A FM   |             |           | 92.542          | 246.227      | 104.743      | n          | (3,931)       | 5.623          | n        | 6.000  |           | MON  | 3 108    | 12,575      | 02/07/2008 | 12/01/2035  |
| 46627M-CY-1    | JP Morgan Alternative Lo-JPALT 2005-S1 1 |             |     | 4    | 1.A FM   |             | 80.9575   |                 | 946,346      | 739,716      |            | (5,951)       |                | ^        | 2.777  | 8.625     |      | 2.190    |             | 04/06/2017 | 03/01/2036  |
| 46627M-EC-7    | •  | ··· ···     |     | 4    | 1.A FM   |             |           | 243.913         |              | 254.674      |            | 451           | 0              |          | 5.750  | 7.433     | -    | 2, 190   |             | 04/06/2017 | 03/01/2036  |
|                | JP Morgan Alternative Lo-JPALT 2006-S1 1 |             |     | 4    |          |             |           |                 |              |              | 0          |               |                | 0        |        |           |      |          |             |            |             |
| 46627M-EJ-2    | JP Morgan Alternative Lo-JPALT 2006-S1 1 | · · · · · · |     | 4    | 4.B FM   |             | 57.4378   | 245,603         | 427,597      | 292,736      | 0          | (3,262)       | 24,584         | 0        | 6.000  | 3.813     |      | 2, 138   | 25,656      | 12/29/2021 | 03/01/2036  |
| 46628L-AB-4    | JP Morgan Mortgage Trust-JPMMT 2006-A4 1 |             |     | 4    | 1.A FM   | 66,893      |           | 63,411          | 83,870       | 39,479       | 0          | 9, 181        | 0              | 0        | 3.503  | 27.474    |      | 487      | 2,452       | 10/15/2008 | 06/01/2036  |
| 46628V-AH-9    | JP Morgan Alternative Lo-JPALT 2006-S3 A |             |     | 4    | 1.A FM   | 2,622,947   | 79.7465   | 3,130,100       | 3,925,064    | 2,710,508    | 0          | (8,957)       | 0              | 0        | 6.920  | 9 . 489   |      | 22,635   | 177,714     | 08/09/2012 | 08/01/2036  |
| 46630P-AP-0    | JP Morgan Mortgage Trust-JPMMT 2007-A2 3 |             |     | 4    | 1.A FM   | 4,461       | 79.9706   | 3,725           | 4,658        | 3,478        | 0          | 276           | 0              | 0        | 3.230  | 11.111    | MON  | 13       | 132         | 06/23/2008 | 04/01/2037  |
| 46630W-AB-6    | JP Morgan Mortgage Trust-JPMMT 2007-S2 1 |             |     | 4    | 5.A FM   | 210,720     | 50.9664   | 176,211         | 345,739      | 190,300      | 0          | (12,691)      |                | 0        | 5.500  | 3.004     | MON  | 1,585    | 18,466      | 12/29/2021 | 06/01/2037  |

## **SCHEDULE D - PART 1**

|                            |   |         |     |      |          |             |          | Chowing / w Eor | 19 101111 00110 | S Owned Dece |             | Carront 10    | ·ui           |          |        |           |      |          |             |            |             |
|----------------------------|---|---------|-----|------|----------|-------------|----------|-----------------|-----------------|--------------|-------------|---------------|---------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2   |         | Cod | les  | 6        | 7           |          | Fair Value      | 10              | 11           | Change      | e in Book/Adj | usted Carryin | g Value  |        |           | l.   | nterest  |             | Da         | tes         |
|                            |   | 3       | 4   | 5    | 1        |             | 8        | 9               |                 |              | 12          | 13            | 14            | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |   |         |     |      | NAIC     |             |          |                 |                 |              |             |               |               |          |        |           |      |          |             |            |             |
|                            |   |         |     |      | Desig-   |             |          |                 |                 |              |             |               |               |          |        |           |      |          |             |            |             |
|                            |   |         |     |      | nation,  |             |          |                 |                 |              |             |               |               |          |        |           |      |          |             |            |             |
|                            |   |         |     |      | NAIC     |             |          |                 |                 |              |             |               |               | Total    |        |           |      |          |             |            |             |
|                            |   |         |     |      | Desig-   |             |          |                 |                 |              |             |               |               | Foreign  |        |           |      |          |             |            |             |
|                            |   |         | F   |      | nation   |             |          |                 |                 |              |             |               | Current       | Exchange |        |           |      |          |             |            |             |
|                            |   |         | 0   |      | Modifier |             |          |                 |                 |              |             |               | Year's        | Change   |        |           |      |          |             |            |             |
|                            |   |         | r   |      | and      |             | Rate     |                 |                 |              |             | Current       | Other-        | in       |        |           |      |          |             |            |             |
|                            |   | С       | e   |      | SVO      |             | Used to  |                 |                 | Book/        | Unrealized  | Year's        | Than-         | Book/    |        |           |      | Admitted |             |            | Stated      |
|                            |   | 0       | i   |      | Admini-  |             | Obtain   |                 |                 | Adjusted     | Valuation   | (Amor-        | Temporary     | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |   | d       | g   | Bond | strative | Actual      | Fair     | Fair            | Par             | Carrying     | Increase/   | tization)     | Impairment    | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification             | Description   | e       | n   | Char | Symbol   | Cost        | Value    | Value           | Value           | Value        | (Decrease)  | Accretion     | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 46630W-AL-4                | JP Morgan Mortgage Trust-JPMMT 2007-S2 1  |         | -"- | 4    | 5.A FM   |             | 55. 1014 | 122,400         | 222, 137        | 129,396      | (Decircuse) | (6,817)       |               | Value    | 6.000  | 3. 150    |      | 1.111    | 11,825      | 01/10/2022 | 06/01/2037  |
| 46631N-AA-7                | JP Morgan Mortgage Trust-JPMMT 2007-S2 1  |         |     | 4    | 5.A FM   | 142,765     | 53.5773  | 127,954         | 238,821         | 150,935      |             | (4,501)       | 6,312         |          | 5.500  | 5. 125    | -    | 1,095    | 11,825      | 12/29/2021 | 08/01/2037  |
| 46631N-DT-3                | JP Morgan Mortgage Trust-JPMMT 2007-S3 1  |         |     | 4    | 1.A FM   |             | 58.4089  | 383.735         | 656.980         |              |             | (4,501)       |               |          | 7.000  | 9.051     | -    | 7.683    |             | 12/29/2021 | 08/01/2037  |
| 46632T-AA-3                | JP Morgan Mortgage Trust-JPMMT 2007-53 1  |         |     | 4    | 1.A FM   |             |          | 417.836         | 442, 111        | 403.988      |             | (5,449)       | 0             |          | 3.196  | 8.720     |      | 2.358    |             | 12/29/2021 | 07/01/2037  |
| 46634D-AX-6                | JP Morgan Resecuritizati-JPMRR 2010-1 3A  |         |     | 4    | 1.A FM   |             | 76.0242  | 739.855         | 973, 183        | 564.440      |             | 15.913        |               |          | 6.000  | 13.747    | -    | 4.866    |             | 02/17/2009 | 04/01/2037  |
| 46635B-AD-3                | JP Morgan Resecuritizati-JPMRR 2010-1 3A  |         |     | 4    | 1.A FM   |             | 92.6498  | 601.827         |                 | 534,440      |             | 1,441         |               |          | 5.159  | 10.285    |      | 4,866    |             | 02/17/2010 | 03/01/2039  |
| 46651G-AC-3                | JP Morgan Hesecuritizati-JPMHH 2010-7 IA JP Morgan Mortgage Trust-JPMHT 2019-7 A3 |         |     | 4    | 1.A FM   |             |          | 80,595          |                 | 534, 140     |             |               |               |          | 3.500  |           | MON  |          | 33,754      | 09/15/2010 | 03/01/2039  |
| 472320-AA-8                | Jefferies Resecuritizati-JMAC 2008-R1 A   |         |     | 4    | 1.A FM   |             | 87.5350  | 845,032         | 965,365         | 897,213      |             | (18,783)      |               |          | 7.423  | 10.242    |      | 7.384    |             | 07/24/2008 | 06/25/2047  |
| 472321-AD-0                | Jefferies Resecuritizati-JMAC 2008-R1 A   |         |     | 4    | 1.A FM   |             |          |                 |                 | 27 ,213      |             | (18,783)      |               |          | 3.812  |           | MON  | 241      | 1.006       | 08/26/2008 | 01/01/2037  |
| 472321-AD-0                | Jefferies Resecuritizati-JMAC 2008-R2 2A  |         |     | 4    | 1.A FM   |             |          | 69,272          | 105,894         | 14,899       |             | 1,813         |               |          | 3.812  |           | MON  |          | 2,787       | 08/26/2008 | 01/01/2037  |
| 472321-AH-1                | Jefferies Resecuritizati-JMAC 2008-R2 3A  |         |     | 4    | 1.A FM   |             |          | 22,272          |                 | 22.569       |             | 1,615         |               |          | 2.839  |           | MON  |          | 578         | 08/26/2008 | 01/01/2039  |
| 472321-AG-7                | Jefferies Resecuritizati-JMAC 2008-R2 3A  |         |     | 4    | 1.A FM   |             | 85.2684  | 407.788         | 478,241         | 268.655      |             | 49.130        |               |          | 2.839  | 22.316    |      | 2.263    |             | 08/26/2008 | 01/01/2039  |
| 47233D-AB-7                | Jefferies Resecuritizati-JMAC 2009-R11 1  |         |     | 4    | 1.A FM   |             | 84.8664  | 351.685         | 414.399         | 264,502      |             | (36.760)      |               |          | 6.000  | 18.528    |      | 2 072    | (39,404)    | 08/10/2009 | 09/01/2036  |
| 525221-GM-3                | LEHMAN XS TRUST-SERIES 2005-9N CLASS 1A1  |         |     | 4    | 1.A FM   |             |          |                 | 1,258,924       | 1.146.670    | 0           | 41.021        | 0             |          | 4.659  | 5.969     |      | 4.411    |             | 08/03/2016 | 02/25/2036  |
| 525241-AL-9                | Lehman XS Trust 2007-1-LXS 2007-1 WF1   |         |     | 4    | 1.A FM   | 128,011     | 89.1701  | 176,731         | 198, 195        | 134,318      | 0           | 3,224         | 0             | 0        | 4.491  |           | MON  | 1,420    | 5,755       | 08/11/2008 | 01/01/2037  |
| 57643M-LZ-5                | MASTR Asset Securitizati-MASTR 2006-1 1A  |         |     | 4    | 1.G FM   | 54,031      |          |                 | 55, 195         | 40.971       | 0           | (688)         |               | 0        | 5.750  | 5.335     |      | 287      | 3,138       | 04/07/2006 | 05/01/2036  |
| 57645T-AA-5                | MASTR Adjustable Rate Mo-MARM 2007-HF2 A  |         |     | 4    | 1.A FM   | 245,955     |          | 261.669         | 271,961         | 269.789      | 0           | 4.944         | 0             | 0        | 5.009  |           | MON  | 584      | 3,308       | 01/16/2014 | 09/25/2037  |
| 585495-AA-2                | Mello Mortgage Capital A-MELLO 2021-MTG1  |         |     | 4    | 1.A      | 4. 161. 143 |          | 3.314.314       | 4.110.617       | 4.160.990    | 0           | 234           | 0             | 0        | 2.500  | 2.357     | MON  |          | 94.202      | 03/17/2021 | 04/01/2051  |
| 589929-PK-8                | Merrill Lynch Mor Inv Go-GNABS 1998-GN1   |         |     | 4    | 1.A FM   | 9,778       |          |                 | 9,779           | 9.779        | 0           | 0             | 0             | 0        | 7.630  |           | MON  | 187      | 218         | 03/05/1998 | 02/01/2027  |
| 59020U-W4-3                | MERRILL LYNCH MORTGAGE I-SERIES 2005-A9C  |         |     | 4    | 1.A FM   |             | 37.9097  | 142,478         | 375,836         | 118,651      | 0           | (11,429)      | 108 , 153     | 0        | 3.856  | 14.591    | MON  | 2,075    | 5,803       | 07/19/2013 | 12/01/2035  |
| 61751D-AE-4                | Morgan Stanley Mortgage -MSM 2006-17XS A  |         |     | 4    | 1.A FM   | 534,965     | 38.9341  | 307,429         | 789,616         | 252,783      | 0           | (9,580)       | 21,043        | 0        | 6. 151 | 9.593     | MON  | 4,957    | 9,307       | 01/11/2013 | 10/01/2046  |
| 61751M-AU-8                | Morgan Stanley Mortgage -MSM 2007-10XS A  |         |     | 4    | 1.A FM   | 443,011     | 87.4255  | 425, 172        | 486,325         | 442,297      | 0           | 8,021         | 0             | 0        | 6.000  | 6.983     | MON  | 3,083    | 6,584       | 01/08/2014 | 02/01/2037  |
| 61754P-AA-2                | Morgan Stanley Mortgage -MSM 2007-8XS A1  |         |     | 4    | 1.A FM   | 581,481     | 53.8755  | 491,413         | 912, 128        | 561,292      | 0           | (20, 190)     | 0             | 0        | 5.750  | 5.785     | MON  | 6, 147   | 12,767      | 01/10/2022 | 04/01/2037  |
| 61758V-AQ-0                | Morgan Stanley Re-REMIC -MSRR 2010-R2 3B  |         |     | 4    | 4.B FM   | 481,611     | 60.6820  | 705,092         | 1,161,945       | 765,804      | 0           | 15,697        | 0             | 0        | 6.500  | 5.259     | MON  | 12,588   | 75, 127     | 02/09/2010 | 10/01/2037  |
| 61915R-AB-2                | MortgageIT Trust 2005-2-MHL 2005-2 1A2  |         |     | 4    | 1.A FM   |             | 98.5019  | 35,059          | 35,592          | 30,005       | 0           | 5,230         | 0             | 0        | 5.049  | 19.842    |      | 175      | 676         | 08/26/2008 | 05/25/2035  |
| 62942K-AA-4                | NRP Mortgage Trust 2013NRPMT 2013-1 A1  |         |     | 4    | 1.A      | 781,349     | 90.5152  | 740,565         | 818, 167        | 788,200      | 0           | 186           | 0             | 0        | 3.250  | 3.864     | MON  | 4,438    | 24,375      | 03/11/2014 | 07/01/2043  |
| 643528-AB-8                | New Century Alternative -NCAMT 2006-ALT1  |         |     | 4    | 1.A FM   | 54,671      | 24.5790  | 14,567          | 59,264          | 14,561       | 0           | 39            | 2, 117        | 0        | 1.312  | 6.986     | MON  | 126      | 727         | 12/19/2007 | 07/01/2036  |
| 643529-AC-4                | New Century Alternative -NCAMT 2006-ALT2  |         |     | 4    | 1.A FM   |             | 23.7250  | 72,993          | 307,664         | 61,277       | 0           | (3,651)       | 5, 172        | 0        | 4.640  | 11.469    |      | 1,190    | 4,371       | 01/11/2013 | 10/01/2036  |
| 643529-AD-2                | New Century Alternative -NCAMT 2006-ALT2  |         |     | 4    | 1.A FM   |             | 23.7250  | 36,497          | 153,832         | 31,740       | 0           | (3,327)       | 0             | 0        | 4.640  | 10.066    |      | 595      | 2, 186      | 01/11/2013 | 10/01/2036  |
| 65535V-SJ-8                | Nomura Asset Acceptance -NAA 2006-AP2 A2  |         |     | 4    | 1.A FM   | 273,867     |          | 223,746         | 664,773         | 251,936      | 0           | (2,341)       | 19,591        | 0        | 5.515  | 7.124     | -    | 4,273    | 13,873      | 12/29/2021 | 01/01/2036  |
| 65538P-AA-6                | Nomura Asset Acceptance -NAA 2007-1 1A1A  |         |     | 4    | 1.A FM   | 169,991     | 89.5434  | 153, 101        | 170,979         | 86,982       | 0           | (3,858)       | 0             | 0        | 5.995  |           | MON  | 2,220    | 2,329       | 05/08/2007 | 03/01/2047  |
| 65539C-AK-2                | Nomura Resecuritization -NMRR 2011-4RA 1  |         |     | 4    | 1.A FM   |             | 91.9844  | 340,850         | 370,552         | 317,020      | 0           | 9,341         | 0             | 0        | 2.768  | 6.768     | -    | 1,991    | 10,850      | 06/06/2016 | 12/01/2036  |
| 67098A-AM-1                | OBX 2019-INV1 Trust-OBX 2019-INV1 A12   |         |     | 4    | 1.A      | 468,744     |          | 484, 150        | 512,288         | 475,785      | 0           | (1,317)       | 0             | 0        | 4.000  | 8.227     |      | 3,456    | 18,768      | 03/24/2020 | 11/01/2048  |
| 67448D-AC-4                | OBX 2022-NQM2 Trust-OBX 2022-NQM2 A3  |         |     | 4    | 1.F FE   | 9,515,790   |          | 6,871,536       | 9,557,000       | 9,521,170    | 0           | 5,380         | 0             | 0        | 3.825  |           | MON  | 30,463   | 304,629     | 02/18/2022 | 01/01/2062  |
| 67448Q-AC-5                | OBX 2019-EXP1 Trust-OBX 2019-EXP1 1A3   |         |     | 4    | 1.A      | 74,480      |          | 72,560          | 74,854          | 74,346       | 0           | (154)         |               | 0        | 4.000  | 4.310     |      | 502      | 2,745       | 03/27/2020 | 01/01/2059  |
| 693456-AA-3                | PMT Loan Trust 2013-J1-PMTLT 2013-J1 A1   |         |     | 4    | 1.A      |             | 91.5756  | 408,294         | 445,854         | 434,764      | 0           | (227)         |               | 0        | 3.500  | 3.956     | -    | 2,605    | 14,305      | 02/12/2014 | 09/01/2043  |
| 69354W-AC-0                | PNMAC GMSR ISSUER TRUST -PNMSR 2018-GT1   |         |     | 4    | 2.B FE   | 2,000,000   |          |                 | 2,000,000       | 2,000,000    | 0           | (175)         | 0             | 0        | 7.239  | 3.759     |      | 14,217   | 79,013      | 02/21/2018 | 02/25/2023  |
| 693684-AA-0                | PSMC 2020-1 Trust-PSMC 2020-1 A1  | ··· ··· |     | 4    | 1.A      |             |          | 177,942         | 182,150         | 187,624      | 0           | 1,611         | 0             | 0        | 3.500  | 2.945     |      | 1,083    | 5,844       | 01/24/2020 | 01/01/2050  |
| 69374X-AA-8<br>69375B-AA-5 | PSMC 2019-2 Trust-PSMC 2019-2 A1  | ··· ··· |     | 4    | 1.A      | 41,425      | 98.6878  | 40,080          | 40,613          | 42,013       | 0           | 431           | 0             | 0        | 3.500  | 0.225     |      | 240      | 1,301       | 10/08/2019 | 10/01/2049  |
| 74387Y-AD-5                | Provident Funding Mortga-PFMT 2021-1 A2A  |         |     | 4    | 1.A      |             |          |                 |                 |              | 0           |               | 0             | 0        | 2.000  | 2.665     |      |          | 3,748       | 04/09/2021 | 04/01/2049  |
| 74923H-AQ-4                | RALI Series 2007-0S4 Tru-RALI 2007 0A 3A  | ··· ··· |     | 4    | 1.A      |             | 82.4399  | 6,866,936       | 8,728,401       |              |             | (251)         |               |          | 6.000  | 4.829     | -    | 29, 144  |             | 12/29/2021 | 03/01/2037  |
| 74923H-AQ-4<br>74927T-AC-5 | RBSSP Resecuritization T-RBSSP 2010-9 3A  |         |     | 4    | 4.B FM   |             | 85.2291  | 97,256          | 1,013,707       | 879.148      |             | (32,344)      |               |          | 4.188  | 6.622     |      | 3.903    |             | 08/20/2013 | 10/26/2034  |
| 74928D-AV-7                | RBSSP Resecuritization T-RBSSP 2009-1 7A  |         |     | 4    | 1.A FM   |             | 93.0150  | 546,046         | 587,051         | 363.986      | n           | (32,344)      |               | ۰        | 3. 131 | 27.518    | -    | 3,903    |             | 07/08/2010 | 06/01/2037  |
| 74928F-AY-6                | RBSSP Resecuritization T-RBSSP 2009-3 6A  |         | l   | 4    | 1.A FM   |             | 44.8823  | 395.941         |                 |              | n           | 19.631        | n             | n        | 3. 161 | 58.690    |      | 4.507    |             | 07/08/2010 | 03/01/2036  |

## **SCHEDULE D - PART 1**

| Showing All Long-Term BONDS Owned December 31 of Current Year |  |         |   |      |          |             |            |            |           |           |  |           |            |          |       |           |      |          |             |            |             |  |
|---|--|---------|---|------|----------|-------------|------------|------------|-----------|-----------|--|-----------|------------|----------|-------|-----------|------|----------|-------------|------------|-------------|--|
| 1   | 2  | Codes 6 |   |      |          | 7           |            | Fair Value | 10        | 11        | Change in Book/Adjusted Carrying Value |           |            |          |       | Interest  |      |          |             |            | Dates       |  |
| •   | _  | 3       | 4 | 5    | 1        | -           | 8          | 9          |           |           | 12                                     | 13        | 14         | 15       | 16    | 17        | 18   | 19       | 20          | 21         | 22          |  |
|   |  | _       |   |      | NAIC     |             |            |            |           |           |  |           |            |          |       |           |      |          |             |            |             |  |
|   |  |         |   |      | Desig-   |             |            |            |           |           |  |           |            |          |       |           |      |          |             |            |             |  |
|   |  |         |   |      | nation,  |             |            |            |           |           |  |           |            |          |       |           |      |          |             |            |             |  |
|   |  |         |   |      | NAIC     |             |            |            |           |           |  |           |            | Total    |       |           |      |          |             |            |             |  |
|   |  |         |   |      |          |             |            |            |           |           |  |           |            |          |       |           |      |          |             |            |             |  |
|   |  |         | _ |      | Desig-   |             |            |            |           |           |  |           | 0          | Foreign  |       |           |      |          |             |            |             |  |
|   |  |         | F |      | nation   |             |            |            |           |           |  |           | Current    | Exchange |       |           |      |          |             |            |             |  |
|   |  |         | 0 |      | Modifier |             |            |            |           |           |  |           | Year's     | Change   |       |           |      |          |             |            |             |  |
|   |  | _       | r |      | and      |             | Rate       |            |           |           |  | Current   | Other-     | in       |       |           |      |          |             |            |             |  |
|   |  | С       | е |      | SVO      |             | Used to    |            |           | Book/     | Unrealized                             | Year's    | Than-      | Book/    |       |           |      | Admitted |             |            | Stated      |  |
|   |  | 0       | i |      | Admini-  |             | Obtain     |            |           | Adjusted  | Valuation                              | (Amor-    | Temporary  | Adjusted |       | Effective |      | Amount   | Amount      |            | Contractual |  |
| CUSIP   |  | d       | g | Bond | strative | Actual      | Fair       | Fair       | Par       | Carrying  | Increase/                              | tization) | Impairment | Carrying | Rate  | Rate      | When | Due and  | Received    |            | Maturity    |  |
| Identification  | Description                              | е       | n | Char | Symbol   | Cost        | Value      | Value      | Value     | Value     | (Decrease)                             | Accretion | Recognized | Value    | of    | of        | Paid | Accrued  | During Year | Acquired   | Date        |  |
| 74928U-AM-9   | RBSSP Resecuritization T-RBSSP 2009-12 5 |         |   | 4    | 1.A FM   | 259,814     | 95.7232    | 351,179    | 366,869   | 319,910   | 0                                      | 16,603    | 0          | 0        | 3.560 | 9.283     | MON  | 2, 180   | 10,671      | 03/21/2013 | 08/01/2036  |  |
| 749357-AA-7   | RCKT Mortgage Trust 2019-RCKT 2019-1 A1  |         |   | 4    | 1.A      | 237,999     | 88.6636    | 207,804    | 234,374   | 240,129   | 0                                      | 1,078     | 0          | 0        | 3.500 | 3. 149    | MON  | 1,369    | 7,519       | 10/11/2019 | 09/01/2049  |  |
| 749389-AA-0   | RCKT Mortgage Trust 2020-RCKT 2020-1 A1  |         |   | 4    | 1.A      | 525,810     | 88.2145    | 485,697    | 550,586   | 505,216   | 0                                      | (9, 174)  | 0          | 0        | 3.000 | 4. 170    | MON  | 2,771    | 15, 141     | 03/27/2020 | 02/01/2050  |  |
| 74968R-AA-3   | RMF Proprietary Issuance-RPIT 2019-1 A   |         |   | 4    | 1.A FE   | 1,525,200   | 91.8200    |            | 1,537,098 | 1,528,169 | 0                                      | 816       | 0          | 0        | 2.750 | 2.820     | MON  | 4,306    | 38,748      | 10/09/2019 | 10/25/2063  |  |
| 74969M-AA-3   | RMF Proprietary Issuance-RPIT 2020-1 A   |         |   | 4    | 1.A FE   |             | 96.4567    | 748,849    | 776,358   | 776,358   | 0                                      | 0         | 0          | 0        | 3.250 | 3.250     | MON  | 2,596    | 23, 129     | 04/24/2020 | 04/26/2060  |  |
| 75115D-AA-3   | RALI Series 2006-QS13 Tr-RALI 2006-QS13  |         | l | 4    | 1.A FM   |             | 73.0884    | 236,281    | 323,281   | 250,517   | 0                                      | 6,570     | 1,801      | 0        | 4.729 | 6.912     | MON  | 1,445    | 5, 189      | 12/29/2021 | 09/25/2036  |  |
| 75116F-BH-1   | RALI Series 2007-QS9 Tru-RALI 2007-QS9 A | L       | l | 4    | 5.A FM   |             | 81.9599    | 786, 161   | 959,202   | 913, 182  | 0                                      | (10,849)  |            | 0        | 6.500 |           | MON  | 5,196    | 62,169      | 12/29/2021 | 07/01/2037  |  |
| 759950-EM-6   | Renaissance Home Equity -RAMC 2004-4 AF5 | L       | l | 4    | 1.A FM   | 1,208,449   |            | 1,057,884  | 1,338,538 | 1,211,749 | 0                                      | (23,787)  |            |          | 5.993 | 5.090     |      |          |             | 08/24/2010 | 02/01/2035  |  |
|   | RALI Series 2005-QS15 Tr-RALI 2005-QS15  |         |   | 4    | 1.A FM   |             | 81.7186    | 128.244    | 156.934   |           | 0                                      | 744       | 0          | 0        | 6.000 |           | MON  |          | 9.413       | 02/08/2008 | 10/01/2035  |  |
|   | RALI Series 2006-QS1 Tru-RALI 2006-QS1 A |         |   | 4    | 4.C FM   |             | 81.6553    | 194,526    | 238,229   | 220,904   | 0                                      | (1,133)   | 3,676      | 0        | 5.750 | 5.453     |      | 1.142    |             | 12/29/2021 | 01/01/2036  |  |
|   | RALI Series 2006-QS2 Tru-RALI 2006 QS2 1 |         |   | 4    | 4.C FM   |             | 81.7755    | 113,457    | 138.742   | 135.664   | 0                                      | (596)     | 517        | 0        | 5.500 |           | MON  | 652      | 7,613       | 12/29/2021 | 02/01/2036  |  |
|   | RALI Series 2006-QS2 Tru-RALI 2006-QS2 1 |         |   | 4    | 1.A FM   |             | 81.7755    | 78,734     | 96,281    | 81.213    | 0                                      | 96        | 0          | 0        | 5.500 | 7.729     |      | 416      | 5,276       | 02/13/2006 | 02/01/2036  |  |
|   | GMACM Mortgage Loan Trus-GMACM 2005-AA1  |         |   | 4    | 1.A FM   | 919.008     |            | 925.763    | 992.315   | 890.023   |  | 25.888    | 71.750     |          | 3.793 | 8 439     |      | 3 137    | 27.747      | 07/05/2016 | 05/01/2035  |  |
|   | RMF Buyout Issuance Trus-RBIT 2020-HB1 A |         |   | 4    | 1.A FE   | 2,729,982   |            | 2,485,428  | 2,729,985 | 2,739,456 |  | (1.136)   |            |          | 1.719 | 1.671     |      |          |             | 10/14/2020 | 10/25/2050  |  |
| 81743A-AA-7   | SEQUOLA MORTGAGE TRUST 2-SEMT 2019-5 A1  |         |   | 4    | 1.A      |             |            | 681,781    | 795,669   | 811,212   |  | (1,130)   |            |          | 3.500 |           | MON  | 4 719    |             | 11/14/2019 | 12/01/2049  |  |
| 81745M-AA-9   | Sequoia Mortgage Trust 2-SEMT 2013-2 A   |         |   | 4    | 1.A      | 340,318     |            | 342,324    | 379,889   | 341.891   |  | (5.556)   |            |          | 1.874 | 3.233     |      | 1.189    | 6,526       | 07/11/2014 | 02/01/2043  |  |
|   |  |         |   | 4    | 1 A      | 313,606     |            | 272.016    | 307.174   | 317.759   |  | (3,336)   |            |          | 3.500 |           | MON  | 1 795    | 9,855       |            | I I         |  |
| 81748J-AA-3   | Sequoia Mortgage Trust 2-SEMT 2019-4 A1  |         |   | 4    | 1.A      |             | 90.1989    |            |           |           |  | 1,000     |            |          | 3.500 | 2.958     |      | 1,795    |             | 10/08/2019 | 11/01/2049  |  |
| 81748K-AA-0   | Sequoia Mortgage Trust 2-SEMT 2020-2 A1  |         |   | 4    |          | ,           |            | ,          |           |           |  |           |            |          |       |           |      |          | 15,255      |            |             |  |
| 83611M-JX-7   | Soundview Home Loan Trus-SVHE 2005-0PT4  |         |   | 4    | 1.A FM   | 230,200     |            | 292, 168   | 300,915   | 299,875   | 0                                      | 6, 120    | 0          | 0        | 5.089 | 6.016     |      | 1,000    | 5,340       | 10/09/2013 | 12/25/2035  |  |
| 863579-VW-5   | Structured Adjustable Ra-SARM 2005-17 5A |         |   | 4    | 1.A FM   | 178,686     |            | 169,015    | 255,706   | 158,966   | 0                                      | 8,865     | 0          | 0        | 4.689 | 9.442     |      | 1,006    | 3,833       | 08/27/2008 | 08/25/2035  |  |
| 863579-XC-7   | Structured Adjustable Ra-SARM 2005 - 18  |         |   | 4    | 1.A FM   |             | 71.0299    | 296,901    | 417,994   | 285,210   | 0                                      | 6,424     | 32,422     | 0        | 3.748 | 8.682     |      | 2,735    | 10,907      | 12/29/2021 | 09/01/2035  |  |
| 86360B-AJ-7   | Structured Adjustable Ra-SARM 2006-4 5A1 |         |   | 4    | 1.A FM   | 214,823     |            | 210, 155   | 262,364   | 197,751   | 0                                      | 2,541     | 12,930     | 0        | 3.930 | 7.525     |      | 1,720    | 7,634       | 09/27/2012 | 05/01/2036  |  |
| 86363B-AA-3   | Structured Asset Securit-SASC 2007-RM1 A |         |   | 4    | 1.E FE   | 981,009     |            | 1,028,491  | 1,038,105 | 990,723   | 0                                      | 6,549     | 0          | 0        | 4.669 |           | MON  | 673      | 20,552      | 07/10/2020 | 05/25/2047  |  |
| 86363G-AF-1   | Structured Adjustable Ra-SARM 2007-3 3A1 |         |   | 4    | 1.A FM   |             | 50.7069    | 178,461    | 351,947   | 175,736   | 0                                      | 1,821     | 34,069     | 0        | 3.490 | 8.806     |      | 2,047    | 10,695      | 12/29/2021 | 04/01/2047  |  |
| 87222E-AB-4   | TBW Mortgage-Backed Trus-TBW 2007-1 A2   |         |   | 4    | 1.A FM   | 471,681     |            | 408,834    | 1,597,580 | 419,436   | 0                                      | 22,915    | 75, 160    | 0        | 4.689 | 8 . 154   |      | 2,596    | 8,087       | 01/10/2022 | 03/25/2037  |  |
| 87222E-AC-2   | TBW Mortgage-Backed Trus-TBW 2007-1 A3   |         |   | 4    | 1.A FM   | 543,217     |            | 407,716    | 1,498,000 | 480,439   | 0                                      | (6,954)   | 55,823     | 0        | 6.380 | 0.000     | MON  | 9,424    | 12,930      | 01/10/2022 | 03/01/2037  |  |
| 872635-AC-1   | TRK 2022-INV1 Trust-TRK 2022-INV1 A3     |         |   | 4    | 1.G FE   | 4,999,820   | 72.8668    | 3,643,339  | 5,000,000 | 4,999,847 | 0                                      | 27        | 0          | 0        | 3.699 |           | MON  | 15,413   | 169,538     | 02/02/2022 | 02/01/2057  |  |
| 88156E-AB-2   | Terwin Mortgage Trust 20-TMTS 2006-17HE  |         |   | 4    | 1.A FM   |             | . 105.2954 | 151,500    | 143,881   | 154,683   | 0                                      | 2,033     | 0          | 0        | 4.789 | 1.936     |      | 649      | 5,568       | 03/04/2016 | 01/25/2038  |  |
| 88157V-AB-3   | Terwin Mortgage Trust 20-TMTS 2007-6ALT  |         |   | 4    | 1.A FM   | 294,835     |            | 407,396    | 566,990   | 373,400   | 0                                      | 28 , 177  | 0          | 0        | 4.989 |           | MON  | 928      | 5,269       | 04/30/2010 | 08/25/2038  |  |
| 89175V-AC-7   | Towd Point Mortgage Trus-TPMT 2018-2 M1  |         |   | 4    | 1.A      |             |            | 1,796,780  | 2,000,000 | 1,929,372 | 0                                      | 13,858    | 0          | 0        | 3.416 |           | MON  | 11,388   | 60,436      | 10/05/2018 | 03/01/2058  |  |
| 89176E-AC-4   | Towd Point Mortgage Trus-TPMT 2018-1 M1  |         |   | 4    | 1.A      | 941,094     |            | 917,598    | 1,000,000 | 966,266   | 0                                      | 6,053     | 0          | 0        | 3.500 |           | MON  | 2,917    | 35,000      | 01/17/2019 | 01/01/2058  |  |
| 92539J-AA-3   | Verus Securitization Tru-VERUS 2022-INV1 |         |   | 4    | 1.A FE   | 4,850,470   |            | 4,766,861  | 4,850,560 | 4,850,560 | 0                                      | 90        | 0          | 0        | 5.041 | 5. 144    |      | 20,376   | 81,506      | 08/18/2022 | 08/01/2067  |  |
| 92539J-AB-1   | Verus Securitization Tru-VERUS 2022-INV1 |         |   | 4    | 1.C FE   | 970 , 105   | 97.9182    | 949,916    | 970,112   | 970,112   | 0                                      | 7         | 0          | 0        | 5.802 | 5.904     | MON  | 9,392    | 14,071      | 08/18/2022 | 08/01/2067  |  |
| 92925V-AF-7   | WaMu Mortgage Pass-Throu-WAMU 2007-HY1 2 |         |   | 4    | 3.B FM   | 286,301     | 90.1779    | 282,364    | 313, 118  | 327,965   | 0                                      | 4,094     | 0          | 0        | 3.093 | 4.640     | MON  | 4,277    | 6,310       | 05/20/2016 | 02/01/2037  |  |
| 933638-AA-6   | WaMu Mortgage Pass-Throu-WAMU 2006-AR19  |         |   | 4    | 1.A FM   | 350,472     | 89.8719    | 325,859    | 362,582   | 354,381   | 0                                      | 13,220    | 0          | 0        | 2.788 | 6.253     | MON  | 2,341    | 3,370       | 12/29/2021 | 01/01/2047  |  |
| 93363P-AC-4   | WaMu Mortgage Pass-Throu-WAMU 2006-AR14  |         |   | 4    | 3.C FM   | 1, 179, 186 | 92.5017    |            | 1,255,600 | 1,326,018 | 0                                      | 18,966    | 0          | 0        | 3.329 | 4.486     | MON  | 6,256    | 28,500      | 09/16/2016 | 11/01/2036  |  |
| 93934F-MD-1   | Washington Mutual Mortga-WMALT 2006-2 2C |         |   | 4    | 2.C FM   | 298,881     | 69.8543    | 276,739    | 396, 166  | 265, 138  | 0                                      | (3,089)   | 38,811     | 0        | 6.500 | 7.185     | MON  | 2, 146   | 24,029      | 12/29/2021 | 03/01/2036  |  |
| 93934N-AC-9   | Washington Mutual Mortga-WMALT 2006-5 1A | L       | l | 4    | 4.B FM   | 141,718     |            | 117,808    | 152,076   | 135,398   | 0                                      |           | 12,812     | 0        | 6.000 | 5.946     | MON  | 2,480    | 7,594       | 12/29/2021 | 07/01/2036  |  |
| 93934N-AR-6   | Washington Mutual Mortga-WMALT 2006-5 2C | ļ       | ļ | 4    | 1.A FM   | 80,570      | 65.4157    | 66,715     | 101,987   | 50,791    | 0                                      | 5,623     | 0          | 0        | 4.989 | 17.490    | MON  | 658      | 1,844       | 04/23/2008 | 07/25/2036  |  |
| 95002F-AA-2   | Wells Fargo Mortgage Bac-WFMBS 2019-4 A1 | <u></u> | l | 4    | 1.A      | 1,016,586   |            | 878,557    | 998,795   | 1,024,676 |  | 4,511     | 0          | 0        | 3.500 |           | MON  | 5,901    |             | 11/19/2019 | 09/01/2049  |  |
| 95002K-AA-1   | Wells Fargo Mortgage Bac-WFMBS 2020-1 A1 | L       | l | 4    | 1.A      | 216, 182    |            | 188,575    | 213,645   | 217,852   | 0                                      | 535       | 0          | 0        | 3.000 | 2.740     | MON  | 1,072    | 5,875       | 02/14/2020 | 12/01/2049  |  |
| 97652P-AL-5   | WinWater Mortgage Loan T-WIN 2014-1 A11  |         | l | 4    | 1.A      |             | 94.4537    |            | 93.696    | 93.062    |  | (98)      |            |          | 3.500 | 3.641     |      | 273      | 3,279       | 06/19/2014 | 06/01/2044  |  |
|   | RENAISSANCE HOME EQUITY -RAMC 2007-3W AF | l       | l | 4    | 1.A FM   |             | 76.8500    | 1.046.110  | 1,361,236 | 1.058.827 | 0                                      | 5.308     | 0          |          | 3.269 | 5.925     |      | 7.424    |             | 09/21/2010 | 09/01/2037  |  |
| 004375-FG-1   | ACCREDITED MORTGAGE LOAN-ACCR 2006-1 A4  | I       | l | 4    | 1.A FM   |             | 98.7889    | 41,476     | 41.984    | 41.970    | n                                      | 1,497     | n          | n        | 4.669 | 2.582     | -    | 27       |             | 04/07/2016 | 04/25/2036  |  |
|   | Banc of America Funding -BAFC 2007-4 TA1 | [       |   | 4    | 1.A FM   |             | 89.1363    |            | 71.066    | 60.504    |  | 220       |            |          | 5.774 | 10.609    |      | 621      | 3.074       | 04/25/2008 | 05/01/2037  |  |
|   |  | P       |   |      |          |             |            |            | ,000      | ,004      |  |           |            |          |       |           |      |          | ,014        | , =0, =000 |             |  |

### **SCHEDULE D - PART 1**

|                            |   |            |        |            |                    |                                      | Showing All Lo | ng-Term BOND | S Owned Dece | mber 31 of              | Current Yea       | ar              |             |        |           |      |          |             |            |             |
|----------------------------|---|------------|--------|------------|--------------------|--------------------------------------|----------------|--------------|--------------|-------------------------|-------------------|-----------------|-------------|--------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2   |            | Cod    | les        | 6                  | -                                    | air Value      | 10           | 11           | Change                  | e in Book/Adju    | usted Carryin   | g Value     |        |           | li   | nterest  |             | Da         | tes         |
|                            |   | 3          | 4      | 5          |                    | 8                                    | 9              |              |              | 12                      | 13                | 14              | 15          | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |   |            |        |            | NAIC               |                                      |                |              |              |                         |                   |                 |             |        |           |      |          |             |            |             |
|                            |   |            |        |            | Desig-             |                                      |                |              |              |                         |                   |                 |             |        |           |      |          |             |            |             |
|                            |   |            |        |            | nation,            |                                      |                |              |              |                         |                   |                 |             |        |           |      |          |             |            |             |
|                            |   |            |        |            | NAIC               |                                      |                |              |              |                         |                   |                 | Total       |        |           |      |          |             |            |             |
|                            |   |            | _      |            | Desig-             |                                      |                |              |              |                         |                   |                 | Foreign     |        |           |      |          |             |            |             |
|                            |   |            | F      |            | nation<br>Modifier |                                      |                |              |              |                         |                   | Current         | Exchange    |        |           |      |          |             |            |             |
|                            |   |            | 0      |            |                    | Dete                                 |                |              |              |                         | 0                 | Year's          | Change      |        |           |      |          |             |            |             |
|                            |   | С          | e e    |            | and<br>SVO         | Rate<br>Used to                      |                |              | Book/        | Linroclinod             | Current<br>Year's | Other-<br>Than- | in<br>Book/ |        |           |      | Admitted |             |            | Stated      |
|                            |   | 0          | e      |            | Admini-            | Obtain                               |                |              | Adjusted     | Unrealized<br>Valuation | (Amor-            | Temporary       | Adjusted    |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |   | d          | g      | Bond       | strative           | Actual Fair                          | Fair           | Par          | Carrying     | Increase/               | tization)         | Impairment      | Carrying    | Rate   |           | When | Due and  | Received    |            | Maturity    |
| Identification             | Description                                 | u<br>e     | l y    | Char       | Symbol             | Cost Value                           | Value          | Value        | Value        | (Decrease)              | ,                 | Recognized      | Value       | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 75116C-ET-9                | RESIDENTIAL ACCREDIT LOA-SERIES 2007-0S6    | +          | +      | 4          | 1.A FM             | 192,20581.9488                       | 163,723        | 199,787      | 124,690      | 0                       | (364)             | 71,057          | 0           |        |           | MON  | 957      | 11,488      | 12/29/2021 | 04/01/2037  |
| 225458-2Y-3                | Credit Suisse First Bost-CSFB 2005-8 9A1    |            |        | 4          | 3.A FM             |                                      | 216.789        | 284.776      | 244.657      | 0                       | 2.073             |                 | 0           |        |           | MON  | 1.247    |             | 12/29/2021 | 09/01/2035  |
| 225458-L5-5                | Credit Suisse First Bost-CSFB 2005-7 1A1    |            |        | 4          | 4.A FM             |                                      | 88.772         | 111,062      | 101.977      | 0                       | 370               | 1. 197          | 0           | 5.250  | 6. 155    | MON  | 486      | 5,343       | 01/10/2022 | 08/01/2035  |
| 81745A-AB-3                | Sequoia Mortgage Trust 2-SEMT 2013-5 A2     | .          |        | 4          | 1.A                |                                      | 329,462        | 363,871      | 346,617      | 0                       | (951)             | 0               | 0           | 3.000  | 1         | MON  | 1,822    | 10,006      | 03/17/2014 | 05/01/2043  |
| 81745J-AA-6                | Sequoia Mortgage Trust 2-SEMT 2013-11 A1    |            |        | 4          | 1.A                |                                      | 189,808        | 206,431      | 203,867      | 0                       | (189)             | 0               | 0           | 3.500  | 3.734     | MON  | 1,209    | 6,623       | 02/27/2014 | 09/01/2043  |
| 12641Q-EB-4                | CSMC Series 2009-7R-CSMC 2009-7R 17A2       |            |        |            | 1.F FE             | 0.0000                               | 0              | 0            | (154,426)    | 0                       | 0                 | 0               | 0           | 0.000  | 0.000     |      | 0        | 0           | 01/13/2022 | 03/26/2037  |
| 855541-AC-2                | SUNTRUST ADJUSTABLE RATE-SERIES 2007-S1     | .          |        | 4          | 1.A FM             |                                      | 88,431         | 107,470      | 93,437       | 0                       | 1,776             | 0               | 0           | 3.598  |           | MON  | 647      | 2,534       | 10/10/2012 | 01/01/2037  |
| 74951P-DQ-8                | RESI Finance LP 2005-A-RESIF 2005-A B3      | <u>.  </u> | D      | 4          | 1.A FM             | 98,2938.0780                         | 18,610         | 230,375      | (80,578)     | (80,578)                | 88,274            | 0               | 0           | 3.894  | 3.894     | MON  | 0        | 3,877       | 03/09/2012 | 03/10/2037  |
|                            | . Subtotal - Bonds - Industrial and Miscell | aneo       | us (Un | affiliated | l) -               |                                      |                |              |              |                         |                   |                 |             |        | 1 7       |      |          |             |            |             |
|                            | Mortgage-Backed Securities                  |            |        |            | ,                  | 126, 118, 814 XXX                    | 112,889,376    | 141,471,539  | 124,451,731  | (80,578)                | 668,388           | 1,269,733       | 0           |        | XXX       | XXX  | 620,523  | 3,986,741   | XXX        | XXX         |
| 00217L-AA-0                | AREIT 2019-CRE3 Trust-AREIT 2019-CRE3 A     |            |        |            | 1.A FE             |                                      | 46,042         | 46,951       | 46,951       | 0                       | 0                 | 0               | 0           |        | 5.709     |      | 132      | 1,237       | 08/09/2019 | 09/14/2036  |
| 00217L-AC-6                | AREIT 2019-CRE3 Trust-AREIT 2019-CRE3 AS    |            |        |            | 1.A FE             |                                      | 970,622        | 1,000,000    | 1,000,000    | 0                       | 0                 | 0               | 0           | 5.740  | 5.739     |      | 2,844    | 29,242      | 08/09/2019 | 09/14/2036  |
| 05490T-AA-0                | BBCCRE Trust 2015-GTP-BBCCR 2015-GTP A      |            |        |            | 1.A                | 2,574,97095.7097                     | 2,392,743      | 2,500,000    | 2,521,806    | 0                       | (7,878)           | 0               | 0           | 3.966  | 3.614     |      | 6,885    | 99, 150     | 08/07/2015 | 08/06/2033  |
| 05608B-AA-8                | BX Commercial Mortgage T-BX 2019-IMC A      |            |        |            | 1.A                | 2,000,00098.2106                     | 1,964,213      | 2,000,000    | 2,000,000    | 0                       | 0                 | 0               | 0           | 5.318  |           | MON  | 5,023    | 50,859      | 05/02/2019 | 04/15/2034  |
| 05608V-AA-4                | BX 2021-MFM1-BX 2021-MFM1 A                 |            |        |            | 1.A FE             |                                      | 965,013        | 1,000,000    | 1,000,000    | 0                       | 0                 | 0               | 0           |        | 5.018     |      | 2,370    | 22,388      | 01/05/2021 | 01/15/2034  |
| 12593F-BC-7                | COMM 2015-LC21 Mortgage -COMM 2015-LC21     |            |        |            | 1.A                |                                      |                |              | 1,279,596    | 0                       | (587)             | 0               | 0           | 3.445  | 3.362     |      | 3,667    | 45,278      | 01/07/2016 | 07/01/2048  |
| 12625U-BF-9                | COMM 2013-CCRE9 Mortgage-COMM 2013-CR9 A    |            |        |            | 1.A                | 3,424,30499.3939                     | 3,280,640      | 3,300,645    | 3,306,097    | 0                       | (12,752)          | 0               | 0           | 4.266  |           | MON  | 11,733   | 145,767     | 10/16/2013 | 07/01/2045  |
| 12632Q-AW-3                | COMM 2014-CCRE18 Mortgag-COMM 2014-CR18     |            |        |            | 1.A                |                                      | 800,874        | 830,268      | 830,932      | 0                       | (477)             | 0               | 0<br>0      |        |           | MON  | 2,456    | 29,475      | 06/19/2014 | 07/01/2047  |
| 12632Q-AX-1                | COMM 2014-CCRE18 Mortgag-COMM 2014-CR18     | .          |        |            | 1.A<br>1.D FE      | 1,029,92797.0309                     | 970,309        | 1,000,000    | 1,004,235    | 0                       | (2,950)           | 0               | 0           | 3.828  | 3.514     |      | 3, 190   |             | 06/19/2014 | 07/01/2047  |
| 12659J-AE-7<br>12659J-AJ-6 | COLEM 2021-HLNE Mortgage-COLEM 2022-HLNE    |            |        |            | 1.D FE             | 4,791,14783.0403<br>7,210,26081.3329 |                | 5,000,000    |              |                         | 32,803            |                 | 0           | 2.461  | 3.460     |      |          |             | 03/01/2022 | 04/01/2042  |
| 193051-AA-7                | COLEM 2021-HLNE Mortgage-COLEM 2022-HLNE    |            |        |            | 2.A FE             |                                      |                |              |              |                         | 120,764           |                 | 0           | 5.218  | 5.218     |      |          |             | 10/22/2020 | 11/15/2037  |
| 30288L-AN-3                | FREMF 2016-K53 Mortgage -FREMF 2016-K53     |            |        |            | 1.A                | 976,25094.7919                       |                |              | 2,457,476    |                         | 3.034             |                 | 0           | 4.024  | 4.431     |      | 3,354    |             | 06/16/2016 | 03/01/2049  |
| 30291J-AJ-2                | FREMF 2013-K29 Mortgage -FREMF 2013-K29     |            |        |            | 1.A                |                                      |                |              |              |                         |                   |                 | 0           |        | 8.408     |      | 6.497    |             | 06/16/2016 | 05/01/2049  |
| 30295D-AG-7                | FREMF 2016-K57 Mortgage -FREMF 2016-K57     |            |        |            | 1 A                |                                      | 561.685        |              | 588.940      |                         | 2.738             |                 |             | 3.918  | 4.522     |      | 1.959    | 23,841      | 09/15/2016 | 08/01/2049  |
| 30295R-AS-0                | FREMF 2016-K59 Mortgage -FREMF 2016-K59     |            |        |            | 1 A                |                                      | 461,779        | 500,000      | 477,392      |                         | 5 .439            |                 |             | 3.579  | 4.966     |      | 1,491    |             | 11/15/2016 | 11/01/2049  |
| 36197X-AK-0                | GS Mortgage Securities T-GSMS 2013-GC12     |            |        |            | 1.A                |                                      | 6.088.094      | 6.150.000    | 6,118,228    | n                       |                   | n               | 0           | 3. 135 | 5.034     |      |          |             | 10/18/2013 | 06/01/2046  |
| 46590K-AD-6                | JP Morgan Chase Commerci-JPMCC 2015-JP1     |            |        | l          | 1.A                | 2,019,98494.6678                     | 1.893.355      | 2.000.000    | 2,005,189    | n                       | (1.735)           | n               | 0           |        | 3.552     |      | 6.083    | 72,996      | 12/15/2015 | 01/01/2049  |
| 46639J-AE-0                | JP Morgan Chase Commerci-JPMCC 2013-C10     |            |        |            | 1.A                |                                      | 482.473        | 483,548      | 483,548      |                         | 4.897             |                 | n           | 3. 143 | 4 . 447   |      | 1.266    |             | 07/05/2013 | 12/01/2047  |
| 46639Y-AQ-0                | JP Morgan Chase Commerci-JPMCC 2013-LC11    |            |        |            | 1.A                |                                      | 792.668        | 797 . 410    | 796,232      | 0                       |                   | 0               | 0           | 2.960  |           | MON  | 1.967    |             | 07/31/2013 | 04/01/2046  |
| 55282X-AA-8                | MF1 Multifamily Housing -MF1 2021-FL5 A     |            |        |            | 1.A FE             | 2,353,22597.1115                     |                |              |              | 0                       | 0                 | 0               | 0           | 5.300  | 1         | MON  | 5,890    | 57,497      | 03/05/2021 | 07/15/2036  |
| 61690A-AD-6                | Morgan Stanley Bank of A-MSBAM 2015-C27     | .          |        |            | 1.A                | 980,82095.4463                       | 916,397        |              | 964,628      | 0                       | (2,166)           | 0               | 0           |        | 3.229     |      | 2,779    |             | 02/17/2016 | 12/01/2047  |
| 61690F-AL-7                | Morgan Stanley Bank of A-MSBAM 2015-C22     |            |        |            | 1.A                |                                      | 925,905        | 977,000      | 976,651      | 0                       | 164               | 0               | 0           | 3.046  | 3.064     |      | 2,480    |             | 02/12/2016 | 04/01/2048  |
| 61690Q-AD-1                | Morgan Stanley Bank of A-MSBAM 2015-C23     |            |        |            | 1.A                | 2,023,59695.0426                     |                | 1,945,473    |              | 0                       | (8,630)           | 0               | 0           | 3.451  | 2.972     |      | 5,595    | 67,138      | 02/11/2016 | 07/01/2050  |
| 75575J-AA-3                | Ready Capital Mortgage F-RCMT 2020-FL4 A    | .          |        |            | 1.A FE             | 1,650,74599.3584                     |                | 1,650,745    | 1,650,745    | 0                       | 0                 | 0               | 0           |        |           | MON  | 11,321   | 55,507      | 06/19/2020 | 02/25/2035  |
| 865592-AG-4                | SUMIT 2022-BVUE Mortgage-SUMMT 2022-BVUE    |            |        |            | 1.A                | 5,008,78074.4009                     | 3,720,045      | 5,000,000    | 5,007,717    | 0                       | (1,063)           | 0               | 0           | 2.850  | 2.822     | MON  | 11,875   | 130,625     | 01/12/2022 | 02/01/2041  |
| 865592-AJ-8                | SUMIT 2022-BVUE Mortgage-SUMMT 2022-BVUE    |            |        |            | 1.A                | 1,940,14868.9549                     | 1,379,098      | 2,000,000    | 1,947,293    | 0                       |                   | 0               | 0           | 2.892  | 3.418     | MON  | 4,821    | 53,832      | 01/12/2022 | 02/01/2041  |
| 94989Y-AY-9                | Wells Fargo Commercial M-WFCM 2016-C32 A    |            |        |            | 1.A                |                                      | 833,584        | 888, 173     | 890,586      | 0                       | (660)             | 0               | 0           | 3.294  | 3. 191    | MON  | 2,438    | 31,004      | 02/03/2016 | 01/01/2059  |
| 12531W-BA-9                | CFCRE 2016-3 MTG TR PASS THRU CTF CL A-2    |            |        | 4          | 1.A                | 1,911,29294.8931                     | 1,795,748      | 1,892,391    | 1,897,667    | 0                       | (1,632)           | 0               | 0           | 3.597  | 3.490     | MON  | 5,672    | 68,623      | 01/22/2016 | 01/01/2048  |
| 92938E-AM-5                | WFRBS Commercial Mortgag-WFRBS 2013-C16     | .          |        |            | 1.A                | 579,90398.9170                       | 567,976        | 574, 195     | 574,439      | 0                       | (340)             | 0               | 0           | 4. 136 | 4.046     |      | 1,979    | 26,628      | 09/17/2013 | 09/01/2046  |
| 12434L-AA-2                | BXMT 2020-FL2 LTD-BXMT 2020-FL2 A           |            | D      |            | 1.A FE             | 1,537,56598.7391                     | 1,518,177      | 1,537,565    | 1,537,565    | 0                       | 0                 | 0               | 0           | 5.340  | 5.340     | MON  | 3,858    |             | 01/31/2020 | 02/15/2038  |
|                            | . Subtotal - Bonds - Industrial and Miscell | aneo       | us (Un | affiliated | l) -               |                                      |                |              |              |                         | _                 |                 |             |        | I T       |      |          |             |            |             |
|                            | Mortgage-Backed Securities                  |            |        |            |                    | 60,529,631 XXX                       | 56,546,695     | 61,972,517   | 61,053,188   | 0                       | 360,014           | 0               | 0           | ,,,,,  | XXX       | XXX  | 168,408  | 1,825,182   | XXX        | XXX         |
| 00038R-AA-4                | Aaset 2019-2 Trust-AASET 2019-2 A           |            |        |            | 2.C FE             |                                      | 559,688        | 769,203      | 769,269      | 0                       | 58                | 0               | 0           |        |           | MON  | 1,082    | 25,968      | 10/07/2019 | 10/16/2039  |
| 00180A-AA-7                | AMSR 2020-SFR1 Trust-AMSR 2020-SFR1 A       |            |        |            | 1.A FE             | 1,998,00991.4800                     | 1,827,847      | 1,998,083    | 1,998,465    | 0                       | (166)             | 0               | 0           | 1.819  | 1.810     | MON  | 3,029    | 36,345      | 03/04/2020 | 04/01/2037  |

### **SCHEDULE D - PART 1**

|                |  |            |        |      |          |             |         | Showing All Lor | ng-Term BOND | S Owned Dece | mber 31 of | Current Ye  | ear            |          |        |           |       |          |             |            |             |
|----------------|--|------------|--------|------|----------|-------------|---------|-----------------|--------------|--------------|------------|-------------|----------------|----------|--------|-----------|-------|----------|-------------|------------|-------------|
| 1              | 2  |            | Cod    | les  | 6        | 7           |         | Fair Value      | 10           | 11           | Change     | in Book/Adi | justed Carryin | g Value  |        |           | lı lı | nterest  |             | Da         | tes         |
|                |  | 3          | 4      | 5    |          |             | 8       | 9               |              |              | 12         | 13          | 14             | 15       | 16     | 17        | 18    | 19       | 20          | 21         | 22          |
|                |  |            |        |      | NAIC     |             |         |                 |              |              |            |             |                |          |        |           | -     |          | -           |            |             |
|                |  |            |        |      | Desig-   |             |         |                 |              |              |            |             |                |          |        |           |       |          |             |            |             |
|                |  |            |        |      | nation,  |             |         |                 |              |              |            |             |                |          |        |           |       |          |             |            |             |
|                |  |            |        |      | NAIC     |             |         |                 |              |              |            |             |                | Total    |        |           |       |          |             |            |             |
|                |  |            |        |      | Desig-   |             |         |                 |              |              |            |             |                | Foreign  |        |           |       |          |             |            |             |
|                |  |            | F      |      | nation   |             |         |                 |              |              |            |             | Current        | Exchange |        |           |       |          |             |            |             |
|                |  |            | 0      |      | Modifier |             |         |                 |              |              |            |             | Year's         | Change   |        |           |       |          |             |            |             |
|                |  |            | r      |      | and      |             | Rate    |                 |              |              |            | Current     | Other-         | in       |        |           |       |          |             |            |             |
|                |  | С          | e      |      | SVO      |             | Used to |                 |              | Book/        | Unrealized | Year's      | Than-          | Book/    |        |           |       | Admitted |             |            | Stated      |
|                |  | 0          | :      |      | Admini-  |             | Obtain  |                 |              | Adjusted     | Valuation  | (Amor-      | Temporary      | Adjusted |        | Effective |       | Amount   | Amount      |            | Contractual |
| CUSIP          |  | d          |        | Bond | strative | Actual      | Fair    | Fair            | Par          | Carrying     | Increase/  | tization)   | Impairment     | Carrying | Rate   | Rate      | When  | Due and  | Received    |            | Maturity    |
| Identification | Description                              | e          | g<br>n | Char | Symbol   | Cost        | Value   | Value           | Value        | Value        | (Decrease) | Accretion   | Recognized     | Value    | of     | of        | Paid  | Accrued  | During Year | Acquired   | Date        |
|                |  | е          | П      | Char | ,        |             |         |                 |              |              | (Decrease) |             | J              | value    |        |           |       |          |             | Acquired   |             |
| 00180A-AB-5    | AMSR 2020-SFR1 Trust-AMSR 2020-SFR1 B    |            |        |      | 1.B FE   |             | 91.0024 |                 | 500,000      | 500,349      | 0          | (150)       |                | 0        | 2. 120 |           | MON   |          |             | 03/04/2020 | 04/01/2037  |
| 00255U-AA-3    | AASET 2020-1 Trust-AASET 2020-1A A       |            |        |      | 2.A FE   |             | 78.6154 |                 | 996,350      | 996,347      | 0          | 0           |                | 0        | 3.351  |           | MON   | 1,484    |             | 02/03/2020 | 01/16/2040  |
| 02377B-AB-2    | AMER AIRLN 15-2 AA PTT-FIRST LIEN        |            |        |      | 2.A FE   | 1,384,189   |         | 1,244,118       | 1,384,189    | 1,384,492    | 0          | (68)        |                | 0        | 3.600  |           | MS    | 13,703   | 49,831      | 09/10/2015 | 09/22/2027  |
| 02665U-AA-3    | AMERICAN HOMES 4 RENT-SERIES 2014-SFR2 C |            |        | 4    | 1.A FE   | 856,065     |         | 824,595         | 856, 108     | 855,462      | 0          | 341         |                | 0        | 3.786  |           | MON   | 2,701    |             | 09/10/2014 | 10/01/2036  |
| 02666A-AA-6    | American Homes 4 Rent 20-AH4R 2015-SFR1  |            |        |      | 1.A FE   | 2, 143, 151 | 94.9799 | 2,035,646       | 2,143,238    | 2, 141, 491  | 0          | 714         |                | 0        | 3.467  |           | MON   | 6, 192   | 74,306      | 02/26/2015 | 04/01/2052  |
| 02666A-AB-4    | American Homes 4 Rent 20-AH4R 2015-SFR1  |            |        |      | 1.A FE   |             | 94.7128 | 568,277         | 600,000      | 599,462      | 0          | 225         |                | 0        | 3.813  | 0.000     | MON   | 1,907    | 22,878      | 02/26/2015 | 04/01/2052  |
| 02666A-AC-2    | American Homes 4 Rent 20-AH4R 2015-SFR1  |            |        |      | 1.A FE   |             | 95.0276 | 513,149         | 540,000      | 538,719      | 0          | 533         |                | 0        | 4.110  |           | MON   | 1,850    | 22, 194     | 06/29/2015 | 04/01/2052  |
| 02666B-AG-1    | American Homes 4 Rent 20-AH4R 2015-SFR2  |            |        |      | 6. *     |             | 0.0000  | 0               | 462,436      | (9)          | (9)        | 0           | 0              | 0        | 0.000  | 0.000     | -     | 0        | 0           | 09/11/2015 | 10/01/2052  |
| 03027W-AJ-1    | AMERICAN TOWER TRUST I-1ST LIEN          |            |        | 1    | 1.A FE   | 2,893,740   |         | 2,950,293       | 3,000,000    | 2,997,310    | 0          | 12,627      | 0              | 0        | 3.070  |           | MON   | 4,093    | 92,100      | 07/10/2013 | 03/15/2048  |
| 038370-AA-0    | Aqua Finance Trust 2019AQFIT 2019-A A    |            |        |      | 1.F FE   | 137,926     |         | 128,373         | 137,947      | 137,921      | 0          | (7)         |                | 0        | 3. 140 | 3. 149    |       | 193      | 4,332       | 09/16/2019 | 07/16/2040  |
| 038413-AA-8    | Aqua Finance Trust 2020AQFIT 2020-AA A   |            |        |      | 1.F FE   | 670, 123    |         | 626,815         | 670,246      | 670,146      | 0          | 12          |                | 0        | 1.900  |           | MON   | 495      | 12,735      | 08/19/2020 | 07/17/2046  |
|                | BHG Securitization Trust-BHG 2022-A D    |            |        |      | 1.G FE   | 1,898,965   |         | 1,588,388       | 1,900,000    | 1,899,091    | 0          | 126         |                | 0        | 3.560  | 3.569     | -     | 2,630    | 57,494      | 01/25/2022 | 02/20/2035  |
| 054977-AE-3    | BHG Securitization Trust-BHG 2022-A E    |            |        |      | 2.B FE   | 4,148,303   | 83.0092 | 3,444,881       | 4,150,000    | 4, 148, 472  | 0          | 169         | 0              | 0        | 4.300  |           | MON   | 6,940    | 151,682     | 01/25/2022 | 02/20/2035  |
|                | Ballyrock CLO 19 Ltd-BALLY 2022-19A A2   |            |        |      | 1.C FE   | 2,000,000   |         | 1,911,228       | 2,000,000    | 2,000,000    | 0          | 0           | 0              | 0        | 5.913  | 5.913     |       | 23,982   | 33,999      | 03/03/2022 | 04/20/2035  |
| 09748R-AA-6    | Bojangles Issuer LLC-BOJA 2020-1A A2     |            |        |      | 2.B FE   | 2,481,250   | 89.3224 | 2,216,312       | 2,481,250    | 2,481,250    | 0          | 0           | 0              | 0        | 3.832  |           | JAJ0  | 18,752   | 95,082      | 09/29/2020 | 10/20/2050  |
| 12327F-AA-5    | Business Jet Securities -BJETS 2020-1A A |            |        |      | 1.G FE   | 855,252     |         | 779,004         | 855,264      | 855,257      | 0          | 1           | 0              | 0        | 2.981  | 2.981     |       | 1, 133   | 25,495      | 10/21/2020 | 11/15/2035  |
| 12563L-AS-6    | CLI Funding VI LLC-2020-3A A             |            |        |      | 1.F FE   | 744,846     |         | 645,948         | 745,000      | 744,869      | 0          | 16          | 0              | 0        | 2.070  |           | MON   | 557      | 15,422      | 10/02/2020 | 10/18/2045  |
| 14310Q-AA-6    | Carlyle GMS Finance MM C-CGFM 2015-1A A1 |            |        |      | 1.A FE   | 3,000,000   | 97.8851 | 2,936,553       | 3,000,000    | 3,000,000    | 0          | 392         |                | 0        | 5.629  | 6.357     | JAJ0  | 35,651   | 77,730      | 08/02/2018 | 10/15/2031  |
| 14310Q-AE-8    | Carlyle GMS Finance MM C-CGFM 2015-1A A1 |            |        |      | 1.A FE   | 1,000,000   | 94.9522 | 949,522         | 1,000,000    | 999,826      | 0          | 76          | 0              | 0        | 4.560  |           | JAJ0  | 9,627    | 45,600      | 08/02/2018 | 10/15/2031  |
| 14576A-AA-0    | Cars Net Lease Mortgage -CARM 2020-1A A1 |            |        |      | 1.A FE   | 1,959,189   |         |                 | 1,960,000    | 1,959,244    | 0          | 31          | 0              | 0        | 2.010  | 2.019     | MON   | 1,751    | 39,396      | 11/18/2020 | 12/15/2050  |
| 19421U-AA-2    | College Ave Student Loan-CASL 2019-A A1  |            |        |      | 1.A FE   |             | 96.1209 | 506,371         | 526,807      | 526,807      | 0          | 2, 168      | 0              | 0        | 5.789  | 5.913     | -     | 339      | 16,522      | 06/26/2019 | 12/28/2048  |
| 20267U-AA-7    | COMMONBOND STUDENT LOAN -SERIES 16-B CLA |            |        |      | 1.A FE   | 137,042     |         | 129,480         | 137,079      | 137,045      | 0          | (10)        |                | 0        | 2.730  | 2.734     | MON   | 62       | 3,742       | 10/13/2016 | 10/25/2040  |
| 21872M-AA-0    | CoreVest American Financ-CAFL 2018-2 A   |            |        |      | 1.A FE   | 534,779     |         | 528,713         | 534,783      | 534,758      | 0          | 23          | 0              | 0        | 4.026  |           | MON   | 1,794    | 32,728      | 12/06/2018 | 11/01/2052  |
| 26209X-AC-5    | DRIVEN BRANDS FUNDING LL-HONK 2020-2A A2 |            |        |      | 2.C FE   |             | 82.6822 | 812,353         | 982,500      | 982,500      | 0          | 0           | 0              | 0        | 3.237  | 3.237     |       | 6,272    | 31,804      | 10/29/2020 | 01/20/2051  |
| 28852L-AA-1    | Ellington Clo III Ltd-ECLO 2018-3A A1    |            |        |      | 1.A FE   |             |         | 1,865,436       | 1,889,488    | 1,900,050    | 0          | 10,384      | 0              | 0        | 5.893  | 6 . 128   |       | 22,577   | 51,605      | 06/06/2018 | 07/20/2030  |
| 28852L-AN-3    | Ellington Clo III Ltd-ECLO 2018-3A A2R   |            |        |      | 1.A FE   | 3,023,180   |         | 2,978,963       | 3,023,180    | 3,023,180    | 0          | 0           | 0              | 0        | 5.993  | 5.992     | JAJ0  | 36,736   | 85,633      | 03/23/2021 | 07/20/2030  |
| 30260G-AA-4    | FCI Funding 2021-1 LLC-FCITL 2021-1A A   |            |        |      | 1.A FE   | 657,245     |         | 626,369         | 657,274      | 657,259      | 0          | 12          | 0              | 0        | 1.130  |           | MON   | 330      | 7,427       | 04/06/2021 | 04/15/2033  |
| 33830J-AA-3    | Five Guys Funding LLC-GUYS 2017-1A A2    | ļ          |        |      | 2.C FE   |             | 94.2830 | 931,045         | 987,500      | 987,500      | 0          | 0           | 0              | 0        | 4.600  |           | JAJ0  | 8,328    | 45,425      | 05/24/2017 | 07/25/2047  |
| 35041J-AA-3    | Foundation Finance Trust-FFIN 2019-1A A  | .          |        |      | 1.A FE   | 163,019     |         | 159,424         | 163,045      | 161,880      | 0          | 1,058       | 0              | 0        | 3.860  |           | MON   | 280      | 6,294       | 03/20/2019 | 11/15/2034  |
| 36165V-AQ-9    | GCIC CLO II LLC-GCIC 2018-IIRA A2R       |            |        |      | 1.A FE   | 2,000,000   | 88.3631 | 1,767,262       | 2,000,000    | 2,000,000    | 0          | 0           | 0              | 0        | 2.498  | 2.498     | JAJ0  | 9,853    | 49,960      | 12/15/2020 | 01/20/2031  |
| 411707-AH-5    | Hardee's Funding LLC-HNGRY 2020-1A A2    |            |        |      | 2.B FE   | 1,274,000   | 85.3111 | 1,086,863       | 1,274,000    | 1,274,000    | 0          | 0           | 0              | 0        | 3.981  | 3.981     | MJSD  | 1,550    | 50,718      | 11/13/2020 | 12/20/2050  |
| 42770Q-AA-0    | HERO Funding Trust 2014HERO 2014-2A A    |            |        |      | 1.A FE   |             | 96.3180 | 147,525         | 153, 164     | 153, 120     | 0          | 2           | 0              | 0        | 3.990  | 3.999     | MS    | 1,715    | 6,111       | 10/16/2014 | 09/21/2040  |
| 42770R-AA-8    | HERO Funding Trust 2014HERO 2014-1A A    |            |        |      | 1.A FE   | 133,531     | 97.8452 | 130,655         | 133,532      | 133,592      | 0          | (4)         | 00             | 0        | 4.750  | 4.728     | MS    | 1,780    | 6,343       | 03/06/2014 | 09/20/2038  |
| 45112A-AA-5    | ICON BRAND HOLDINGS LLC-SERIES 2012-1A C |            |        |      | 6. *     | 350,470     | 34.2540 | 120,050         | 350,470      | 120,050      | (229,022)  | 0           | 0              | 0        | 4.229  | 4.229     | JAJ0  | 2,717    | 14,821      | 11/16/2012 | 01/25/2043  |
| 46187X-AA-3    | Invitation Homes 2018-SF-IHSFR 2018-SFR4 |            |        |      | 1.A FE   | 2,808,484   | 98.8424 | 3,067,374       | 3,103,298    | 3, 103, 298  | 0          | 0           | 0              | 0        | 5.439  | 5.884     | MON   | 7,033    | 82,076      | 03/19/2020 | 01/17/2038  |
| 46616M-AA-8    | J G WENTWORTH RECV XXII-ASSET BKD NT 10  | .          |        |      | 1.A FE   |             | 93.9247 | 130,445         | 138,883      | 138,311      | 0          | 112         | 0              | 0        | 3.820  | 4.037     | MON   | 236      | 5,305       | 10/29/2010 | 12/15/2048  |
| 46616P-AA-1    | JGWPT XXIII LLC-HENDR 2011-1A A          | . <b> </b> |        |      | 1.A FE   | 656,218     | 89.8639 | 589,857         | 656,389      | 656,216      | 0          | 7           | 0              | 0        | 4.700  | 4.705     | MON   | 1,371    | 30,850      | 06/08/2011 | 10/15/2056  |
| 46617A-AA-3    | JGWPT XXVII LLC-ASSET BKD SERIES 2012-3  | .          |        | 4    | 1.A FE   | 843,393     | 81.6157 | 695,310         | 851,932      | 844,035      | 0          | (485)       |                | 0        | 3.220  | 3.380     | MON   | 1,219    | 27,412      | 01/28/2016 | 09/15/2065  |
| 46617F-AA-2    | JGWPT XXVIII LLC-HENDR 2013-1A A         | .          |        |      | 1.A FE   |             | 81.6566 | 377,883         | 462,771      | 462,384      | 0          | (128)       | 00             | 0        | 3.220  | 3. 189    | MON   | 704      | 14,901      | 03/13/2013 | 04/15/2067  |
| 46617J-AA-4    | JGWPT XXIX LLC-HENDR 2013-2A A           | .          |        |      | 1.A FE   |             | 85.3025 | 838,333         | 982,777      | 982,761      | 0          | 0           | 0              | 0        | 4.210  | 4.210     | MON   | 1,839    | 41,377      | 07/23/2013 | 03/15/2062  |
| 46617L-AA-9    | JGWPT XXX LLC-HENDR 2013-3A A            | .          |        |      | 1.A FE   | 1,028,523   | 85.5429 | 880,542         | 1,029,357    | 1,028,616    | 0          | 33          | 0              | 0        | 4.080  | 4.092     | MON   | 1,867    | 42,000      | 10/10/2013 | 01/17/2073  |
| 46617T-AA-2    | JGWPT XXXI LLC-ASSET BKD SERIES 2014-1 C | .          |        | 4    | 1.A FE   | 501,230     | 84.5546 | 424,052         | 501,513      | 501,211      | 0          | 8           | 0              | 0        | 3.960  | 3.970     | MON   | 883      | 19,860      | 02/10/2014 | 03/15/2063  |
| 46619R-AA-4    | J G WENTWORTH XXXV LLC-ASSET BCKD NT 15  | .          |        | 4    | 1.A FE   |             | 82.4754 | 825,980         | 1,001,486    | 1,003,071    | 0          | (49)        | 00             | 0        | 3.870  | 3.847     | MON   | 1,723    | 38,758      | 09/17/2015 | 03/15/2058  |
| 46620J-AA-9    | J.G. Wentworth XXXVIII L-HENDR 2017-1A A |            |        |      | 1.A FE   | 376, 101    | 82.5187 | 310,593         | 376,391      | 376,072      | 0          | (78)        | 00             | 0        | 3.990  | 3.945     | MON   | 667      | 15,077      | 03/15/2017 | 08/16/2060  |
| 466365-AD-5    | Jack in the Box Funding -JACK 2022-1A A2 | .          |        |      | 2.B FE   | 4,925,000   | 87.5545 | 4,312,059       | 4,925,000    | 4,925,000    | 0          | 0           | 0              | 0        | 3.445  | 3.445     | FMAN  | 16.967   |             | 02/02/2022 | 02/26/2052  |

### **SCHEDULE D - PART 1**

|                            |  |                        |     |      |          |           |                      | Showing All Lor | ng-Term BOND | S Owned Dece         | mber 31 of | Current Ye    | ar            |          |        |           |      |          |             |            |             |
|----------------------------|--|------------------------|-----|------|----------|-----------|----------------------|-----------------|--------------|----------------------|------------|---------------|---------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2  |                        | Cod | les  | 6        | 7         |                      | air Value       | 10           | 11                   | Change     | e in Book/Adj | usted Carryin | g Value  |        |           | I    | nterest  |             | Da         | tes         |
|                            |  | 3                      | 4   | 5    |          |           | 8                    | 9               |              |                      | 12         | 13            | 14            | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |  |                        |     |      | NAIC     |           |                      |                 |              |                      |            |               |               |          |        |           |      |          |             |            |             |
|                            |  |                        |     |      | Desig-   |           |                      |                 |              |                      |            |               |               |          |        |           |      |          |             |            |             |
|                            |  |                        |     |      | nation,  |           |                      |                 |              |                      |            |               |               |          |        |           |      |          |             |            |             |
|                            |  |                        |     |      | NAIC     |           |                      |                 |              |                      |            |               |               | Total    |        |           |      |          |             |            |             |
|                            |  |                        |     |      | Desig-   |           |                      |                 |              |                      |            |               |               | Foreign  |        |           |      |          |             |            |             |
|                            |  |                        | F   |      | nation   |           |                      |                 |              |                      |            |               | Current       | Exchange |        |           |      |          |             |            |             |
|                            |  |                        | 0   |      | Modifier |           |                      |                 |              |                      |            |               | Year's        | Change   |        |           |      |          |             |            |             |
|                            |  |                        | r   |      | and      |           | Rate                 |                 |              |                      |            | Current       | Other-        | in       |        |           |      |          |             |            |             |
|                            |  | С                      | е   |      | SVO      |           | Used to              |                 |              | Book/                | Unrealized | Year's        | Than-         | Book/    |        |           |      | Admitted |             |            | Stated      |
|                            |  | 0                      | i   |      | Admini-  |           | Obtain               |                 | _            | Adjusted             | Valuation  | (Amor-        | Temporary     | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d                      |     | Bond | strative | Actual    | Fair                 | Fair            | Par          | Carrying             | Increase/  | tization)     | Impairment    | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification             | Description                              | е                      | n   | Char | Symbol   | Cost      | Value                | Value           | Value        | Value                | (Decrease) | Accretion     | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 50209T-AA-8                | LMREC 2019-CRE3 Inc-LMREC 2019-CRE3 A    |                        |     |      | 1.A FE   | 1,413,464 |                      | 1,405,781       | 1,413,464    | 1,413,464            | 0          | 0             | 0             | 0        |        |           | MON  | 2,258    | 43,058      | 03/26/2019 | 12/22/2035  |
| 50543L-AA-0                | LABRADOR AVIATION FINANC-SERIES 2016-1A  |                        |     |      | 3.A FE   |           | 79.3012              | 1,026,389       | 1,294,292    | 1,288,991            | 0          | 4,662         | 0             | 0        |        |           | MON  | 2,474    | 55,655      | 12/08/2016 | 01/15/2042  |
| 543190-AA-0                | LONGTRAIN LEASING III LL-SERIES 2015-1A  |                        |     |      | 1.F FE   | 643,298   |                      | 639,894         | 663,943      | 659,817              | 0          | 7,009         | 0             | 0        |        | 3.740     |      | 879      | 19,786      | 07/22/2016 | 01/15/2045  |
| 543190-AB-8                | Longtrain Leasing III LL-LTRAN 2015-1A A | · <del> </del> · · · · |     |      | 1.F FE   |           | 391.0984             | 3,724,297       | 4,088,214    | 4,077,935            | 0          | 24,402        | 0             | 0        |        | 4. 189    |      | 7,377    | 165,981     | 09/19/2018 | 01/15/2045  |
| 57430U-30-1                | Maryland Trust 2006-I-MDIBS 2006-1A A    | ··· ··                 |     |      | 5.C FE   | 705,000   |                      | 223,661         | 841,464      | 261,710              | 0          | 40,947        | 89,468        | J0       | 5.550  |           | MON  | 6,616    | 9,001       | 06/17/2011 | 12/10/2065  |
| 62955M-AA-4                | NRZ FHT Excess LLC-NZES 2020-FHT1 A      | ·                      |     |      | 2.C FE   | 916,866   |                      | 831,970         | 916,888      | 916,716              | 0          | (157)         | 0             | 0        | 4.212  | 4.214     |      | 644      |             | 11/12/2020 | 11/25/2025  |
| 62960N-AA-5                | NXT Capital CLO 2020-1 L-NXTC 2020-1A A  | · · · · ·              |     |      | 1.A FE   | 3,000,000 |                      | 2,908,776       | 3,000,000    | 3,000,000            | 0          | 0             | 0             | 0        | 6.093  | 6.092     | JAJ0 | 37,063   |             | 12/04/2020 | 01/20/2031  |
| 64016N-AC-1<br>67181D-AA-9 | Neighborly Issuer 2022-1-NBLY 2022-1A A2 | ·   · · · ·            |     |      | 2.C FE   | 6,947,500 | )78.9778<br>I89.9243 |                 |              | 6,947,500<br>963.669 | 0          | 0             | 0             | 0        | 3.695  | 3.695     | JAJO |          | 200,377     | 01/11/2022 | 01/30/2052  |
| 67181D-AA-9                | Oak Street Investment Gr-UAKIG 2020-IA A |                        |     |      | 1.A FE   | ·         |                      | 866,572         | 963,669      | 963,669              |            | 120           |               | 0        | 2.210  | 2.218     |      |          |             | 11/06/2020 | 11/20/2050  |
| 67181D-AB-7<br>67181D-AG-6 | Oak Street Investment Gr-SERIES 20-1A CL |                        |     |      | 1.A FE   |           | 686.2749<br>092.1641 | 1.843.281       | 2.000.000    | 2.021.847            |            | (5.653)       |               |          | 5.110  |           | MON  |          |             | 02/18/2020 | 11/20/2050  |
| 67190A-AA-4                | Oak Street Investment Gr-OAKIG 2020-IA B |                        |     |      | 1.A FE   |           | 388.4782             | 1,050,579       | 1.187.387    |                      |            |               |               | 0        | -      | 1.483     |      | 537      |             | 02/18/2022 | 01/20/2050  |
| 67190A-AA-4                | Oak Street Investment Gr-OAKIG 2021-1A A |                        |     |      | 1 A FF   |           | 284.7687             |                 |              |                      |            | 60            |               |          | 1.480  | 1.483     |      |          |             | 01/20/2021 | 01/20/2051  |
| 74331C-AA-6                | Progress Residential 202-PROG 2020-SFR1  |                        |     |      | 1.A FE   |           | 392.2171             | 1,380,773       | 1,497,307    | 1,497,051            |            | 111           |               | 0        | 1.732  | 1.740     |      | 2.161    |             | 03/04/2020 | 04/01/2037  |
| 74331C-AB-4                | Progress Residential 202-PROG 2020-SFR1  |                        |     |      | 1.A FE   |           |                      |                 |              |                      | 0          |               | 0             | 0        | 2.033  |           | MON  |          |             | 03/04/2020 | 04/01/2037  |
| 74333Y-AJ-7                | Progress Residential 202-PROG 2022-SFR1  |                        |     |      | 2.A FE   |           | 77.5207              | 7.752.068       | 10.000.000   | 9,908,084            | 0          | 11.675        | 0             | 0        |        | 4. 101    |      |          | 318,767     | 01/27/2022 | 02/01/2041  |
| 76042E-AA-7                | Republic Finance Issuanc-REPS 2020-A A   |                        |     |      | 1.0 FE   |           | 94.0185              | 940 185         | 1,000,000    | 999.913              | 0          | 6/            | 0             | 0        | 2.470  | 2.477     |      |          | 24,700      | 10/06/2020 | 11/20/2030  |
| 78108Y-AL-6                | BR 1 LLC-BRAM 2017-1A A1AB               |                        |     |      | 1.A FE   |           | )97.7728             | 1.466.592       | 1,500,000    | 1.457.915            | 0          | 5. 165        | 0             | 0        | 5.229  | 6.161     |      |          |             | 07/07/2022 | 07/15/2035  |
| 817743-AA-5                | SERVPRO Master Issuer LL-SPRO 2019-1A A2 |                        |     |      | 2.0 FE   |           | 88.2659              | 856,179         | 970,000      | 970,000              | 0          | 0             | 0             | 0        |        | 3.882     | JAJ0 | 6.903    |             | 09/17/2019 | 10/25/2049  |
| 84858D-AA-6                | SPIRIT AIR 2015-1 PTT A-SECURED          |                        |     |      | 2.B FE   |           | 83.8000              | 512.453         | 611.519      | 611.733              | 0          | (41)          | 0             | 0        |        |           | A0   | 6.268    | 25,072      | 07/28/2015 | 04/01/2028  |
| 84858W-AA-4                | Spirit Airlines Pass Thr-FIRST LIEN      |                        |     |      | 1.G FE   |           | 83.0231              | 625.841         | 753,815      | 754,024              | 0          | (28)          | 0             | 0        | 3.375  | 3.370     |      | 9.611    | 25,441      | 11/13/2017 | 02/15/2030  |
| 86212V-AA-2                | Store Master Funding I-V-STR 2016-1A A1  | .l                     |     |      | 1.E FE   |           | 91.3925              | 1,205,428       | 1.318.958    | 1.318.668            | 0          | 68            | 0             | 0        | 3.960  | 3.967     | MON  | 1.596    | 52.231      | 10/12/2016 | 10/20/2046  |
| 86212V-AD-6                | Store Master Funding I-V-STR 2018-1A A1  |                        |     |      | 1.A FE   | 1,873,536 |                      | 1,777,348       | 1,874,021    | 1,873,879            | 0          | 73            | 0             | 0        |        | 3.964     | MON  | 2,268    | 74,211      | 10/12/2018 | 10/20/2048  |
| 86213C-AB-1                | STORE MASTER FUNDING LLC-SERIES 2015-1A  |                        |     |      | 1.E FE   |           | 93.3786              | 897,991         | 961,667      | 957,375              | 0          | 1,745         | 0             | 0        |        | 4.377     | MON  | 1,225    | 40, 102     | 08/05/2015 | 04/20/2045  |
| 869507-AA-1                | SUTTONPARK STRUCTURED SE-SERIES 17-1A CL |                        |     |      | 1.A FE   | 843, 400  | 90.7670              | 765,915         | 843,825      | 843,493              | 0          | 10            | 0             | 0        | 4. 190 | 4. 195    | MON  | 1,571    | 35,356      | 02/09/2017 | 01/15/2071  |
| 87342R-AF-1                | Taco Bell Funding LLC-BELL 2018-1AW A2W  |                        |     |      | 1.C FE   | 960,000   | 93.4040              | 896,678         | 960,000      | 960, 168             | 0          | (26)          | 0             | 0        | 4.590  | 4.586     | FMAN | 4,406    | 44,064      | 12/10/2018 | 11/25/2048  |
| 89657B-AA-2                | Trinity Rail Leasing 201-TRL 2019-1A A   |                        |     |      | 1.F FE   | 4,674,120 | 92.2737              | 4,532,497       | 4,912,015    | 4,762,403            | 0          | 36,571        | 0             | 0        | 3.820  | 4.892     | MON  | 7,297    | 187,578     | 03/31/2020 | 04/17/2049  |
| 89657B-AB-0                | Trinity Rail Leasing 201-TRL 2019-2A A1  |                        |     |      | 1.F FE   | 553,954   | 92.2655              | 511,229         | 554,085      | 554,002              | 0          | 24            | 0             | 0        | 2.390  | 2.398     | MON  | 515      | 13,243      | 10/08/2019 | 10/18/2049  |
| 90352W-AD-6                | ITE Rail Fund Levered LP-SERIES 21-1A CL |                        |     |      | 1.F FE   |           | 83.7300              | 1,151,264       | 1,374,972    | 1,374,925            | 0          | 7             | 0             | 0        | 2.250  | 2.251     | MON  | 258      | 30,937      | 01/15/2021 | 02/28/2051  |
| 90932L-AA-5                | UNITED AIR 2015-1 AA PTT-FIRST LIEN      |                        |     |      | 1.F FE   |           | 89.4500              | 1,840,093       | 2,057,119    | 2,057,554            | 0          | (88)          | 0             | 0        | 3.450  | 3.445     | JD   | 5,914    | 70,971      | 11/02/2015 | 12/01/2027  |
| 90932Q-AA-4                | UNITED AIR 2014-2 A PASS THRU TR-1ST LIE | ·                      |     |      | 2.A FE   |           | 91.2995              | 555,041         | 607,935      | 608,059              | 0          | (51)          | 0             | 0        |        | 3.740     |      | 7,473    | 22,798      | 07/28/2014 | 09/03/2026  |
| 92212K-AA-4                | Vantage Data Centers Iss-VDC 2019-1A A2  | ·                      |     |      | 1.G FE   |           | 95.0946              | 919,248         | 966,667      | 966,667              | 0          | 0             | 0             | 0        | 3.188  | 3.188     |      | 1,370    | 30,817      | 07/30/2019 | 07/15/2044  |
| 95058X-AG-3                | Wendy's Funding LLC-WEN 2019-1A A2I      | ļ                      |     |      | 2.B FE   |           | 91.8647              | 2,507,906       | 2,730,000    | 2,730,000            | 0          | 0             | 0             | 0        | 3.783  | 3.783     |      | 4,590    | 103,276     | 06/13/2019 | 06/15/2049  |
| 97064F-AA-3                | Willis Engine Structured-WESTF 2020-A A  | ·                      |     |      | 1.F FE   | 1,688,499 |                      | 1,301,650       | 1,688,523    | 1,688,523            | 0          | 0             | 0             | 0        | 3.228  | 3.228     |      | 2,422    | 54,506      | 02/18/2020 | 03/15/2045  |
| 974153-AB-4                | Wingstop Funding LLC-WSTOP 2020-1A A2    | ·                      |     |      | 2.B FE   |           |                      | 1,253,615       | 1,485,000    | 1,485,000            | 0          | 0             | 0             | 0        |        |           | MJSD | 3,047    | 42, 189     | 10/09/2020 | 12/05/2050  |
| 98920M-AA-0                | ZAXBY'S FUNDING LLC-ZAXBY 2021-1A A2     | ·                      |     |      | 2.B FE   |           | 80.0263              | 3,212,406       | 4,014,188    | 3,896,871            | 0          | 15,496        | 0             | 0        | 3.238  |           | JAJ0 | 22,024   | 97,485      | 02/18/2022 | 07/30/2051  |
| 02666B-AA-4                | AMERICAN HOMES 4 RENT-SERIES 2015-SFR2 C | ·                      |     |      | 1.A FE   |           | 994.9073             | 414,805         | 437,063      | 436,855              | 0          | 68            | 0             | 0        |        | 3.751     |      | 1,359    | 16,311      | 09/11/2015 | 10/01/2052  |
| 000366-AA-2                | AASET 2017-1 TRUST-SERIES 17-1A CLASS A  | ·                      |     | 4    | 2.B FE   | 931,634   |                      | 730, 193        | 928,732      | 928,732              | 0          | 0             | 0             | J0       | 3.967  |           | MON  | 1,535    |             | 05/30/2017 | 05/16/2042  |
| 23802W-AA-9                | DataBank Issuer-COLO 2021-1A A2          | ··· ··                 |     |      | 1.G FE   | 1,999,614 |                      | 1,688,774       | 2,000,000    | 2,000,000            | 0          | 378           |               | 0        |        | 2.065     |      | 687      | 41,211      | 02/24/2021 | 02/27/2051  |
| 32010L-AN-4                | First Eagle Commercial L-NWSTR 2016-1A A | ·                      |     |      | 1.A FE   |           | 95.2689              | 1,410,451       | 1,480,494    | 1,480,396            | 0          | 61            | 0             | 0        | 3.353  | 3.360     | JAJ0 | 9, 101   |             | 12/17/2019 | 01/25/2032  |
| 47760Q-AB-9                | Jimmy Johns Funding LLC-JIMMY 2017-1A A2 | ·                      |     |      | 2.B FE   |           | 90.2833              | 438,777         |              |                      | 0          | 370           | 0             | 0        |        | 4.846     |      | 3,991    |             | 06/27/2017 | 07/30/2047  |
| 78472J-AE-3<br>96034L-AA-9 | SPS Servicer Advance Rec-SPART 2020-T2 A | · · · · ·              |     |      | 1.A FE   |           | 789.9061<br>697.8742 | 1,798,122       | 2,000,000    | 2,000,000            | 0          | 80            | 0             | 0        | 1.830  | 3.956     |      | 1,627    |             | 10/23/2020 | 11/15/2055  |
|                            | Westgate Resorts 2020-1 -WESTR 2020-1A A | ļ                      |     |      | 1.A FE   |           |                      | 329,796         |              |                      | 0          |               |               | J        | 2.713  | 2.755     |      |          | 9,142       | 07/08/2020 | 03/01/2034  |
| 006346-AS-9<br>38177X-AA-2 | ADAMS OUTDOOR ADV SECD REV NT SER 2018-1 | · [ · · · ·            |     |      | 1.1.F FE |           | 593.0868<br>096.0482 |                 |              | 1.000.000            | 0          | (1,122)       |               | 0        | 4.810  | 4.654     |      | 1,856    |             | 10/31/2018 | 11/15/2048  |
| 00 11 1 A-RA-Z             | UUTUU VAPITAT DUG 3 OLU -ODUG3 2021-TA A | .                      |     |      | I.A FE   | 1,000,000 | J90.0482             | 900,482         |              |                      | JU         | JU            | 10            | JU       | 5.0/9  | 9         | UMJU | J 11,989 |             | 02/22/2021 | 04/ 10/2033 |

### **SCHEDULE D - PART 1**

|                            |  |     |     |      |          |            |          |            | ng-Term BOND | S Owned Dece |            |           |               |          |        |           |      |          |             |            |             |
|----------------------------|--|-----|-----|------|----------|------------|----------|------------|--------------|--------------|------------|-----------|---------------|----------|--------|-----------|------|----------|-------------|------------|-------------|
| 1                          | 2  |     | Cod |      | 6        | 7          |          | air Value  | 10           | 11           |            |           | usted Carryin |          |        |           |      | nterest  |             | Da         |             |
|                            |  | 3   | 4   | 5    |          |            | 8        | 9          |              |              | 12         | 13        | 14            | 15       | 16     | 17        | 18   | 19       | 20          | 21         | 22          |
|                            |  |     |     |      | NAIC     |            |          |            |              |              |            |           |               |          |        |           |      |          |             |            |             |
|                            |  |     |     |      | Desig-   |            |          |            |              |              |            |           |               |          |        |           |      |          |             |            |             |
|                            |  |     |     |      | nation,  |            |          |            |              |              |            |           |               |          |        |           |      |          |             |            |             |
|                            |  |     |     |      | NAIC     |            |          |            |              |              |            |           |               | Total    |        |           |      |          |             |            |             |
|                            |  |     |     |      | Desig-   |            |          |            |              |              |            |           |               | Foreign  |        |           |      |          |             |            |             |
|                            |  |     | F   |      | nation   |            |          |            |              |              |            |           | Current       | Exchange |        |           |      |          |             |            |             |
|                            |  |     | 0   |      | Modifier |            |          |            |              |              |            |           | Year's        | Change   |        |           |      |          |             |            |             |
|                            |  |     | r   |      | and      |            | Rate     |            |              |              |            | Current   | Other-        | in       |        |           |      |          |             |            |             |
|                            |  | С   | е   |      | SVO      |            | Used to  |            |              | Book/        | Unrealized | Year's    | Than-         | Book/    |        |           |      | Admitted |             |            | Stated      |
|                            |  | 0   | i   |      | Admini-  |            | Obtain   |            |              | Adjusted     | Valuation  | (Amor-    | Temporary     | Adjusted |        | Effective |      | Amount   | Amount      |            | Contractual |
| CUSIP                      |  | d   |     | Bond | strative | Actual     | Fair     | Fair       | Par          | Carrying     | Increase/  | tization) | Impairment    | Carrying | Rate   | Rate      | When | Due and  | Received    |            | Maturity    |
| Identification             | Description  | е   | n   | Char | Symbol   | Cost       | Value    | Value      | Value        | Value        | (Decrease) | Accretion | Recognized    | Value    | of     | of        | Paid | Accrued  | During Year | Acquired   | Date        |
| 90932P-AA-6                | United Airlines 2014-1 C-SECURED NOTE  |     |     |      | 2.B FE   | 588,63     |          | 539,047    | 588,639      | 588,792      | 0          | (51)      | 0             | 0        |        |           | A0   | 5,232    | 23,546      | 03/24/2014 | 04/11/2026  |
| 233046-AF-8                | DNKN 2017-1A A211  | .   |     |      | 2.B FE   | 3,810,00   |          | 3,408,582  | 3,810,000    | 3,810,000    | 0          | 0         | 0             | 0        |        |           | FMAN | 17,487   | 153,543     | 09/14/2017 | 11/20/2047  |
| 233046-AM-3                | DB Master Finance LLC-DNKN 2019-1AW A23W   |     |     |      | 1.C FE   | 3, 190, 86 |          | 2,921,354  | 3,144,375    | 3, 176,017   | 0          | (4, 188)  | 0             | 0        |        |           | FMAN | 14,332   | 125,838     | 11/07/2019 | 05/20/2049  |
| 25755T-AE-0                | DOMINOS PIZZA MASTER ISS-SERIES 2015-1A  | .   |     | 4    | 2.A FE   |            | 94.8254  | 1,782,718  | 1,880,000    | 1,880,000    | 0          | 0         | 0             | 0        |        |           | JAJ0 | 15,420   | 84, 111     | 10/14/2015 | 10/25/2045  |
| 25755T-AH-3                | DOMINOS PIZZA MASTER ISS-SERIES 17-1A CL   |     |     | 4    | 2.A FE   |            | 91.4021  | 2,611,815  | 2,857,500    | 2,857,500    | 0          | 0         | 0             | 0        | 4.118  |           | JAJ0 | 21,573   | 117,672     | 06/12/2017 | 07/25/2047  |
| 25755T-AL-4                | Domino's Pizza Master Is-DPABS 2019-1A A   |     |     |      | 2.A FE   | 1,458,75   |          | 1,266,631  | 1,458,750    | 1,458,750    | 0          | 0         | 0             | 0        | 3.668  |           | JAJ0 | 9,810    | 53,507      | 11/06/2019 | 10/25/2049  |
| 25755T-AM-2                | Domino's Pizza Master Is-DPABS 2019-1AW  |     |     |      | 1.C FE   |            | 289.2578 | 3,038,113  | 3,403,750    | 3,405,454    | 0          | (195)     | 0             | 0        | 3.668  | 1         | JAJ0 | 22,889   | 109,320     | 12/05/2019 | 10/25/2049  |
| 90783T-AA-8                | Union Pacific Railroad C-FIRST LIEN  | .   |     |      | 1.C FE   |            | 498.1823 | 48,594     | 49,494       | 49,552       | 0          | (21)      | 0             | 0        |        | 0.000     | JJ   | 1,330    | 2,675       | 07/22/2004 | 07/02/2025  |
| 78403D-AH-3                | SBA TOWER TRUST-SECURED NOTE   | .   |     | 1,5  | 1.F FE   | 2,000,00   |          | 1,895,961  | 2,000,000    | 2,000,000    | 0          | 0         | 0             | 0        | 3.869  |           | MON  | 3,439    | 77,380      | 10/07/2014 | 10/15/2049  |
| 46618A-AA-2                | JGWPT XXXII LLC-ASSET BKD SERIES 2014-2  |     |     |      | 1.A FE   |            | 82.6052  | 1,162,876  | 1,407,751    | 1,398,089    | 0          | 343       | 0             | 0        | 3.610  | 3.720     |      | 2,259    | 50,820      | 02/02/2018 | 01/17/2073  |
| 46618H-AA-7                | J G WENTWORTH XXXIII LLC-ASSET BKD SER 2   |     |     | 4    | 1.A FE   |            | 80.3659  |            | 1,551,851    | 1,555,298    | 0          | (233)     | 0             | 0        | 3.500  |           | MON  | 2,414    | 54,315      | 10/25/2017 | 06/15/2077  |
| 46618L-AA-8                | J G WENTWORTH XXXIV LLC-ASSET BKD SER 20   |     |     | 4    | 1.A FE   |            | 279.1948 | 2,309,522  | 2,916,255    | 2,908,477    | 0          | 181       | 0             | 0        |        | 3.298     |      | 4,225    | 95,070      | 06/01/2015 | 09/15/2072  |
| 02665X-AA-7                | American Homes 4 Rent 20-AH4R 2014-SFR3  | .   |     |      | 1.A FE   |            | 95.9044  | 2,609,406  | 2,720,841    | 2,724,378    | 0          | (1,706)   | 0             | 0        | 3.678  | 3.606     |      | 8,339    | 100,073     | 01/22/2016 | 12/01/2036  |
| 48669R-AA-9                | Great Lakes Kcap F3c Sen-KCAP 2017-1A A  |     |     |      | 1.A FE   |            | 798.7757 | 2,075,256  | 2,100,978    | 2,116,248    | 0          | 15, 136   | 0             | 0        | 6.646  | 6.221     |      | 4,654    | 76,452      | 12/11/2018 | 12/20/2029  |
| 62946A-AB-0                | NP SPE II LLC-NPRL 2016-1A A2  |     |     |      | 2.A FE   | 2,060,46   |          | 1,819,262  | 2,000,000    | 2,024,406    | 0          | (6,719)   | 0             | 0        | 5.438  |           | MON  | 3,323    | 108,760     | 11/10/2016 | 04/20/2046  |
| 62947A-AC-7                | NP SPE II LLC-NPRL 2019-2A A3  | .   |     |      | 1.F FE   |            | 284.0956 | 3,363,824  | 4,000,000    | 3,999,873    | 0          | 15        | 0             | 0        |        | 3.803     |      | 5,069    | 152,080     | 11/01/2019 | 11/19/2049  |
| 83546D-AL-2                | Sonic Capital LLC-SONIC 2020-1AW A2IW  |     |     |      | 1.C FE   |            | 588.0946 | 645,843    | 733, 125     | 745,346      | 0          | (114)     | 0             | 0        | 3.395  |           | MON  | 761      | 24,890      | 02/03/2020 | 01/20/2050  |
| 83546D-AM-0                | Sonic Capital LLC-SONIC 2020-1AW A21W  |     |     |      | 1.C FE   |            | 191.9297 | 1,123,266  | 1,221,875    | 1,281,842    | 0          | (14,011)  | 0             | 0        | 2.745  | 1.469     | MON  | 1,025    |             | 06/15/2020 | 01/20/2050  |
| 02377U-AB-0                | AMERICAN AIRLINES 2013-2-FIRST LIEN  |     |     |      | 3.B FE   |            | 98.7233  | 159,049    | 161, 106     | 161, 106     | 0          | (48)      | 0             | 0        |        | 4.918     | JJ   | 3,677    | 7,975       | 07/24/2013 | 01/15/2023  |
| 89655Y-AA-4                | TRINITY RAIL LEASING L.P-SERIES 2009-1A  |     |     |      | 2.C FE   |            | 799.9369 | 971, 103   | 971,717      | 971,822      | 0          | (42)      | 0             | 0        |        | 6.652     |      | 2,695    | 62,027      | 10/29/2009 | 11/16/2039  |
| 89656C-AA-1                | Trinity Rail Leasing 201-TRL 2010-1A A   | -   |     |      | 1.F FE   |            | 995.5804 |            | 3,315,982    | 3,388,920    | 0          | (16,506)  | 0             | 0        | 5. 194 | 4.418     |      | 7,176    | 172,232     | 01/17/2019 | 10/16/2040  |
| 000823-AJ-3                | ABPCI Direct Lending Fun-ABPCI 2017-1A A   |     | D   |      | 1.A FE   |            |          |            | 3,000,000    | 3,000,000    | 0          | 0         | 0             | 0        | 5.843  |           | JAJ0 | 35,542   |             | 02/19/2021 | 04/20/2032  |
| 000844-AA-8                | ABPCI Direct Lending Fun-ABPCI 2020-8A A   |     | D   |      | 1.A FE   |            |          |            | 2,000,000    | 2,015,124    | 0          | 9,022     | 0             | 0        |        |           | JAJ0 | 24,709   | 58,679      | 02/24/2021 | 04/20/2032  |
| 00121G-AA-6                | AGL Core CLO 15 Ltd-AGL 2021-15A A1  |     | D   |      | 1.A FE   |            | 597.3938 |            | 1,750,000    | 1,694,423    | 0          | 4,298     | 0             | 0        |        | 6.118     |      | 19, 136  | 27,050      | 07/06/2022 | 01/20/2035  |
| 008511-AN-7                | AGL CLO 7 Ltd-AGL 2020-7A BR   |     | D   |      | 1.0 FE   |            | 95.5833  |            | 1,250,000    | 1,231,815    | 0          |           | 0             | 0        | 5.779  |           | JAJ0 | 15,251   | 22,419      | 05/03/2022 | 07/15/2034  |
| 03330P-AA-7                | ANCHORAGE CREDIT FUNDING-SERIES 18-5A CL   |     | D   |      | 1.A FE   |            | 95.1703  |            | 3,400,000    | 3,400,000    | 0          | 0         | 0             | 0        | 4.100  |           | A0   | 25,557   |             | 01/26/2018 | 04/25/2036  |
| 03665L-AA-1                | Antares CLO 2018-3 LTD-ANTR 2018-3A A1   | .   | υ   |      | 1.A FE   | 2,000,000  |          |            | 2,000,000    | 2,011,387    | 0          | 10,680    | 0             | 0        | 5.693  | 6.055     | JAJ0 | 23,087   |             | 11/20/2018 | 01/20/2031  |
| 03666L-AL-6<br>03880V-AA-8 | Antares CLO 2020-1 Ltd-ANTR 2020-1A A1R<br>Arbor Realty Commercial -ARCLO 2019-FL2 |     | υ   |      | 1.A FE   |            | 094.0929 |            | 2,000,000    | 2,000,000    | 0          | (89)      | 0             | 0        | 5.785  | 5.784     |      |          |             | 11/16/2021 | 10/23/2033  |
| 03880V-AA-8<br>03880W-AA-6 | Arbor Realty Commercial -AHCLO 2019-FL2 Arbor Realty Collaterali-ARCLO 2020-FL1    | .   | υ   |      | 1.A FE   |            | 997.9240 | 2,892,485  | 2,894,684    |              | 0          |           | 0             |          | 5.650  | 5.7/8     |      | 2,808    |             | 04/13/2021 | 09/15/2034  |
| 03880W-AA-6                | Arbor Realty Collaterall-ARCLO 2020-FL1  | .   | υ   |      | 1.A FE   |            | 096.1314 |            | 1.500.000    |              |            | 76        |               | 0        |        |           | MON  |          |             | 04/13/2021 | 02/15/2035  |
| 03880W-AC-2<br>039937-AA-5 | Ares LXIII CLO Ltd-ARES 2022-63A A1A   | .   | υ   |      | 1.A FE   |            |          |            |              | 1,502,117    |            |           |               | 0        | 5.850  |           | JAJO | 4, 144   |             | 07/05/2021 | 04/20/2035  |
| 039937-AE-7                | ARES CLO-ARES 2022-63A B1  |     | D   |      | 1.0 FE   |            | 094.9712 | 1,899,424  | 2,000,000    | 2,000,000    |            | 13,716    |               | o        | 5.913  | 5.913     |      | 23,982   |             | 03/10/2022 | 04/20/2035  |
| 04016U-AE-7                | ARES XLVI CLO Ltd-ARES 2017-46A A2   |     | D   |      | 1.6 FE   |            | 094.9712 |            | 5.600,000    | 5.589.163    |            | 57 . 188  |               |          | 5.309  |           | JAJO |          |             | 12/18/2018 | 04/20/2035  |
| 04017W-AE-2                | Ares LIV CLO Ltd-ARES 2017-40A AZ  |     | D   |      | 1.0 FE   |            |          |            | 1,000,000    | 993. 156     |            |           |               | 0        |        |           | JAJO |          |             | 05/02/2022 | 10/15/2032  |
| 04017W-AE-2                | Ares LXV CLO Ltd-ARES 2019-54A B   | .   | n   |      | 1.0 FE   |            |          | 964, 153   | 1,000,000    | 1.000.000    |            |           |               | 0        | 6.060  |           | JAJO | 12,517   |             | 05/02/2022 | 07/25/2032  |
| 05492A-AJ-0                | BFNS 2017-1-BFNS 2017-1A AR  | .   | n   |      | 1.6 FE   |            | 794.3480 |            | 1,000,000    | 1,000,000    |            |           |               | 0        |        |           | JAJO |          |             | 04/2//2022 | 01/25/2029  |
| 05492K-AA-7                | BDS 2019-FL4 LTD-BDS 2019-FL4 A  | .   | n   |      | 1.8 FE   |            |          | 10,629,423 | 11,200,187   | 11,200,187   |            | 1.829     |               |          | 5.426  |           | MON  |          | 303,009     | 01/08/2020 | 08/15/2036  |
| 05492K-AC-3                | BDS 2019-FL4 LTD-BDS 2019-FL4 AS   | .   | n   |      | 1.A FE   |            |          | 991,679    | 1,000,000    | 1,000,000    | n          | 0         | n             | 0        |        | 5.726     |      | 2,693    |             | 07/17/2019 | 08/15/2036  |
| 05492K-AE-9                | BDS 2019-FL4 LTD-BDS 2019-FL4 RS   |     | n   |      | 1.0 FE   | 3.090.46   |          | 3.089.553  | 3.125.000    | 3.122.244    | n          | 15.842    | n             |          | 6.076  | 5.745     |      | 8.931    |             | 09/28/2020 | 08/15/2036  |
| 05492Q-AA-4                | BDS 2020-FL5 LTD-BDS 2020-FL5 A  | .   | n   |      | 1.6 FE   |            | 399.4517 |            |              |              | n          | (728)     | n             | 0        |        |           |      | 3,509    |             | 01/12/2021 | 02/16/2037  |
| 05684K-AN-7                | Bain Capital Credit CLO -BCC 2020-4A B   | .   | n   |      | 1.0 FE   | 958, 20    |          | 959,357    | 1,432,338    | 960,697      | n          | 2 497     | n             |          | 6.193  |           | JAJO |          |             | 07/07/2022 | 10/20/2033  |
| 05684P-AE-6                | Bain Capital Credit CLO -BCC 2020-4A B   | · [ | n   |      | 1.0 FE   |            | 094.8215 | 1,896,430  | 2,000,000    | 1,980,923    | n          |           | n             | 0        | 5.928  |           | JAJO |          |             | 04/26/2022 | 10/20/2033  |
| 05876L-AE-3                | Ballyrock CLO 17 Ltd-BALLY 2021-17A A2   |     | n   |      | 1.0 FE   |            | 094.6213 |            | 2,300,000    | 2,230,956    | n          | 4,556     | o             |          | 5.843  |           | JAJO |          |             | 06/09/2022 | 10/21/2034  |
| 08186U-AN-2                | Benefit Street Partners -BSP 2020-22A BR   | . [ | D.  |      | 1.0 FE   |            | 094.7439 | 805.323    |              |              | n          |           | n             | n        | 5.863  |           |      |          |             | 02/18/2022 | 04/20/2035  |
| 22 1000 /iii L             | 20 C 301   Ul 11010   DOI   LOE0   LEI   DII                                       |     |     |      |          |            |          | 1          |              | ,000,000     |            |           | 1             |          |        | 0.000     | J    | 1        |             | 10/ 2022   | 7/ 20/ 2000 |

### **SCHEDULE D - PART 1**

| 1  |             |  |   |      |       |        |            |          | Showing All Lo | ng-Term BOND | S Owned Dece | mber 31 of | Current Ye    | ar            |         |        |         |      |             |          |            |            |
|--|-------------|--|---|------|-------|--------|------------|----------|----------------|--------------|--------------|------------|---------------|---------------|---------|--------|---------|------|-------------|----------|------------|------------|
| Cutson   C | 1           | 2  |   | Cod  | es    | 6      | 7          |          | Fair Value     | 10           | 11           | Change     | e in Book/Adj | usted Carryin | g Value |        |         | I    | nterest     |          | Da         | tes        |
| Description   Commonweal   Co |             |  | 3 | 4    | 5     |        |            | 8        | 9              |              |              | 12         | 13            | 14            | 15      | 16     | 17      | 18   | 19          | 20       | 21         | 22         |
| Description   Commonweal   Co |             |  |   |      |       | NAIC   |            |          |                |              |              |            |               |               |         |        |         |      |             |          |            |            |
| Part    |             |  |   |      |       |        |            |          |                |              |              |            |               |               |         |        |         |      |             |          |            |            |
| Company   Comp |             |  |   |      |       |        |            |          |                |              |              |            |               |               |         |        |         |      |             |          |            |            |
| Cusp   |             |  |   |      |       |        |            |          |                |              |              |            |               |               | Total   |        |         |      |             |          |            |            |
| Part   Court   Court |             |  |   |      |       |        |            |          |                |              |              |            |               |               |         |        |         |      |             |          |            |            |
| Company   Comp |             |  |   | F    |       |        |            |          |                |              |              |            |               | Current       |         |        |         |      |             |          |            |            |
| Current   Curr |             |  |   | 1 -  |       |        |            |          |                |              |              |            |               |               |         |        |         |      |             |          |            |            |
| Company   Comp |             |  |   | _    |       |        |            | Doto     |                |              |              |            | Current       |               | •       |        |         |      |             |          |            |            |
| Company   Description   Desc |             |  |   | 1    |       |        |            |          |                |              | Doold        | Lincolizad |               |               |         |        |         |      | A draitte d |          |            | Ctotod     |
| Complete                |  | _ | e    |       |        |            |          |                |              |              |            |               |               |         |        |         |      |             | A 4      |            |            |
| Description   Description   Part   Class   Symbol   Class    | CLICID      |  |   |      | Danel | -      | A =4=1     |          | F-:-           | D            |              |            |               |               |         | D-4-   |         | 14/1 |             |          |            |            |
| September 20   Sept |             | D  |   |      |       |        |            |          |                |              |              |            | ,             |               |         |        |         |      |             |          | A          |            |
| Separate                |  | е | n    | Char  |        |            |          |                |              |              | (Decrease) |               | Recognized    |         |        |         |      |             |          |            |            |
|  |             |  |   | . D  |       |        |            |          |                |              |              | 0          |               | 0             |         |        |         |      |             | 30,312   |            |            |
| 1975   4.5   |             |  | . | . D  |       |        |            |          |                |              |              | 0          | 0             | 0             |         |        |         |      |             | 0        |            |            |
| 1986   4-5   1995   1 |             | 0  |   | . D  |       |        |            |          |                |              |              | 0          | 0             | 0             |         |        |         |      |             |          |            |            |
| 1987-2-0-0   FF Family SECPT 2003-3-9   0   1.5 FF   1.6 FE   1. |             |  | . | . D  |       |        |            |          |                |              |              | 0          | ,             | 0             | 0       |        |         |      |             |          |            |            |
|  |             |  | . | . D  |       |        |            |          |                |              |              | 0          |               | 0             | 0       |        |         |      | ,           |          |            |            |
|  |             |  | . | . D  |       |        | , ,        |          |                |              |              | 0          | 2,077         | 0             |         |        |         |      | ,           | 26,998   |            |            |
| 1877-4-5   Compro Capital of 2 200-0007 200-14   1   1   1   1   1   1   1   1   1   | 12572G-AC-1 | CIFC Funding Ltd-CIFC 2022-5A B1         |   | . D  |       | 1.C FE | 2,000,00   | 99.4040  | 1,988,080      | 2,000,000    | 2,000,000    | 0          | 0             | 0             | 0       | 5.015  | 5.018   | JAJ0 | 45,413      | 0        | 06/13/2022 | 07/16/2033 |
| 15077-0-1   0007-020-4 8   0.1   1.5   1.5   1.5   1.5   1.5   1.5   0 | 13876N-AN-3 | Canyon CLO 2020-2 Ltd-CANYC 2020-2A BR   |   | . D  |       | 1.C FE | 1,891,72   | 95.4302  | 1,908,604      | 2,000,000    | 1,899,434    | 0          | 7,714         | 0             | 0       | 5.779  | 6.819   | JAJ0 | 24,401      | 35,870   | 06/27/2022 | 10/15/2034 |
| Sept.   Company   Compan | 13877J-AC-5 | Canyon Capital CLO 2022CANYC 2022-1A B   | . | . D  |       | 1.C FE | 1, 192, 18 | 94.8821  | 1,186,026      | 1,250,000    | 1, 194,728   | 0          | 2,541         | 0             | 0       | 5.779  | 6.534   | JAJ0 | 15,249      | 26,078   | 05/24/2022 | 04/15/2035 |
| SST200-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0   | 13877P-AC-1 | CANYC-2021-4A B                          |   | . D  |       | 1.0 FE |            | 295.3538 | 1,301,579      | 1,365,000    | 1,314,194    | 0          | 5,432         | 0             | 0       | 5.779  | 6.572   | JAJ0 | 16,654      | 24,481   | 05/12/2022 | 10/15/2034 |
| Statistics   Column   Column |             | CARLYLE GLOBAL MARKET ST-CGMS 2022-3A B  |   | . D  |       |        |            |          |                |              |              | 0          | 0             | 0             | 0       |        |         |      |             | 0        |            |            |
| Section   Sect | 143122-AC-3 | CARLYLE US CLO 2021-11 L-CGMS 2021-11A B |   | . D  |       | 1.0 FE |            |          | 1.345.473      | 1.395.000    | 1.370.044    | 0          | 2. 177        | 0             | 0       |        | 6.346   | JAJO | 15.964      | 34.932   |            |            |
|  |             |  |   | D    |       |        |            |          |                |              |              | 0          |               | 0             | 0       |        |         |      |             |          |            |            |
| SST4-14-1-0   Control for Funding XX-9EIIS 2020-0   0   0   0   0   0   0   0   0   0  |             |  |   | D    |       |        |            |          |                |              | , . ,        | 0          | 11 425        | 0             | 0       |        |         |      |             | ,        |            |            |
| Spring   S |             | · ·                                      |   | D    |       |        |            |          |                |              |              | 0          | 0             | 0             | 0       |        |         |      |             |          |            |            |
|  |             |  |   | D    |       |        |            |          |                |              |              | 0          | 0             | 0             |         |        |         |      |             |          |            |            |
| 17259-1.4 -  |             | · ·                                      |   | n    |       |        |            |          |                |              |              | 0          | 6 197         |               | 0       |        |         |      |             |          |            |            |
| 2469A-4-1   Descript Topical Of 202-PH 19 200-14   D.   1.4 FE   2.000.000   2.000.000   D.   0   D.   0   D.   5.90    |             |  |   | . D  |       |        |            |          |                |              | ,            |            | 0, 107        |               |         |        |         |      |             |          |            |            |
| 27829-W-R   Eaton Yane (D. 2002-2 LENTIN 2 | * * *       |  |   | . D  |       |        |            |          |                |              |              |            |               |               |         |        |         |      |             |          |            |            |
| 28850-A-3   Ellington Cil   LEPEQ 0717-16 R8   0   1.4 FE   2.48 341   9.894   2.18 347   2.48 341   0.0   23   0.0   0.5.269   6.510   34.0   0.2   5.89   9.7196   5.007-072   10.75/2022   10.75/20 |             |  |   | . D  |       |        |            |          |                |              |              |            | 7 070         |               |         |        |         |      |             |          |            |            |
| 2885E-A-3   El Inigino for IL IL-FELD 2017-A 828   D.   1.8 F E   2.000 000   3.5 5.04   3.9 1728   1.85 5.06   2.000, 000   0.0   |             |  |   | . D  |       |        | , ,        |          |                |              | ,,           |            |               |               |         |        |         |      |             |          |            |            |
| 28852-4-7 Ellingto (i.e.   Life-Ellin 2017-24 & D  |             | •  |   | . υ  |       |        |            |          |                |              |              |            | 203           |               |         |        |         |      |             |          |            |            |
| 28007-4-P- (21m² 202-44 PE HINT 2022-44 A B D D D C PE HINT 2022-44 B D D D D D D D D D D D D D D D D D D  |             | •  |   | . D  |       |        |            |          |                |              |              |            | 0             |               | 0       |        |         |      |             |          |            |            |
| 29002-4-B-7   Elmond QD   VI Le-Bulk 2020-14 A   D.   1.4 FE   2.910,000   98.989    2.951,073   3.000,000   2.915.094   D.   5.504   D.   0.   5.508   5.508   M.   3.079   32.981   D.   1.4 FE   3.665,293   3.707,566   3.750,000   3.851,077   D.   0.   0.   5.508   5.508   M.   3.079   32.981   D.   1.716/2038   D.   1.4 FE   3.665,293   3.907,566   3.750,000   3.851,077   D.   0.   0.   0.   5.508   5.508   M.   3.079   32.981   D.   1.716/2038   D.   1.4 FE   3.665,293   3.907,566   3.750,000   3.851,077   D.   0.   0.   0.   5.508   5.508   M.   3.079   32.981   D.   1.716/2038   D.   1.716/2038   D.   1.4 FE   3.946,765   3.944 |             | · ·                                      | . | . D  |       |        |            |          |                |              |              | 0          | 619           | 0             |         |        |         |      |             | 23, / 14 |            |            |
| 28002-14-7   Elmood CLO VII L1d=ELMOY 2000-44   A   D   1.4 FE   3.806 250   98.8079   3.707 546   3.750,000   3.631,977   D   0.5.727   D   D   D   0.5.728   D   D   0.5.526   5.552   MJD   3.707 322.88   3.707 32 |             |  | . | . D  |       |        |            |          |                |              |              | 0          | 0             | 0             | 0       |        |         |      |             | 0        |            |            |
| 30121-44-1   FS Rialto 2019-FL1-FSM 2019-F |             |  |   | . D  |       |        |            |          |                |              |              | 0          |               | 0             | 0       |        |         |      |             | 0        |            |            |
| 34860_A-13-4   Fortress Credit   Opportun=F00 2015-6A A2F   D.   1.4 FE   3.64 / 766   38.804   3.385,006   3.643 / 745   3.848,173   D.   3.816   D.   D.   1.5 FE   5.500,000   7.7 0538   3.850,000   7.7 |             |  |   | . D  |       |        |            |          |                |              |              | 0          | 5,727         | 0             | 0       |        |         |      |             | 0        |            |            |
| 34861-41-4   Fortress Credit   Disportur-FOO 2015-64-A28   D.   1.4 FE   500,000   97.038   3.485,289   5.00,000   0.0 |             |  | . | . D  |       |        |            |          |                | ,            | ,,           | 0          | 0             | 0             |         |        |         |      |             |          |            |            |
| 34661P-AL-4   Fortress Credit BSL V Lt-FGSL 2017-2A B   D.   1.C FE   3,500,000   67,7000   3,609,500   3,500,000   0   0   0   0   0   0   0   0  |             |  |   | . D  |       |        |            |          |                |              |              | 0          |               | 0             | 0       |        |         |      |             |          |            |            |
| 34961H-AU-9   Fortress Credit Opportun=F00 2018-11A BF   D   D   1.C FE   1.000,000   84.6370   1.000,000   1.000,000   0.0  |             |  | . | . D  |       |        |            |          |                |              |              | 0          | 214           | 0             | 0       |        |         |      |             |          |            |            |
| 34962U-AC-2   Fortress Credit Opportun=F00 2021-15A AT   D.   1.A FE   2,500,000   95,8544   2,396,360   2,500,000   2,500,000   0   0   0   0   0   0   0   0   |             |  | · | . D  |       |        |            |          |                |              |              | 0          | 0             | 0             | 0       |        |         |      |             |          |            |            |
| 361837-AA-5 Garrison Funding 2015-1R-GARP 2015-1RA A D. 1. A FE  |             |  | . | . D  |       |        |            |          |                |              |              | 0          | 0             | 0             |         |        |         |      |             |          |            |            |
| 3636TIII-AIII-6 Gallatin CLO IX 2018-1 L-GALL 2018-1A B3 D 1.A FE 1,000,000 95.8525 958,525 1,000,000 998,002 0 516 0 0 0 .4.770 4.812 JAJO 95.00 98,002 0 1.0 E 95.00 98,002 0 95.00 0 95.00 98,002 0 95.00 98,002 0 95.00 98,002 0 95.00 98,002 0 95.00 98,002 0 95.00 98,002 0 95.00 0 95.00 98,002 0 95.00  |             | 1  | . | . D  |       |        |            |          |                |              |              | 0          | 0             | 0             |         |        |         |      |             |          |            |            |
| 3665L-AD-7 Garrison Funding 2018-2 -GRIML 2018-2RA D   |             | ů .                                      | . | . D  |       |        |            |          |                |              |              | 0          |               | 0             | 0       |        |         |      |             |          |            |            |
| 375415-AC-0 Gilbert Park CLO Ltd-GILBT 2017-1A B   | 1 1         | Gallatin CLO IX 2018-1 L-GALL 2018-1A B3 | · | . D  |       |        |            |          |                |              |              | 0          |               | 0             | 0       |        |         |      |             |          |            |            |
| 381362-AL-6 GoldenTree Credit Opport-GTOCP 2012-1A A D. 1.A FE 672,83998.0723659,884672,855672,855   |             |  | . | . D  |       |        |            |          |                |              |              | 0          |               | 0             |         |        |         |      |             |          |            |            |
| 38172F-AA-6 Golub Capital Partners C-GOCAP 2017-34A D  | 375415-AC-0 | Gilbert Park CLO Ltd-GILBT 2017-1A B     | . | . D  |       | 1.C FE | 2,733,50   | 97.2036  | 2,721,701      | 2,800,000    | 2,788,061    | 0          | 28,974        | 0             | 0       | 5.679  | 6 . 184 | JAJ0 | 33,570      | 73,975   | 12/18/2018 | 10/15/2030 |
| 38172F-AA-6 Golub Capital Partners C-GOCAP 2017-34A D  | 381362-AL-6 | GoldenTree Credit Opport-GTCOP 2012-1A A | . | . D  |       | 1.A FE | 672,83     | 98.0723  | 659,884        | 672,855      | 672,855      | 0          | 0             | 0             | 0       | 4.604  | 4.603   | MJSD | 1,463       | 32,841   | 06/08/2018 | 06/15/2034 |
| 38175B-AA-2 Golub Capital Partners C-600AP 2018-36A D  | 38172F-AA-6 | Golub Capital Partners C-GOCAP 2017-34A  | . | . D  |       | 1.A FE | 2,000,00   | 97.8139  | 1,956,278      | 2,000,000    | 2,000,000    | 0          | 0             | 0             | 0       | 6.232  | 6.231   | MJSD | 19,041      | 58,672   | 02/28/2019 | 03/14/2031 |
| 38175B-AA-2 Golub Capital Partners C-600AP 2018-36A D  | 38174Y-AA-3 | Golub Capital Partners C-GOCAP 2015-24A  | . | . D  |       | 1.A FE | 1,000,00   | 97.1928  | 971,928        | 1,000,000    | 1,000,000    | 0          | 96            | 0             | 0       | 6. 132 | 6.567   | FMAN | 9,368       | 28,317   | 10/17/2017 | 11/05/2029 |
| 38175N-AA-6 Golub Capital Partners C-600AP 2015-25A D 1.A FE 1,799,62298.4239 1,770,982 1,799,341 1,806,467 0 7,004 0 0 5,912 6,037 FMAN 16,251 46,916 03/16/2021 05/05/2030 38176K-AC-7 Golub Capital Partners C-600AP 2019-42A D 1.A FE 1,000,000 96,8017 1,000,000 1,000,000 0 0 0 0 0 0 0 0 0 0 12,659 30,860 04/12/2019 04/20/2031 38176V-AA-7 Golub Capital Partners C-600AP 2020-47A D 1.A FE 2,000,000 97,3094 1,946,188 2,000,000 0 0 0 0 0 0 0 0 0 6.212 1FMAN 18,980 58,264 02/27/2020 05/05/2032 390556-AL-2 Great Lakes CLO 2014-1 L-GRTLK 2014-1A A D 1.A FE 937,344 99,7043 934,572 937,344 991,688 0 4,306 0 0 0 0 0 0 0 0 11,278 24,955 10/06/2017 10/15/2029   |             | Golub Capital Partners C-GOCAP 2018-36A  | . | . D  | l     | 1.A FE |            |          |                |              |              | 0          | 10,949        | 0             | 0       |        |         | FMAN |             |          |            |            |
| 38176K-AC-7 Golub Capital Partners C-600AP 2019-42A D 1.A FE 1,000,00096.8017968,017,000,000 1,000,000 0 0 0 0 0 0 0 0 0 1,2659 30,860 04/12/2019 04/20/2031 38176V-AA-7 Golub Capital Partners C-600AP 2020-47A D 1.A FE 2,000,000,97.3094 1,946,188 2,000,000 0 0 0 0 0 0 0 0 0 6.243 243 249 1 FMAN 18,980 58,264 02/27/2020 05/05/2032 390556-AL-2 Great Lakes CLO 2014-1 L-GRTLK 2014-1A A D 1.A FE 937,344 99.7043 934,572 937,344 941,688 0 4,306 0 0 0 0 5.699 5.901 JAJO 11,278 24,955 10/06/2017 10/15/2029  |             | Golub Capital Partners C-GOCAP 2015-25A  |   | . D  | l     | 1.A FE |            |          |                |              |              | 0          |               | 0             | 0       |        |         | FMAN | , .         |          |            |            |
| 38176V-AA-7 Golub Capital Partners C-600AP 2020-47A D 1.A FE 2,000,00097.3094 1,946,188 2,000,000 0 0 0 0 0 6.212 6.211 FMAN 18,980 18,980 58,264 02/27/2020 05/05/2032 390556-AL-2 Great Lakes CLO 2014-1 L-GRTLK 2014-1A A D D 1.A FE 937,344 99.7043 937,344 991,688 0 4,306 0 0 4,306 0 0 5.699 5.901 JAJO 11,278 24,955 10/06/2017 10/15/2029   |             |  |   | . D  |       |        |            |          |                |              |              | 0          |               |               |         |        |         |      |             |          |            |            |
| 390556-AL-2 Great Lakes CLO 2014-1 L-GRTLK 2014-1A A D D D   D   D   D   D   |             |  |   | . D. |       |        |            |          |                |              |              | n          | n             | n             | n       |        |         |      |             |          |            |            |
|  | -           |  | [ | . D  | l     |        |            |          |                |              |              | n          |               | n             | n       |        |         |      |             |          |            |            |
|  |             |  |   | . D  |       |        |            |          |                |              |              | 0          |               | 0             | 0       |        |         |      |             |          |            |            |

### **SCHEDULE D - PART 1**

|                |  |         |        |       |          |           |           | Showing All Lor | ng-Term BOND: | S Owned Dece | mber 31 of | Current Ye  | ar            |          |        |           |                       |          |             |            |             |
|----------------|--|---------|--------|-------|----------|-----------|-----------|-----------------|---------------|--------------|------------|-------------|---------------|----------|--------|-----------|-----------------------|----------|-------------|------------|-------------|
| 1              | 2  |         | Cod    | les   | 6        | 7         |           | Fair Value      | 10            | 11           | Change     | in Book/Adi | usted Carryin | g Value  |        |           | l                     | nterest  |             | Da         | ites        |
|                |  | 3       | 4      | 5     |          |           | 8         | 9               |               |              | 12         | 13          | 14            | 15       | 16     | 17        | 18                    | 19       | 20          | 21         | 22          |
|                |  |         |        |       | NAIC     |           |           |                 |               |              |            |             |               |          |        |           |                       |          |             |            | 1           |
|                |  |         |        |       | Desig-   |           |           |                 |               |              |            |             |               |          |        |           |                       |          |             |            | 1           |
|                |  |         |        |       | nation,  |           |           |                 |               |              |            |             |               |          |        |           |                       |          |             |            | 1           |
|                |  |         |        |       | NAIC     |           |           |                 |               |              |            |             |               | Total    |        |           |                       |          |             |            | 1           |
|                |  |         |        |       | Desig-   |           |           |                 |               |              |            |             |               | Foreign  |        |           |                       |          |             |            | 1           |
|                |  |         | F      |       | nation   |           |           |                 |               |              |            |             | Current       | Exchange |        |           |                       |          |             |            | 1           |
|                |  |         | 0      |       | Modifier |           |           |                 |               |              |            |             | Year's        | Change   |        |           |                       |          |             |            | 1           |
|                |  |         | r      |       | and      |           | Rate      |                 |               |              |            | Current     | Other-        | in       |        |           |                       |          |             |            | 1           |
|                |  | С       | e      |       | SVO      |           | Used to   |                 |               | Book/        | Unrealized | Year's      | Than-         | Book/    |        |           |                       | Admitted |             |            | Stated      |
|                |  | 0       | :      |       | Admini-  |           | Obtain    |                 |               | Adjusted     | Valuation  | (Amor-      | Temporary     | Adjusted |        | Effective |                       | Amount   | Amount      |            | Contractual |
| CUSIP          |  | d       |        | Bond  | strative | Actual    | Fair      | Fair            | Par           | Carrying     | Increase/  | tization)   | Impairment    | Carrying | Rate   | Rate      | When                  | Due and  | Received    |            | Maturity    |
| Identification | Description                              | e       | g<br>n | Char  | Symbol   | Cost      | Value     | Value           | Value         | Value        | (Decrease) | Accretion   | Recognized    | Value    | of     | of        | Paid                  | Accrued  | During Year | Acquired   | Date        |
|                | P  | е       | - 11   | Criai |          |           |           |                 |               |              | (Decrease) |             | Recognized    | value    |        |           |                       |          |             | Acquired   |             |
| 39809L-AC-8    | Greystone CRE Notes 2019-GSTNE 2019-FL2  |         | D      |       | 1.B FE   |           | 96.2483   | 962,483         | 1,000,000     | 1,005,182    | 0          | 3, 159      | 0             | 0        | 5.918  | 5.749     | -                     | 2,795    | 31,770      | 01/08/2021 | 09/15/2037  |
| 40170F-AA-4    | Guggenheim MM CLO 2018-1-GPIM 2018-1A A1 |         | D      |       | 1.A FE   | ., ,      | 97.6081   | 2,928,243       | 3,000,000     | 3,003,391    | 0          | 3,281       | 0             | 0        | 4.042  |           | JAJ0                  | 25,599   | 77,118      | 11/20/2018 | 01/15/2031  |
| 406371-AC-8    | Halseypoint Clo 5 Ltd-HLSY 2021-5A B     |         | D      |       | 1.C FE   |           | 95. 1310  | 1,902,620       | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 6.215  |           | JAJ0                  | 21,406   | 53,768      | 11/19/2021 | 01/30/2035  |
| 43133J-AA-6    | Hildene TruPS Securitiza-HITR 2019-2A A1 |         | D      |       | 1.0 FE   | 1,783,473 |           |                 | 1,790,186     | 1,790,186    | 0          | 7,037       | 0             | 0        | 6.425  | 6 . 120   |                       | 12,780   | 55,283      | 04/16/2019 | 05/22/2039  |
| 440405-AE-8    | HORZN 2018-1 A                           |         | C      |       | 2.C FE   |           |           | 1,285,752       | 1,580,494     | 1,580,520    | 0          | (9)         | 0             | 0        | 4.458  |           | MON                   | 3, 131   | 70,458      | 11/16/2018 | 12/15/2038  |
| 44040H-AA-0    | Horizon Aircraft Finance-HORZN 2019-1 A  | ··· ··· | D      |       | 2.B FE   | 793,445   |           | 625,338         | 793,449       | 793,463      | 0          | (5)         | 0             | 0        | 3.721  |           | MON                   | 1,312    | 29,532      | 06/21/2019 | 07/15/2039  |
| 44932B-AQ-9    | ICG US CLO 2018-3 LTD-ICG 2018-3A AR     |         | D      |       | 1.A FE   | 2,000,000 |           | 1,957,068       | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 5.465  | -         | JAJ0                  | 20,948   | 45,044      | 03/24/2021 | 01/24/2032  |
| 48244X-AA-0    | KDAC Aircraft Finance Lt-SERIES 17-1A CL |         | D      |       | 3.C FE   | 678,582   |           | 513,721         | 678,605       | 678,605      | 0          | 0           | 0             | 0        | 4.212  | 4.212     |                       | 1,270    | 27,808      | 12/12/2017 | 12/15/2042  |
| 48254G-AC-0    | KKR CLO 29 Ltd-KKR 29A B                 |         | D      |       | 1.C FE   | 983,000   | 95.7973   | 957,973         | 1,000,000     | 989,464      | 0          | 6,464       | 0             | 0        | 5.579  | -         | JAJ0                  | 11,778   | 16,907      | 04/28/2022 | 01/15/2032  |
| 48255E-AC-4    | KKR FINANCIAL CLO LTD-KKR 42A B          |         | D      |       | 1.C FE   | 2,000,000 |           | 1,918,320       | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 3.714  | 3.719     |                       | 42,714   | 0           | 04/27/2022 | 07/20/2034  |
| 48255P-AC-9    | KKR CLO 41 Ltd-KKR 2022-41A B            |         | D      |       | 1.C FE   | 2,000,000 | 95. 1785  | 1,903,570       | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 5.764  | 5.763     |                       | 24,335   | 38,809      | 02/09/2022 | 04/15/2035  |
| 49255P-AA-1    | Kestrel Aircraft Funding-KSTRL 2018-1A A |         | D      |       | 2.B FE   |           |           | 943,562         | 1,183,598     | 1, 168, 924  | 0          | 7,558       | 0             | 0        | 4.250  | 5.080     |                       | 2,236    | 50,303      | 12/11/2018 | 12/15/2038  |
| 55821L-AC-8    | Madison Park Funding XXX-MDPK 2021-39A B |         | D      |       | 1.C FE   | 493,375   |           | 478,259         | 500,000       | 495,009      | 0          | 1,634       | 0             | 0        | 5.975  |           | JAJ0                  | 5,726    | 9,278       | 04/27/2022 | 10/22/2034  |
| 56577G-AA-7    | Maranon Loan Funding 202-MRNON 2020-1A A |         | D      |       | 1.A FE   | 2,000,000 |           | 1,952,740       | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 6.029  | 6.029     |                       | 25,456   | 59,975      | 11/20/2020 | 01/15/2034  |
| 58003U-AA-6    | MF1 2020-FL4 Ltd-MF1 2020-FL4 A          |         | C      |       | 1.A FE   | 3,982,690 | 98.0109   | 3,903,472       | 3,982,690     | 3,982,690    | 0          | 0           | 0             | 0        | 6. 150 |           | MON                   | 11,567   | 131,538     | 10/28/2020 | 11/15/2035  |
| 58003U-AC-2    | MF1 2020-FL4 Ltd-MF1 2020-FL4 AS         |         | C      |       | 1.A FE   | 3,000,000 |           | 2,910,333       | 3,000,000     | 3,000,000    | 0          | 0           | 0             | 0        | 6.550  | 6.550     | -                     | 9,279    | 111,216     | 10/28/2020 | 11/15/2035  |
| 61033C-AL-0    | Monroe Capital MML CLO V-MCMML 2018-2A A |         | D      |       | 1.A FE   |           | 91.6617   |                 | 2,000,000     | 1,999,624    | 0          | 313         | 0             | 0        | 2.290  | = . 000   | FMAN                  | 4,962    | 45,927      | 10/04/2018 | 11/22/2030  |
| 61034H-AA-2    | Monroe Capital MML CLO V-MCMML 2018-1A A |         | D      |       | 1.A FE   | 1,024,212 |           | 999,045         | 1,024,212     | 1,030,051    | 0          | 5,684       | 0             | 0        | 5.529  |           | <b>J</b> A <b>J</b> 0 | 11,955   | 25,493      | 02/01/2018 | 04/15/2030  |
| 64130H-AN-1    | Neuberger Berman Loan Ad-NEUB 2017-24A B |         | D      |       | 1.B FE   | 480,625   |           | 486,588         | 500,000       | 481,658      | 0          | 1,033       | 0             | 0        | 5.727  |           | JAJ0                  | 5,886    | 0           | 10/27/2022 | 04/19/2030  |
| 64132D-AL-2    | Neuberger Berman Loan Ad-NEUB 2019-32A B |         | D      |       | 1.C FE   | 1,418,040 |           |                 | 1,500,000     | 1,425,252    | 0          | 7,212       | 0             | 0        | 5.627  | 7.100     |                       | 17,349   | 25, 129     | 07/12/2022 | 01/20/2032  |
| 64133V-AC-1    | Neuberger Berman CLO Ltd-NEUB 2021-44A B |         | D      |       | 1.C FE   |           | 96.1152   | 961, 152        | 1,000,000     | 943,028      | 0          | 1,778       | 0             | 0        | 5.679  |           | <b>J</b> A <b>J</b> 0 | 11,989   | 10,971      | 10/07/2022 | 10/16/2034  |
| 64134M-AC-0    | Neuberger Berman Loan Ad-NEUB 2021-45A B |         | D      |       | 1.C FE   |           | 96 . 1851 | 1,923,702       | 2,000,000     | 1,899,496    | 0          | 8,496       | 0             | 0        | 5.661  | 6.774     |                       | 24,845   | 34,716      | 06/21/2022 | 10/14/2035  |
| 64134Q-AC-1    | Neuberger Berman Loan Ad-NEUB 2021-46A B |         | D      |       | 1.C FE   | 960,800   | 96.3105   | 963, 105        | 1,000,000     | 963,380      | 0          | 2,580       | 0             | 0        | 5.893  |           | <b>J</b> A <b>J</b> 0 | 11,949   | 17,999      | 05/26/2022 | 01/20/2036  |
| 64135D-AA-3    | Neuberger Berman Loan Ad-NEUB 2022-47A A |         | D      |       | 1.A FE   | 1,916,000 |           |                 | 2,000,000     | 1,919,348    | 0          | 3,348       | 0             | 0        | 5. 127 | 6 . 147   |                       | 22,502   | 18,391      | 10/07/2022 | 04/14/2035  |
| 64135D-AC-9    | Neuberger Berman Loan Ad-NEUB 2022-47A B |         | D      |       | 1.C FE   | 981,500   |           | 953, 151        | 1,000,000     | 983,399      | 0          | 1,899       | 0             | 0        | 5.627  |           | <b>J</b> A <b>J</b> 0 | 12,348   | 19,469      | 05/02/2022 | 04/14/2035  |
| 64135J-AC-6    | Neuberger Berman Loan Ad-NEUB 2022-49A B |         | D      |       | 1.C FE   | 700,000   |           | 681,962         | 700,000       | 700,000      | 0          | 0           | 0             | 0        | 4. 152 | 4. 152    |                       | 0        | 10,819      | 05/03/2022 | 07/25/2034  |
| 65130P-AW-0    | Newfleet CLO 2016-1 Ltd-NEWFL 2016-1A A2 |         | D      |       | 1.A FE   | 123, 128  | 99.2180   | 122, 165        | 123, 128      | 123, 125     | 0          | 2           | 0             | 0        | 3.868  | -         | <b>J</b> A <b>J</b> 0 | 939      | 4,763       | 05/21/2018 | 04/20/2028  |
| 67098W-AN-1    | OHA Credit Funding 7 Ltd-OAKC 2020-7A AR |         | D      |       | 1.A FE   | 960,330   |           | 975,745         | 1,000,000     | 960,955      | 0          | 0           | 0             | 0        | 5.255  | 5.255     |                       | 0        | 9,847       | 10/06/2022 | 02/24/2037  |
| 67108B-BS-3    | OZLM Funding II Ltd-OZLMF 2012-2A A2RR   | · ·     | D      |       | 1.C FE   | 1,400,000 |           | 1,361,177       | 1,400,000     | 1,400,000    | 0          | 0           | 0             | 0        | 6.715  |           | JAJ0                  | 16,190   | 48,479      | 11/18/2020 | 07/30/2031  |
| 67108L-BE-2    | OZLM VI Ltd-OZLM 2014-6A A2BS            |         | D      |       | 1.C FE   | 1,400,000 |           | 1,274,153       | 1,400,000     | 1,400,000    | 0          | 1           | 0             | 0        | 4.490  |           | <b>J</b> A <b>J</b> 0 | 12,921   | 62,860      | 04/11/2018 | 04/17/2031  |
| 67112C-AN-7    | OZLM XIX Ltd-OZLM 2017-19A A2AR          |         | D      |       | 1.C FE   |           | 94.3740   | 802, 179        | 850,000       | 850,000      | 0          | 0           | 0             | 0        | 5.929  |           | <b>J</b> A <b>J</b> 0 | 10,640   | 21,116      | 12/13/2021 | 01/15/2035  |
| 67113G-AC-1    | OHA Credit Funding 5 Ltd-OAKC 2020-5A A1 |         | D      |       | 1.A FE   | 972,750   |           | 982,027         | 1,000,000     | 974,617      | 0          | 1,867       | 0             | 0        | 5.364  |           | <b>J</b> A <b>J</b> 0 | 11, 174  | 9,993       | 10/06/2022 | 04/18/2033  |
| 67590A-BR-2    | Octagon Investment Partn-OCT14 2012-1A A |         | D      |       | 1.A FE   | 2,000,000 |           |                 | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 5.329  | 5.329     |                       | 22,501   | 45,703      | 03/02/2021 | 07/15/2029  |
| 69120L-AA-1    | Owl Rock Technology Fina-ORTF 2020-1A A  |         | D      |       | 1.F FE   | 2,985,000 | 98.6034   | 2,958,102       | 3,000,000     | 3,000,000    | 0          | 11,620      | 0             | 0        | 7.029  | 7.793     |                       | 44,518   | 120,546     | 11/24/2020 | 01/15/2031  |
| 69701R-AQ-0    | Palmer Square CLO 2020-3-PLMRS 2020-3A A |         | D      |       | 1.C FE   | 964,000   |           | 968, 131        | 1,000,000     | 968,448      | 0          | 4,448       | 0             | 0        | 6.206  |           | FMAN                  | 8, 102   | 19, 125     | 06/15/2022 | 11/15/2031  |
| 70470M-AE-5    | Peace Park CLO Ltd-PCEPK 2021-1A B1      |         | D      |       | 1.C FE   | 968,200   |           | 943,342         | 1,000,000     | 970,713      | 0          | 2,513       | 0             | 0        | 5.843  | 6.329     |                       | 11,847   | 17,745      | 05/10/2022 | 10/20/2034  |
| 70806U-AA-0    | PennantPark CLO II Ltd-PNTPK 2020-2A A1  |         | D      |       | 1.A FE   | 1,500,000 |           | 1,465,178       | 1,500,000     | 1,500,000    | 0          | 0           | 0             | 0        | 5.979  | 5.979     |                       | 18,934   | 44,217      | 12/24/2020 | 01/15/2032  |
| 72353P-AA-4    | Pioneer Aircraft Finance-SERIES 19-1 CLA |         | D      |       | 2.C FE   | 775,402   | 78.6826   | 610,110         | 775,406       | 775,395      | 0          | 2           | 0             | 0        | 3.967  |           | MON                   | 1,367    | 30,760      | 05/23/2019 | 06/15/2044  |
| 74980P-AC-7    | ALM Ltd/KY-SERIES 21-14A CLASS A2        | · ·     | D      |       | 1.C FE   | 938,500   |           | 954,029         | 1,000,000     | 940,454      | 0          | 1,954       | 0             | 0        | 5.579  |           | <b>J</b> A <b>J</b> 0 | 11,778   | 10,476      | 10/07/2022 | 04/15/2036  |
| 74980Q-AE-1    | ALM Ltd/KY-RRAM 2021-17A A2              |         | D      |       | 1.C FE   | 986,350   |           | 958,801         | 1,000,000     | 991,708      | 0          | 5,358       | 0             | 0        | 5.729  |           | <b>J</b> A <b>J</b> 0 | 12,095   | 17,678      | 04/28/2022 | 07/15/2034  |
| 77587A-AU-0    | Romark WM-R Ltd-RMRK 2018-1A B2R         | · ·     | D      |       | 1.C FE   |           |           | 1,060,363       | 1,250,000     | 1,250,000    | 0          | 0           | 0             | 0        | 2.540  | 2.540     |                       | 6,262    | 31,751      | 09/17/2020 | 04/20/2031  |
| 80306A-AA-8    | SAPPHIRE AVIATION FINANC-SAPA 2018-1A A  |         | D      |       | 3.B FE   | 487,517   |           | 377,907         | 487,745       | 487,638      | 0          | 28          | 0             | 0        | 4.250  |           | MON                   | 921      | 20,729      | 03/14/2018 | 03/15/2040  |
| 80349B-BD-8    | Saratoga Investment Corp-SARAT 2013-1A A | · ·     | D      |       | 1.A FE   | 2,000,000 |           | 1,898,300       | 2,000,000     | 2,000,000    | 0          | 0           | 0             | 0        | 5.893  | 5.892     |                       | 23,898   | 54,623      | 02/11/2021 | 04/20/2033  |
| 82670Q-AE-9    | Signal Peak CLO 9 Ltd-SPEAK 2021-9A B    | · ·     | D      |       | 1.C FE   | 983,500   |           | 956,554         | 1,000,000     | 984,631      | 0          | 1,131       | 0             | 0        | 5.978  | 6.177     |                       | 11,955   | 18,399      | 05/02/2022 | 07/21/2034  |
| 82671C-AC-3    | Signal Peak CLO 10 Ltd-SPEAK 2021-10A B  |         | D      |       | 1.C FE   | 992,800   | 95.2699   | 952,699         | 1,000,000     | 1,000,000    | 0          |             | 0             | 0        | 6.075  | 5.908     | JAJ0                  | 11,643   | 25,748      | 03/01/2022 | 01/24/2035  |

|                |  |               |             |            |               | 5          | Showing All Long | -Term BONDS   | S Owned Dece  | mber 31 of | Current Ye  | ar            |          |         |                   |      |            |             |            |             |
|----------------|--|---------------|-------------|------------|---------------|------------|------------------|---------------|---------------|------------|-------------|---------------|----------|---------|-------------------|------|------------|-------------|------------|-------------|
| 1              | 2  | Cod           | des         | 6          | 7             |            | air Value        | 10            | 11            |            |             | usted Carryin | g Value  |         |                   | l    | nterest    |             | Da         | ates        |
|                |  | 3 4           |             |            |               | 8          | 9                |               |               | 12         | 13          | 14            | 15       | 16      | 17                | 18   | 19         | 20          | 21         | 22          |
|                |  |               |             | NAIC       |               |            | -                |               |               |            |             |               |          |         |                   |      |            |             |            |             |
|                |  |               |             | Desig-     |               |            |                  |               |               |            |             |               |          |         |                   |      |            |             |            |             |
|                |  |               |             | nation.    |               |            |                  |               |               |            |             |               |          |         |                   |      |            |             |            |             |
|                |  |               |             | NAIC       |               |            |                  |               |               |            |             |               | Total    |         |                   |      |            |             |            |             |
|                |  |               |             | Desig-     |               |            |                  |               |               |            |             |               | Foreign  |         |                   |      |            |             |            |             |
|                |  | l l F         |             | nation     |               |            |                  |               |               |            |             | Current       | Exchange |         |                   |      |            |             |            |             |
|                |  | 0             |             | Modifier   |               |            |                  |               |               |            |             | Year's        | Change   |         |                   |      |            |             |            |             |
|                |  |               |             | and        |               | Rate       |                  |               |               |            | Current     | Other-        | in       |         |                   |      |            |             |            | '           |
|                |  | C e           |             | SVO        |               | Used to    |                  |               | Book/         | Unrealized | Year's      | Than-         | Book/    |         |                   |      | Admitted   |             |            | Stated      |
|                |  | _             |             | Admini-    |               | Obtain     |                  |               |               |            | (Amor-      | -             | Adjusted |         | Cffo otive        |      | Amount     | Amount      |            |             |
| CUSIP          |  | 0 i           | Dond        |            | Actual        | Fair       | Fair             | Par           | Adjusted      | Valuation  | tization)   | Temporary     |          | Doto    | Effective<br>Rate | When | Due and    | Received    |            | Contractual |
|                | Description                                | d g           | Bond        | strative   |               | _          | -                | -             | Carrying      | Increase/  |             | Impairment    | Carrying | Rate    |                   | Paid |            |             | Acquired   | Maturity    |
| Identification | Description                                | e n           | Char        | Symbol     | Cost          | Value      | Value            | Value         | Value         | (Decrease) | Accretion   | Recognized    | Value    | of      | of                |      | Accrued    | During Year | Acquired   | Date        |
| 87168Y-AE-0    | Symphony CLO Ltd-SYMP 2022-31A B           | D             |             | 1.0 FE     |               | 95.6865    | 1,913,730        | 2,000,000     | 2,000,000     | 0          | 0           | 0             | 0        | 2.755   |                   |      | 0          | 0           | 02/09/2022 | 04/22/2035  |
| 898203-AA-2    | TruPS Financials Note Se-TFINS 2017-2A A   |               |             | 1.0 FE     | 1,338,031     | 95.4236    |                  |               | 1,362,010     | 0          | 19,783      | 0             | 0        | 6.316   |                   |      | 2,874      | 45, 115     | 10/02/2017 | 09/20/2039  |
| 89820X-AA-6    | TruPS Financials Note Se-TFINS 2020-2A A   | D             |             | 1.0 FE     | 1,320,790     | 89.8770    | 1,187,087        |               |               | 0          | 0           | 0             | 0        | 6.619   |                   | JAJ0 | 35,879     | 29,718      | 11/24/2020 | 07/15/2041  |
| 89821J-AA-6    | TruPS Financials Note Se-TFINS 2019-1A A   | D             |             | 1.0 FE     | 1,642,580     | 96.6305    |                  |               |               | 0          | 0           | 0             | 0        | 6.510   |                   |      | 27, 189    |             | 02/08/2019 | 02/02/2039  |
| 89822P-AA-1    | TruPS Financials Note Se-2020-1A A1        | D             | .           | 1.0 FE     | 1,714,202     | 93.5724    |                  |               |               | 0          | 0           | 0             | 0        | 7.079   |                   |      | 50,290     |             | 07/15/2020 | 04/15/2040  |
| 92919D-AC-2    | Voya CLO 2021-3 Ltd-VOYA 2021-3A B         | .     D       | ·   ·····   | 1.0 FE     | 948,000       | 94.9944    | 949,944          | 1,000,000     | 951,868       | 0          | 3,868       | 0             | 0        | 5.843   |                   | JAJ0 | 11,847     | 17,745      | 05/17/2022 | 01/20/2035  |
| 97315D-AG-2    | Wind River 2022-2 CLO Lt-WINDR 2022-2A B   | D             | ·   ·····   | 1.0 FE     |               | 98.6419    | 1,972,838        | 2,000,000     | 1,980,649     | 0          | 16,649      | 0             | 0        | 5.847   |                   |      | 62,044     | 1,673       | 07/28/2022 | 07/20/2035  |
| 97988W-AA-9    | Woodmont 2020-7 Trust-WDMNT 2020-7A A1A    | C             |             | 1.A FE     |               | 97 . 1503  | 2,914,509        | 3,000,000     | 3,000,000     | 0          | 0           | 0             | 0        | 5.979   |                   |      | 37,868     |             | 11/20/2020 | 01/15/2032  |
| 98878C-AA-4    | Z Capital Credit Partner-ZCCP 2018-1A A1   | D             | -           | 1.A FE     | 1,979,602     | 99.0099    | 1,960,002        | 1,979,602     | 1,979,602     | 0          | 0           | 0             | 0        | 5.849   |                   |      | 24,444     | 56, 179     | 11/29/2018 | 01/16/2031  |
| 38136N-AQ-9    | Goldentree Loan Manageme-GLM 2020-8A AR    | D             |             | 1.A FE     | 2,888,250     | 97.3433    | 2,920,299        | 3,000,000     | 2,891,080     | 0          | 2,830       | 0             | 0        | 5.393   |                   |      | 32,805     | 0           | 11/07/2022 | 10/20/2034  |
| 15186P-AA-6    | Centerbridge Credit Fund-CBCF 2021-1A A    | D             |             | 1.A FE     | 1,000,000     | 88.4658    | 884,658          | 1,000,000     | 1,000,000     | 0          | 0           | 0             | 0        | 3. 164  |                   |      | 5,801      | 31,640      | 04/08/2021 | 07/25/2039  |
| 15672R-AA-3    | Cerberus Loan Funding XX-CERB 2018-3A A1   | D             |             | 1.A FE     | 468 , 199     | 98.9926    | 463,482          | 468, 199      | 468 , 199     | 0          | 106         | 0             | 0        | 5.479   | 6.357             | JAJ0 | 5,416      | 11,373      | 06/29/2018 | 07/15/2030  |
|                | Subtotal - Bonds - Industrial and Miscell  | laneous (Ur   | naffiliated | d) - Other |               |            |                  |               |               |            |             |               |          |         |                   |      |            |             |            |             |
|                | d and Structured Securities                |               |             |            | 398,600,504   | XXX        | 372,306,740      | 402,251,238   | 398,979,699   | (229,031)  | 567,566     | 89,468        | 0        | XXX     | XXX               | XXX  | 3,006,207  | 11,256,560  | XXX        | XXX         |
|                | Total - Industrial and Miscellaneous (Un   | affiliated) B | Bonds       | _          | 2,025,182,560 | XXX        | 1,870,571,969    | 2,025,685,165 | 2,023,532,514 | (309,609)  | 903,409     | 1,359,201     | 0        | XXX     | XXX               | XXX  | 18,136,786 | 73,710,685  | XXX        | XXX         |
| 949746-TD-3    | Wells Fargo & Co-WFC 3.9 PERP              |               | . 2         | 2.B FE     |               | 86.8390    | 1,736,780        | 2,000,000     | 1,730,002     | 0          | 2           | 0             | 0        | 3.900   | 4.510             | JAJ0 | 3,467      | 19,500      | 09/26/2022 | 01/01/9999  |
| 369604-BQ-5    | General Electric Co-GE FLOAT PERP          |               | . 2         | 3.A FE     | 1,940,000     | 99.0000    | 1,980,000        | 2,000,000     | 1,939,963     | 0          | (37)        | 0             | 0        | 8.099   |                   | JAJ0 | 7,649      |             | 12/01/2022 | 01/01/9999  |
| 902973-BC-9    | US Bancorp-USB 3.7 PERP                    |               | . 2         | 2.A FE     |               | 81.8750    | 1,637,500        | 2,000,000     | 1,560,007     | 0          | 7           | 0             | 0        | 3.700   | 4.745             | JAJ0 | 15,622     | 0           | 11/02/2022 | 01/01/9999  |
| 06055H-AB-9    | Bank of America Corp-BAC 6 1/8 PERP        |               | . 2         | 2.C FE     | 1,970,000     | 97.6990    | 1,953,979        | 2,000,000     | 1,970,010     | 0          | 10          | 0             | 0        | 6. 125  | 6.218             | JAJ0 | 21,778     | 0           | 12/14/2022 | 01/01/9999  |
| 89832Q-AF-6    | Truist Financial Corp-TFC 5.1 PERP         |               | . 2         | 2.B FE     | 2,000,000     | 93.4531    | 1,869,061        | 2,000,000     | 2,000,000     | 0          | 0           | 0             | 0        | 5.100   | 5.100             | JJ   | 34,000     | 102,000     | 06/16/2020 | 01/01/9999  |
| 03765H-AE-1    | Apollo Management Holdin-SUBORDINATED      |               | . 2         | 2.B FE     |               | 83.8110    | 187,737          | 224,000       | 188 , 193     | 0          | 33          | 0             | 0        | 4.950   | 6.173             | JJ   | 431        | 5,544       | 12/05/2022 | 01/14/2050  |
| 59156R-BT-4    | MetLife Inc-MET 5 7/8 PERP                 |               | . 2         | 2.B FE     | 2,000,000     | 95.1104    | 1,902,209        | 2,000,000     | 2,000,126     | 0          | (53)        | 0             | 0        | 5.875   | 5 5.871           | JJ   | 34,597     | 117,500     | 03/20/2018 | 01/01/9999  |
| 534187-BR-9    | Lincoln National Corp-SENIOR UNSECURED     |               | . 2         | 2.C FE     | 437,000       | . 106.2000 | 464,094          | 437,000       | 437,000       | 0          | 0           | 0             | 0        | 9.250   | 9.252             | JJ   | 4,379      | 0           | 11/15/2022 | 01/01/9999  |
| 14387R-40-1    | Carolina First Mortgage -SUBORDINATED      |               |             | 1.F FE     | 3,066,250     | . 125.0000 | 2,500,000        | 20            | 2,734,423     | 0          | (331,827)   | 0             | 0        | 11. 125 | 5 5.471           | JAJ0 | 37,701     | 222,500     | 01/09/2019 | 01/31/2031  |
| 25746U-DM-8    | Dominion Energy Inc-D 4.35 PERP            |               | . 2         | 2.C FE     |               | 84.2043    | 1,684,086        | 2,000,000     | 1,679,948     | 0          | (52)        | 0             | 0        | 4.350   | 5.179             | JJ   | 18,367     | 0           | 11/16/2022 | 01/01/9999  |
| 29250N-BN-4    | Enbridge Inc-ENBCN 7 3/8 01/15/2083        | A             | . 2         | 2.C FE     | 2,000,000     | 97.4583    | 1,949,167        | 2,000,000     | 2,000,000     | 0          | 0           | 0             | 0        | 7.375   | 7.376             | JJ   | 41,382     | 0           | 09/15/2022 | 01/15/2083  |
| 89117F-8Z-5    | Toronto-Dominion Bank/Th-TD 8 1/8 10/31/   | A             | . 2         | 2.A FE     |               | . 104.0000 | 1,908,400        | 1,835,000     | 1,835,000     | 0          | 0           | 0             | 0        | 8. 125  | 5 8 .124          | JAJ0 | 30,647     | 0           | 10/06/2022 | 10/31/2082  |
| 29265W-AA-6    | Enel SpA-ENELIM 8 3/4 09/24/73             | D             | . 2         | 2.C FE     | 991,830       | . 100.2175 | 1,002,175        | 1,000,000     | 992, 121      | 0          | 8           | 0             | 0        | 8.750   | 8.818             | MS   | 23,576     | 87,503      | 09/17/2013 | 09/24/2073  |
| G7S40C-AG-8    | Rothesay Life PLC-ROTHLF 4 7/8 PERP        | D             | . 2         | 2.C FE     | 1,380,000     | 75.9450    | 1,518,899        | 2,000,000     | 1,379,793     | 0          | (207)       | 0             | 0        | 4.875   |                   | JJ   | 21, 125    | 0           | 10/11/2022 | 01/01/9999  |
| X10001-AA-7    | Allianz SE-ALVGR 3 1/2 PERP                | D             | . 2         | 1.F FE     | 1,697,500     | 84.2028    | 1,684,057        | 2,000,000     |               | 0          |             | 0             | 0        | 3.500   |                   |      | 46,861     | 0           | 11/30/2022 | 01/01/9999  |
| 654579-AH-4    | Nippon Life Insurance Co-SUBORDINATED      | D             | . 2         | 1.G FE     | 2.000.000     | 80.4026    | 1.608.052        | 2,000,000     | 2.000.000     | 0          | 0           | 0             | 0        | 2.750   |                   | JJ   | 24.444     | 55.000      | 01/13/2021 | 01/21/2051  |
|                | Subtotal - Bonds - Hybrid Securities - Is  | suer Obliga   | ations      |            | 26,475,740    |            | 25,586,196       | 25,496,020    | 26,144,118    | 0          | (332.084)   | 0             | 0        |         | XXX               | XXX  | 366,026    | 643,027     | XXX        | XXX         |
|                | Total - Hybrid Securities                  |               |             |            | 26,475,740    |            | 25,586,196       | 25,496,020    | 26,144,118    | 0          | (332.084)   | 0             | 0        | XXX     | XXX               | XXX  | 366,026    | 643.027     | XXX        | XXX         |
|                | Barings Clo Ltd 2022-II-BABSN 2022-2A A    | D             |             | 1.A FE     | 9,790,000     | 98.3511    | 9,835,110        | 10,000,000    | 9,856,615     | 0          | 66,615      | 0             | 0        | 4.276   | 6.062             | JAJ0 |            | 0           | 08/03/2022 | 07/15/2035  |
|                | Babson CLO Ltd/Cayman Is-BABSN 2022-4A B   | D             |             | 1.0 FE     | 6,937,488     | 99.2749    | 6,887,161        | 6 ,937 ,494   | 6,937,500     | 0          |             | 0             | 0        | 6.923   |                   | JAJ0 | 69,371     | 0           | 10/03/2022 | 10/20/2034  |
| 14499999999    | Subtotal - Bonds - Parent, Subsidiaries    | and Affiliate | es - Othe   | r Loan-    |               |            |                  |               |               |            |             |               |          |         |                   |      |            |             |            | 1           |
|                | Structured Securities                      |               |             |            | 16,727,488    | XXX        | 16,722,271       | 16.937.494    | 16,794,115    | 0          | 66.615      | 0             | 0        | XXX     | XXX               | XXX  | 471.903    | 0           | XXX        | XXX         |
|                | Total - Parent, Subsidiaries and Affiliate | s Bonds       |             |            | 16,727,488    | XXX        | 16,722,271       | 16.937.494    | 16,794,115    | 0          | 66,615      | 0             | 0        | XXX     | XXX               | XXX  | 471.903    | n           | XXX        | XXX         |
|                | Subtotal - Bonds - Unaffiliated Bank Loa   |               |             |            | 10,727,400    | XXX        | 0                | n,,           | 10,754,115    | 0          | 00,013      |               | 0        | XXX     | XXX               | XXX  | 171,300    | n           | XXX        | XXX         |
|                | Total - Issuer Obligations                 |               |             |            | 1,700,070,676 | XXX        | 1,565,691,894    | 1,659,853,243 | 1,691,449,715 | 0          | (2.151.864) |               | 0        | XXX     | XXX               | XXX  | 17,345,158 | 67,196,324  | XXX        | XXX         |
|                | Total - Residential Mortgage-Backed Se     | ecurities     |             |            | 155,799,882   | XXX        | 136,518,319      | 171,211,093   | 154, 132, 761 | (80,578)   | 675,210     | 1,269,733     | 0        |         | XXX               | XXX  | 672,999    | 4,616,442   | XXX        | XXX         |
|                | Total - Residential Mortgage-Backed Se     |               |             |            | 60,529,631    |            | 56,546,695       | 61,972,517    | 61,053,188    | (80,378)   | 360,014     | 1,209,733     | 0        | XXX     | XXX               | XXX  | 168,408    | 1,825,182   | XXX        | XXX         |
|                | Total - Other Loan-Backed and Structur     |               | 96          |            | 415.327.992   |            | 389.029.011      | 419.188.732   | 415.773.814   | (229.031)  | 634.181     | 89.468        | 0        |         | XXX               | XXX  | 3.478.110  | 11.256.560  | XXX        | XXX         |
|                | Total - SVO Identified Funds               | eu Seculiul   | <del></del> |            |               | XXX        | 389,029,011      | 419, 188, 732 | 415,773,814   | (229,031)  | 634, 181    |               | 0        |         | XXX               | XXX  | 3,4/8,110  | 11,200,000  | XXX        | XXX         |
|                |  |               |             |            |               | A A A      | n                | Λ.            | Λ.            |            |             |               |          | 1 AXX   |                   |      |            | ۸           | X          | ***         |

### **SCHEDULE D - PART 1**

| 1              | 2  |      | Cod | es   | 6        | 7             | Fa      | air Value     | 10            | 11            | Change     | in Book/Adj | usted Carryin | g Value  |      |           | Ir   | nterest    |             | Da       | tes         |
|----------------|--|------|-----|------|----------|---------------|---------|---------------|---------------|---------------|------------|-------------|---------------|----------|------|-----------|------|------------|-------------|----------|-------------|
|                |  | 3    | 4   | 5    |          |               | 8       | 9             |               |               | 12         | 13          | 14            | 15       | 16   | 17        | 18   | 19         | 20          | 21       | 22          |
|                |  |      |     |      | NAIC     |               |         |               |               |               |            |             |               |          |      |           |      |            |             |          |             |
|                |  |      |     |      | Desig-   |               |         |               |               |               |            |             |               |          |      |           |      |            |             |          |             |
|                |  |      |     |      | nation,  |               |         |               |               |               |            |             |               |          |      |           |      |            |             |          |             |
|                |  |      |     |      | NAIC     |               |         |               |               |               |            |             |               | Total    |      |           |      |            |             |          |             |
|                |  |      |     |      | Desig-   |               |         |               |               |               |            |             |               | Foreign  |      |           |      |            |             |          |             |
|                |  |      | F   |      | nation   |               |         |               |               |               |            |             | Current       | Exchange |      |           |      |            |             |          |             |
|                |  |      | 0   |      | Modifier |               |         |               |               |               |            |             | Year's        | Change   |      |           |      |            |             |          |             |
|                |  |      | r   |      | and      |               | Rate    |               |               |               |            | Current     | Other-        | in       |      |           |      |            |             |          |             |
|                |  | С    | е   |      | SVO      |               | Used to |               |               | Book/         | Unrealized | Year's      | Than-         | Book/    |      |           |      | Admitted   |             |          | Stated      |
|                |  | 0    | i   |      | Admini-  |               | Obtain  |               |               | Adjusted      | Valuation  | (Amor-      | Temporary     | Adjusted |      | Effective |      | Amount     | Amount      |          | Contractual |
| CUSIP          |  | d    | g   |      | strative | Actual        | Fair    | Fair          | Par           | Carrying      | Increase/  | tization)   | Impairment    | Carrying | Rate | Rate      | When | Due and    | Received    |          | Maturity    |
| Identification | Description                              | е    | n   | Char | Symbol   | Cost          | Value   | Value         | Value         | Value         | (Decrease) | Accretion   | Recognized    | Value    | of   | of        | Paid | Accrued    | During Year | Acquired | Date        |
| 2469999999.    | Total - Affiliated Bank Loans            |      |     |      |          | 0             | XXX     | 0             | 0             | 0             | 0          | 0           | 0             | 0        | XXX  | XXX       | XXX  | 0          | 0           | XXX      | XXX         |
| 2479999999.    | Total - Unaffiliated Bank Loans          |      |     |      |          | 0             | XXX     | 0             | 0             | 0             | 0          | 0           | 0             | 0        | XXX  | XXX       | XXX  | 0          | 0           | XXX      | XXX         |
| 2489999999.    | Total - Unaffiliated Certificates of Dep | osit |     |      |          | 0             | XXX     | 0             | 0             | 0             | 0          | 0           | 0             | 0        | XXX  | XXX       | XXX  | 0          | 0           | XXX      | XXX         |
| 2509999999     | - Total Bonds                            |      |     |      |          | 2,331,728,181 | XXX     | 2,147,785,919 | 2,312,225,585 | 2,322,409,478 | (309,609)  | (482,459)   | 1,359,201     | 0        | XXX  | XXX       | XXX  | 21,664,675 | 84,894,508  | XXX      | XXX         |

| 1.     |                        |                         |                       |                 |                |                    |                  |
|--------|------------------------|-------------------------|-----------------------|-----------------|----------------|--------------------|------------------|
| Line   | Book/Adjusted Carrying | Value by NAIC Designati | on Category Footnote: |                 |                |                    |                  |
| Number |                        |                         |                       |                 |                |                    |                  |
| 1A     | 1A\$ 409,617,161       | 1B\$82,097,078          | 1C\$ 172,742,183      | 1D\$ 76,619,144 | 1E\$86,486,591 | 1F \$ 212, 144,712 | 1G\$ 265,435,120 |
| 1B     | 2A\$ 350,315,531       | 2B\$ 420,329,164        | 2C\$ 215,961,253      |                 |                |                    |                  |
| 1C     | 3A\$ 10,748,699        | 3B\$ 2,022,328          | 3C\$7,589,990         |                 |                |                    |                  |
| 1D     | 4A\$ 1,100,596         | 4B\$3,294,340           | 4C\$ 2,387,256        |                 |                |                    |                  |
| 1E     | 5A\$3, 136,581         | 5B\$0                   | 5C\$261,710           |                 |                |                    |                  |
| 1F     | 6\$                    |                         |                       |                 |                |                    |                  |

### **SCHEDULE D - PART 2 - SECTION 1**

Showing All PREFERRED STOCKS Owned December 31 of Current Year

|             | _  |                 |                        |             |       |   |         |   | S Owned Dece | llibel 31 Ol C                          |             |              |            |             |                |               |          |          |            |
|-------------|--|-----------------|------------------------|-------------|-------|---|---------|---|--------------|---|-------------|--------------|------------|-------------|----------------|---------------|----------|----------|------------|
| 1           | 2  | Codes           | 5                      | 6           | 7     | 8                                       |         | air Value                               | 11           |   | Dividends   |              |            | Change in B | ook/Adjusted C | - , , ,       |          | 20       | 21         |
|             |  | 3 4             |                        |             |       |   | 9       | 10                                      |              | 12                                      | 13          | 14           | 15         | 16          | 17             | 18            | 19       | NAIC     |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          | Desig-   |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          | nation.  |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          | NAIC     |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               | Total    | Desig-   |            |
|             |  |                 |                        |             |       |   | D-4-    |   |              |   |             |              |            |             |                |               |          | nation   |            |
|             |  |                 |                        |             |       |   | Rate    |   |              |   |             |              |            |             | 0              |               | Foreign  |          |            |
|             |  |                 |                        |             |       |   | Per     |   |              |   |             |              |            |             | Current        |               | Exchange | Modifier |            |
|             |  |                 |                        | _           |       |   | Share   |   |              |   |             |              |            | Current     |                | otal Change   |          | and      |            |
|             |  |                 |                        | Par         |       | Book/                                   | Used to |   |              |   |             |              | Unrealized | Year's      | Other-Than-    | in            | Book/    | SVO      |            |
| CUSIP       |  |                 | Number                 | Value       | Rate  | Adjusted                                | Obtain  |   |              |   | Amount      | Nonadmitted  | Valuation  | (Amor-      | Temporary B    | ook/Adjusted  | Adjusted | Admini-  |            |
| Identi-     |  | For-            | of                     | Per         | Per   | Carrying                                | Fair    |   |              | Declared                                | Received    | Declared But | Increase/  | tization)   | Impairment C   | arrying Value | Carrying | strative | Date       |
| fication    | Description                              | Code eign       | Shares                 | Share       | Share | Value                                   | Value   | Fair Value                              | Actual Cost  | but Unpaid                              | During Year | Unpaid       | (Decrease) | Accretion   | Recognized (   | 15 + 16 - 17) | Value    | Symbol   | Acquired   |
| 534187-88-5 | Lincoln National Corp-PREFERRED STOCK    |                 | 80,000.000             | 25.00       | 0.000 | 2,000,000                               | 25.000  | 2,000,000                               | 2,000,000    | 0                                       | 0           | 0            | 0          | 0           | 0              | 0             | 0        | 2.C FE   | 11/15/2022 |
| 4019999999  | . Subtotal - Preferred Stock - Indus     | strial and Misc | ellaneous (Unaffiliate | d) Perpetua | al    |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
| Preferred   |  |                 | ,                      | , ,         |       | 2,000,000                               | XXX     | 2,000,000                               | 2,000,000    | 0                                       | 0           | 0            | 0          | 0           | 0              | 0             | 0        | XXX      | XXX        |
|             | Reinsurance Group of Ame-REINSURANCE GRO |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
| 759351-88-5 |  |                 | 80,000.000             | 25.00       | 0.000 | 2,000,000                               | 25.660  | 2,052,800                               | 2,000,000    | 0                                       | 44,333      | 0            | (502,597)  | 0           | 0              | (502,597      | 0        | 2.A FE   | 09/15/2022 |
| 4029999999  | . Subtotal - Preferred Stock - Indus     | strial and Misc | ellaneous (Unaffiliate | d) Redeem   | able  |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
| Preferred   |  |                 |                        | ,           |       | 2,000,000                               | XXX     | 2.052.800                               | 2.000.000    | 0                                       | 44.333      | 0            | (502.597)  | 0           | 0              | (502.597      | 0        | XXX      | XXX        |
| 4109999999  | . Total - Preferred Stock - Industria    | al and Miscella | neous (Unaffiliated)   |             |       | 4,000,000                               |         | 4,052,800                               | 4,000,000    | 0                                       | 44,333      | 0            | (502,597)  | 0           | 0              | (502.597      | 0        | XXX      | XXX        |
| 4409999999  | . Total - Preferred Stock - Parent,      | Subsidiaries a  | and Affiliates         |             |       | 0                                       | XXX     | 0                                       | 0            | 0                                       | 0           | 0            | 0          | 0           | 0              | 0             | 0        | XXX      | XXX        |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       | • |         | • |              |   |             |              |            |             |                |               |          |          |            |
| [·····      |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       | • |         | • |              | • |             |              |            |             |                |               | ·····    |          |            |
|             |  |                 |                        |             |       |   |         |   |              | • |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          | ·····      |
| [·····      |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                |               |          |          |            |
|             |  |                 |                        |             |       |   |         |   |              |   |             |              |            |             |                | <u></u>       |          |          |            |
| 4509999999  | - Total Preferred Stocks                 | ·               | ·                      |             |       | 4,000,000                               | XXX     | 4,052,800                               | 4,000,000    | 0                                       | 44,333      | 0            | (502,597)  | 0           | 0              | (502.597      | 0        | XXX      | XXX        |

| 1.     |                        |                           |                       |       |       |       |       |
|--------|------------------------|---------------------------|-----------------------|-------|-------|-------|-------|
| Line   | Book/Adjusted Carrying | Value by NAIC Designation | on Category Footnote: |       |       |       |       |
| Number |                        |                           |                       |       |       |       |       |
| 1A     | 1A\$0                  | 1B\$0                     | 1C\$0                 | 1D\$0 | 1E\$0 | 1F\$0 | 1G\$0 |
| 1B     | 2A\$                   | 2B\$0                     | 2C\$ 2,000,000        |       |       |       |       |
| 1C     | 3A\$0                  | 3B\$0                     | 3C\$0                 |       |       |       |       |
| 1D     | 4A\$0                  | 4B\$0                     | 4C\$0                 |       |       |       |       |
| 1E     | 5A\$0                  | 5B\$0                     | 5C\$0                 |       |       |       |       |
| 1F     | 6\$                    |                           |                       |       |       |       |       |

### **SCHEDULE D - PART 2 - SECTION 2**

Showing All COMMON STOCKS Owned December 31 of Current Year

|   |   | 0.4              | -                  | ^         |                           |            | TOCKS Owned D | CCCITIBCI OT OI |             |              | 01         |                   | r                  | .1 .                       | 4-7        | 1 40 1  |
|---|---|------------------|--------------------|-----------|---------------------------|------------|---------------|-----------------|-------------|--------------|------------|-------------------|--------------------|----------------------------|------------|---|
| 1                                       | 2   | Codes            | 5                  | ь         | Fa                        | ir Value   | 9             | 40              | Dividends   |              |            |                   | ljusted Carrying V |                            | 17         | 18  |
|   |   | 3 4              |                    |           | 7<br>Rate<br>Per<br>Share | 8          |               | 10              | 11          | 12           | 13         | 14 Current Year's |                    | 16  Total Foreign Exchange |            | NAIC Designation, NAIC Designation Modifier and |
|   |   |                  |                    | Book/     | Used to                   |            |               |                 |             |              | Unrealized | Other-Than-       | Total Change in    |                            |            | SVO   |
| CUSIP                                   |   |                  | Number             | Adjusted  | Obtain                    |            |               |                 | Amount      | Nonadmitted  | Valuation  | Temporary         | Book/Adjusted      | Book/Adjusted              |            | Admini-   |
| Identi-                                 |   | For-             | of                 | Carrying  | Fair                      |            |               | Declared        | Received    | Declared But | Increase/  | Impairment        | Carrying Value     | Carrying                   | Date       | strative  |
| fication                                | Description                                       | Code eign        | Shares             | Value     | Value                     | Fair Value | Actual Cost   | but Unpaid      | During Year | Unpaid       | (Decrease) | Recognized        | (13 - 14)          | Value                      | Acquired   | Symbol  |
|   | Bluestem Group Inc-COMMON STOCK                   |                  | 689.000            | 0         | 0.150                     | 0          | 0             | 0               | 0           | 0            | (124)      | 0                 | ( 124)             | 0                          | 12/31/2014 |   |
| 501999999999999999999999999999999999999 | 9. Subtotal - Common Stock - Industrial a<br>aded | nd Miscellaned   | ous (Unaffiliated) | 0         | xxx                       | 0          | 0             | 0               | 0           | 0            | (124)      | 0                 | (124)              | 0                          | XXX        | xxx   |
|   | 9. Total - Common Stock - Industrial and          | Miscellaneous    | (Unaffiliated)     | 0         | XXX                       | 0          | 0             | 0               | 0           | 0            | (124)      | 0                 | (124)              | 0                          | XXX        | XXX   |
|   | 9. Total - Common Stocks - Mutual Funds           |                  | (                  | 0         | XXX                       | 0          | 0             | 0               | 0           | 0            | 0          | 0                 | 0                  | 0                          | XXX        | XXX   |
|   | 9. Total - Common Stocks - Unit Investme          |                  |                    | 0         | XXX                       | 0          | 0             | 0               | 0           | 0            | 0          | 0                 | 0                  | 0                          |            | XXX   |
| 5809999999                              | 9. Total - Common Stocks - Closed-End F           | unds             |                    | 0         | XXX                       | 0          | 0             | 0               | 0           | 0            | 0          | 0                 | 0                  | 0                          | XXX        | XXX   |
| 5979999999                              | 9. Total - Common Stocks - Parent, Subs           | idiaries and Aff | filiates           | 0         | XXX                       | 0          | 0             | 0               | 0           | 0            | 0          | 0                 | 0                  | 0                          | XXX        | XXX   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   |                  |                    |           |                           |            |               |                 |             |              |            |                   |                    |                            |            |   |
|   |   | ]                |                    |           |                           | -          |               | -               |             |              |            | -                 |                    |                            |            |   |
|   | 9 - Total Common Stocks                           |                  |                    | 0         | XXX                       | 0          | 0             | 0               | 0           | 0            | (124)      | 0                 | (124)              | 0                          | XXX        | XXX   |
| 5999999999                              | 9 - Total Preferred and Common Stocks             |                  |                    | 4,000,000 | XXX                       | 4,052,800  | 4,000,000     | 0               | 44,333      | 0            | (502,721)  | 0                 | (502,721)          | 0                          | XXX        | XXX   |

| 1.     |   |
|--------|---|
| Line   | Book/Adjusted Carrying Value by NAIC Designation Category Footnote: |
| Number |   |
| 1A     | 1A\$  |
| 1B     | 2A\$  |
| 1C     | 3A\$  |
| 1D     | 4A\$  |
| 1E     | 5A\$  |
| 1F     | 6\$0  |

| 4                              | 0                        |         |            | ng-Term Bonds and Stocks ACQUIRED During Current Year |                       | 7           | 0          |  |
|--------------------------------|--------------------------|---------|------------|---|-----------------------|-------------|------------|--|
| 1<br>CUSIP                     | 2                        | 3       | 4<br>Date  | 5   | 6<br>Number of Shares | 7           | 8          | 9 Paid for Accrued Interest and        |
| Identification                 | Description              | Foreign | Acquired   | Name of Vendor  | of Stock              | Actual Cost | Par Value  | Dividends                              |
|                                | S INC-SENIOR UNSECURED   | . c.o.g | 03/03/2022 | DATIVA SECURITIES AME                                 | o. otook              |             | 300.000    | 6.25                                   |
|                                | ies Inc-SENIOR UNSECURE  |         | 03/04/2022 | CITIGROUP GLOBAL MAR                                  |                       | 1.125.408   | 1,200,000  |  |
| 008513-AB-9 Agree LP-SENIOR UN | NSECURED                 |         | 11/04/2022 | U. S. BANCORP   |                       |             | 4,871,000  |  |
| 015271-AR-0 Alexandria Real Es | state E-SENIOR UNSECURE  |         | 03/16/2022 | WELLS FARGO   |                       | 2,716,065   | 2,750,000  | 8,50                                   |
| 03522A-AH-3 Anheuser-Busch Cos | s LLC /-SENIOR UNSECURE  |         | 02/09/2022 | BRILEY  |                       | 4,548,960   | 4,000,000  |  |
|                                | n Trust-BHG 2022-A D     |         | 01/25/2022 | CREDIT SUISSE SECURI                                  |                       |             | 1,900,000  | r                                      |
|                                | n Trust-BHG 2022-A E     |         | 01/25/2022 | CREDIT SUISSE SECURI                                  |                       | 4,148,303   | 4,150,000  |  |
|                                | Ltd-BALLY 2022-19A A2    |         | 03/03/2022 | MORGAN  |                       | 2,000,000   | 2,000,000  | <br>I                                  |
|                                | unding -BAFC 2006-3 4A1  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       | 228,419     | 233,950    | 48                                     |
|                                | unding -BAFC 2006-1 1A2  |         | 01/10/2022 | CREDIT SUISSE SECURI BARCLAYS CAPITAL INC             |                       |             | 277,986    | 577                                    |
|                                | Loan T-BARC 2022-NOM1    |         | 08/29/2022 | BARCLAYS CAPITAL INC                                  |                       |             |            |  |
| 07386X-AH-9 Bear Stearns ALT-  | Loan T-BARC 2022-NOM1    |         | 06/29/2022 | VARIOUS   |                       |             |            |  |
|                                | ies Inc-SENIOR UNSECURE  |         | 03/15/2022 | VARIOUS   |                       | 5.924.674   |            | 5,204                                  |
|                                | Fundin-BRAVO 2022-NOM3   |         | 08/29/2022 | BOFAMILSEC .  |                       |             | 1,000,000  | 4,580                                  |
|                                | cial In-SENIOR UNSECURE  |         | 02/09/2022 | MORGAN  |                       | 5.751.850   | 5.000.000  |  |
| •                              | -Throug-CWHL 2007-14 A7  |         | 11/01/2022 | VARIOUS   |                       | 63,651      |            |  |
|                                | -Throug-CWHL 2007-J2 2A  |         | 11/01/2022 | VARIOUS   |                       |             | 161,892    | 35                                     |
| 12659J-AE-7 COLEM 2021-HLNE M  | lortgage-COLEM 2022-HLNE |         | 03/01/2022 | BARCLAYS CAPITAL INC                                  |                       | 4,791,147   | 5,000,000  | 4,94                                   |
| 12659J-AJ-6 COLEM 2021-HLNE M  | lortgage-COLEM 2022-HLNE |         | 03/01/2022 | BARCLAYS CAPITAL INC                                  |                       | 7,210,260   | 8,000,000  | 7,912                                  |
| 126694-CS-5 CHL Mortgage Pass- | -Throug-CWHL 2005-21 A1  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       | 666,790     | 811,548    |  |
| 126694-HP-6 CHL Mortgage Pass- | -Throug-CWHL 2005-25 A1  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       | 77,507      | 102,005    | 200                                    |
| 126694-LC-0 CHL Mortgage Pass- | -Throug-CWHL 2005-24 A3  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       |             |            | 746                                    |
| 12669G-3S-8 CHL Mortgage Pass- | -Throug-CWHL 2005-16 A2  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       | 204, 138    | 242,427    | 48                                     |
|                                | -Throug-CWHL 2005-J3 1A  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       | 221,694     | 261,931    | 520                                    |
| 142339-AJ-9 Carlisle Cos Inc-  |                          |         | 08/09/2022 | JP MORGAN SECURITIES                                  |                       |             | 3,250,000  |  |
|                                | cial Se-SENIOR UNSECURE  |         | 11/22/2022 | JP MORGAN SECURITIES                                  |                       |             | 2,200,000  | 2,096                                  |
|                                | ngs LLC-SENIOR UNSECURE  |         | 11/04/2022 | VARIOUS   |                       | 11,080,760  | 11,000,000 |  |
|                                | -Throug-CWHL 2006-17 A8  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       | 85,403      | 137, 194   | 434                                    |
| 171232-AQ-4 CHUBB CORP-SR UNSE |                          |         | 03/04/2022 | WELLS FARGO   |                       |             |            | 45,825                                 |
|                                | ITOR UNSECURED           |         | 02/08/2022 | CITIGROUP GLOBAL MAR                                  |                       | 5,455,200   | 5,000,000  | 79,66                                  |
|                                | g-SECURED                |         | 11/03/2022 | VARIOUS   |                       |             |            |  |
| 20030N-AK-7 COLI Funding LLC-0 | COLT 2022-4 A1           |         | 09/01/2022 | JP MORGAN SECURITIES                                  |                       | 5, 194, 175 | 5,306,947  |  |
|                                | e Secur-CAS 2022-R01 1M  |         | 02/08/2022 | BOFAMILSEC  |                       |             | 5,000,000  |  |
|                                | st Bost-CSFB 2005-7 1A1  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       |             |            |  |
| 278865-AV-2 Ecolab Inc-SENIOR  |                          |         | 11/22/2022 | JP MORGAN SECURITIES                                  |                       | 2.793.720   | 3.000.000  |  |
|                                | ias Co L-SENIOR UNSECURE |         | 02/08/2022 | JP MORGAN SECURITIES                                  |                       |             | 7.195.000  |  |
|                                | ts Oper-SENIOR UNSECURE  |         | 02/08/2022 | GOLDMAN   |                       | 6.644.895   | 5. 108.000 |  |
|                                | P-SENIOR UNSECURED       |         | 11/04/2022 | SUNTRUST CAPITAL MAR                                  |                       | 4,009,750   | 5,000,000  |  |
|                                | al Mort-EFMT 2022-1 M1   |         | 01/14/2022 | NOMURA SECURITIES IN                                  |                       | 5,749,903   | 5,750,000  |  |
|                                | tured A-STACR 2022-DNA1  |         | 01/18/2022 | NOMURA SECURITIES IN                                  |                       |             | 2,250,000  | ······································ |
| 36143L-2H-7 GA Global Funding  | Trust-SECURED            |         | 03/04/2022 | MORGAN  |                       | 3,798,480   | 4,000,000  | 19,978                                 |
| 361448-BG-7 GATX Corp-SENIOR U |                          |         | 03/04/2022 | CITIGROUP GLOBAL MAR                                  |                       |             | 900,000    |  |
| 36242D-VA-8 GSR Mortgage Loan  | Trust -GSR 2005-1F 1A6   |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       | 286,770     | 291,282    | 579                                    |
|                                | up Inc/-SENIOR UNSECURE  |         | 03/03/2022 | MORGAN  |                       | 959, 180    | 1,000,000  |  |
|                                | e-SENTOR UNSECURED       |         | 11/22/2022 | BOFAMLSEC   |                       |             | 3,000,000  |  |
|                                | merica-SENIOR UNSECURED  |         | 11/04/2022 | VARIOUS   |                       |             | 2,500,000  | 7,729                                  |
|                                | vors & -SENIOR UNSECURE  |         | 08/09/2022 | MORGAN  |                       | 7,217,760   | 8,250,000  | 48,70                                  |
|                                | e Trust-JPMMT 2005-S3 1  |         | 01/10/2022 | CREDIT SUISSE SECURI                                  |                       | 69,531      | 107,800    | 224                                    |
|                                | tive Lo-JPALT 2006-S3 A  |         | 10/01/2022 | VARIOUS   |                       | 0           | 3,467      |  |
|                                | e Trust-JPMMT 2007-S2 1  |         | 08/01/2022 | VARIOUS   |                       | 146,769     |            | 50                                     |
|                                | unding -JACK 2022-1A A2  |         | 02/02/2022 | GUGGENHEIM CAPITAL M                                  |                       | 5,000,000   | 5,000,000  | (                                      |
| 1                              | Inc-SENIOR UNSECURED     |         | 09/23/2022 | EXCHANGE OFFER  |                       |             | 5,000,000  | 52,08                                  |
| 472321-AH-1 Jefferies Resecur  | itizati-JMAC 2008-R2 2A  |         | 11/01/2022 | PAYUP   |                       | 0           | 3,909      |  |

|   |                          |         |                  | ng-Term Bonds and Stocks ACQUIRED During Current Year |                           |             | •          | •                         |
|---|--------------------------|---------|------------------|---|---------------------------|-------------|------------|---------------------------|
| 1   | 2                        | 3       | 4                | 5   | 6                         | 7           | 8          | 9<br>Paid for Accrued     |
| CUSIP<br>Identification   | Description              | Foreign | Date<br>Acquired | Name of Vendor  | Number of Shares of Stock | Actual Cost | Par Value  | Interest and<br>Dividends |
| 472321-AK-4 Jefferies Resecuri                                  | itizati-JMAC 2008-R2 3A  |         | 04/01/2022       | PAYUP   |                           |             | 988        |                           |
| 49271V-AN-0 Keurig Dr Pepper I                                  | Inc-SENIOR UNSECURED     |         | 03/03/2022       | MORGAN  |                           |             | 1,700,000  | 18,2                      |
| 49456B-AG-6 KINDER MORGAN INC/                                  | :/DELAWA-SENIOR UNSECURE |         | 02/08/2022       | RBC CAPITAL MARKETS                                   |                           |             |            |                           |
| 52107Q-AJ-4 Lazard Group LLC-S                                  | SENIOR UNSECURED         |         | 08/09/2022       | BARCLAYS CAPITAL INC                                  |                           |             | 3,000,000  | 53,2                      |
| 525241-AL-9 Lehman XS Trust 20                                  | 2007-1-LXS 2007-1 WF1    |         | 07/01/2022       | PAYUP   |                           | (3,728)     | (3,631)    |                           |
| 534187-BJ-7 Lincoln National (                                  | Corp-SENIOR UNSECURED    |         | 03/16/2022       | BNP PARIBAS   |                           |             | 5,400,000  |                           |
| 548661-DU-8 Lowe's Cos Inc-SE                                   | ENTOR UNSECURED          |         | 03/16/2022       | JANE  |                           |             | 1,800,000  |                           |
| 55903V-AG-8 Magallanes Inc-SEM                                  | NIOR UNSECURED           |         | 08/09/2022       | CITIGROUP GLOBAL MAR                                  |                           |             | 10,000,000 | 152,2                     |
|   | ngs Inc-SENIOR UNSECURE  |         | 11/04/2022       | MORGAN  |                           | 849,140     | 1,000,000  | 5,9                       |
| 570535-AU-8 Markel Corp-SENIOF                                  |                          |         | 03/15/2022       | GOLDMAN   |                           |             |            |                           |
|   | nance No-SENIOR UNSECURE |         | 11/22/2022       | BOFAMLSEC   |                           | 2,003,000   | 2,000,000  |                           |
| 617446-8U-6 Morgan Stanley-SEN                                  |                          |         | 03/16/2022       | MORGAN  |                           |             | 4,200,000  | 6,3                       |
|   | rtgage -MSM 2007-8XS A1  |         | 01/10/2022       | CREDIT SUISSE SECURI                                  |                           | 619,228     | 971,338    |                           |
|   | 2022-1-NBLY 2022-1A A2   |         | 01/11/2022       | IN-KIND TRANSFER                                      |                           | 7,000,000   | 7,000,000  |                           |
|   | ve Inc-SENIOR UNSECURED  |         | 03/04/2022       | CITIGROUP GLOBAL MAR                                  |                           |             | 1,700,000  |                           |
|   | ment Gr-OAKIG 2020-1A B  |         | 02/18/2022       | CREDIT SUISSE SECURI                                  |                           |             | 2,000,000  | 8                         |
|   | ist-OBX 2022-NQM2 A3     |         | 02/18/2022       | BARCLAYS CAPITAL INC                                  |                           | 9,515,790   | 9,557,000  | 24,3                      |
| 718546-AK-0 Phillips 66-SENIOF                                  |                          |         | 02/08/2022       | BARCLAYS CAPITAL INC                                  |                           |             | 5,000,000  | 54,8                      |
|   | SENTOR UNSECURED         |         | 03/03/2022       | WELLS FARGO   |                           |             | 1,400,000  |                           |
|   | ial 202-PROG 2022-SFR1   |         | 01/27/2022       | BARCLAYS CAPITAL INC                                  |                           | 9,896,409   | 10,000,000 |                           |
| 74340X-BX-8 Prologis LP-SENIOF                                  |                          |         | 10/06/2022       | EXCHANGE OFFER  |                           |             | 1,000,000  | 2,3                       |
|   | of Ame-SENIOR UNSECURE   |         | 08/09/2022       | WELLS FARGO   |                           |             | 8,160,000  | 76,0                      |
|   | 17-1A A1AB               |         | 07/07/2022       | WELLS FARGO   |                           |             | 1,500,000  | 7,9                       |
|   | Group -SENIOR UNSECURE   |         | 02/09/2022       | GOLDMAN   |                           |             | 4,000,000  | 42,8                      |
|   | oup LP-SENIOR UNSECURED  |         | 03/04/2022       | VARIOUS   |                           |             | 1,700,000  | 5,5                       |
| 84861T-AD-0 Spirit Realty LP-S                                  |                          |         | 03/03/2022       | MORGAN  |                           |             | 2,000,000  | 11,5                      |
|   | e US In-SENIOR UNSECURE  |         | 11/04/2022       | VARIOUS   |                           |             | 3,500,000  |                           |
|   | fortgage-SUMMT 2022-BVUE |         | 01/12/2022       | BARCLAYS CAPITAL INC                                  |                           | 5,008,780   | 5,000,000  | 10,2                      |
|   | fortgage-SUMMT 2022-BVUE |         | 01/12/2022       | BARCLAYS CAPITAL INC                                  |                           |             | 2,000,000  | 4, 1                      |
|   | ed Trus-TBW 2007-1 A2    |         | 01/10/2022       | CREDIT SUISSE SECURI                                  |                           | 500,534     | 1,695,306  | 2                         |
|   | red Trus-TBW 2007-1 A3   |         | 01/10/2022       | CREDIT SUISSE SECURI                                  |                           | 575,672     | 1,587,501  | 3,6                       |
|   | ist-TRK 2022-INV1 A3     |         | 02/02/2022       | MORGAN  |                           | 4,999,820   | 5,000,000  | 19,0                      |
|   | lit Corp-SENIOR UNSECURE |         | 11/22/2022       | BOFAMLSEC   |                           | 5,053,050   | 5,000,000  | 11,2                      |
|   | ISECURED                 |         | 03/04/2022       | U. S. BANCORP   |                           |             | 2,500,000  | 12, 1                     |
| 91159H-JB-7 US Bancorp-SUBORDI                                  |                          |         | 03/04/2022       | U. S. BANCORP   |                           | 941,310     | 1,000,000  | 8,6                       |
|   | p-SENIOR UNSECURED       |         | 02/08/2022       | RBC CAPITAL MARKETS                                   |                           |             | 2,000,000  | 11,0                      |
|   | tions I-SR UNSECURED     |         | 02/08/2022       | MILLENNIUM ADVISORS                                   |                           | 5,534,100   | 5,000,000  | 60,5                      |
|   | ion Tru-VERUS 2022-INV1  |         | 08/18/2022       | CREDIT SUISSE SECURI                                  |                           | 4,999,907   | 5,000,000  | 17,5                      |
|   | ion Tru-VERUS 2022-INV1  |         | 08/18/2022       | CREDIT SUISSE SECURI                                  |                           | 999,992     | 1,000,000  | 4,0                       |
| 92556H-AD-9 ViacomCBS Inc-SENI                                  |                          |         | 02/08/2022       | GOLDMAN   |                           | 10,664,000  | 10,000,000 | 94,5                      |
|   | of Amer-SENIOR UNSECURE  |         | 11/04/2022       | CITIGROUP GLOBAL MAR                                  |                           |             |            | 35,6                      |
| 92928Q-AF-5 WEA Finance LLC-SE                                  |                          |         | 03/15/2022       | CITIGROUP GLOBAL MAR                                  |                           |             | 2,000,000  | 17,8                      |
| 92940P-AG-9 WRKCo Inc-SENIOR L                                  |                          |         | 03/03/2022       | U. S. BANCORP   |                           |             | 470,000    | 3,2                       |
|   | LC-ZAXBY 2021-1A A2      |         | 02/18/2022       | BOFAMLSEC BOFAMLSEC                                   |                           | 3,910,853   |            |                           |
| 00121G-AA-6 AGL Core CLO 15 Lt<br>008511-AN-7 AGL CLO 7 Ltd-AGL | .td-AGL 2021-15A A1      |         | 07/06/2022       | BUFAMLSEC MITSUBISHI UFJ SEC I                        |                           |             |            |                           |
|   | 1d-ARES 2022-63A A1A     | D       | 07/07/2022       | MORGAN  |                           | 1.933.000   | 2.000.000  |                           |
| 039937-AE-7 ARES CLO-ARES 2022                                  | 2-63A B1                 | D       | 03/10/2022       | SG COWEN SECURITIES                                   |                           | 2,000,000   | 2,000,000  |                           |
| 04017W-AE-2 Ares LIV CLO Ltd-/                                  |                          | D       | 05/02/2022       | WELLS FARGO   |                           | 991,500     | 1,000,000  | 1,5                       |
|   | -ARES 2022-65A B         |         | 04/27/2022       | GOLDMAN   |                           |             | 1,000,000  |                           |
|   | d-SENIOR UNSECURED       | D       | 11/04/2022       | SUMRIDGE PARTNERS LL                                  |                           |             | 1,000,000  |                           |
|   | lit CLO -BCC 2020-4A B   | υ       | 07/07/2022       | WELLS FARGO BBC CAPITAL MARKETS                       |                           | 958,200     |            |                           |
|   | Ltd-BALLY 2021-6A B      | υ       | 04/26/2022       | HBC CAPITAL MARKETS  BBC CAPITAL MARKETS              |                           |             |            |                           |
|   | rtners -BSP 2020-22A BR  | n       | 02/18/2022       | CITIGROUP GLOBAL MAR                                  |                           |             |            |                           |
|   | XXXV Lt-BLUEM 2022-35A   | D       | 05/10/2022       | GOLDMAN   |                           | 1,700,000   | 1,700,000  |                           |
|   | unding -BDRVR 2020-1A B  | D       | 07/12/2022       | BOFAMLSEC   |                           | 744.640     | 800.000    |                           |

|                            |  | Sho     | wing All Lor     | ng-Term Bonds and Stocks ACQUIRED During Current Year |                           |                        |               |                           |
|----------------------------|--|---------|------------------|---|---------------------------|------------------------|---------------|---------------------------|
| 1                          | 2  | 3       | 4                | 5   | 6                         | 7                      | 8             | 9<br>Paid for Accrued     |
| CUSIP<br>Identification    | Description  | Foreign | Date<br>Acquired | Name of Vendor  | Number of Shares of Stock | Actual Cost            | Par Value     | Interest and<br>Dividends |
| 12555Q-AS-5                | CIFC Funding 2020-1 Ltd-CIFC 2020-1A BR  | D       | 05/12/2022       | BOFAMLSEC   |                           | 1,494,168              | 1,560,000     | 3,619                     |
| 12560E-AQ-9                | CIFC Funding 2020-III Lt-CIFC 2020-3A BR   | D       | 05/03/2022       | RBC CAPITAL MARKETS                                   |                           | 1,471,125              | 1,500,000     | 1,695                     |
| 12572G-AC-1                | CIFC Funding Ltd-CIFC 2022-5A B1   | D       | 06/13/2022       | MORGAN  |                           | 2,000,000              | 2,000,000     | 0                         |
| 13876N-AN-3<br>13877J-AC-5 |  | D       | 06/27/2022       | RBC CAPITAL MARKETS  RBC CAPITAL MARKETS              |                           | 1,891,720              | 2,000,000     | 11,435                    |
| 13877P-AC-1                | CANYC-2021-4A B  | D<br>D  | 05/24/2022       | MCRGAN  |                           | 1,192,188<br>1,308,762 |               | 8,309<br>3,226            |
| 143111-AC-6                |  | D       | 06/15/2022       | BARCLAYS CAPITAL INC                                  |                           | 2.000.000              | 2.000.000     |                           |
| 143122-AC-3                |  | D       | 05/09/2022       | MITSUBISHI UFJ SEC I                                  |                           | 1.367.867              | 1.395.000     | 9,991                     |
| 14316B-AQ-8                | CARLYLE US CLO 2019-1 LT-CGMS 2019-1A A2   | D       |                  | BARCLAYS CAPITAL INC                                  |                           | 1,888,750              | 2,000,000     | 21,310                    |
| 16409T-AE-9                | Chenango Park CLO Ltd-CHPRK 2018-1A A2   | D       |                  | RBC CAPITAL MARKETS                                   |                           | 988,000                | 1,000,000     | 1,225                     |
| 27829P-AN-6                | Eaton Vance CLO 2020-2 L-EATON 2020-2A B   | D       |                  | MITSUBISHI UFJ SEC I                                  |                           | 1,888,000              | 2,000,000     | 10,672                    |
| 29001X-AC-9                | ELM17 2022-4A B-ELM17 2022-4A B  | D       | 05/11/2022       | RBC CAPITAL MARKETS                                   |                           | 1,000,000              | 1,000,000     | 0                         |
| 29002G-AB-7                | Elmwood CLO IV Ltd-ELMW4 2020-1A A   | D<br>D  | 10/28/2022       | DEUTSCHE BANK SECURI CITIGROUP GLOBAL MAR             |                           |                        | 3,000,000     | 6,649<br>7,976            |
| 38136N-AQ-9                | Goldentree Loan Manageme-GLM 2020-8A AR  | D       | 11/07/2022       | WELLS FARGO   |                           |                        | 3,750,000     |                           |
| 48254G-AC-0                | KKR CLO 29 Ltd-KKR 29A B   | D       | 04/28/2022       | RBC CAPITAL MARKETS                                   |                           | 983,000                | 1,000,000     | 1,201                     |
| 48255E-AC-4                | KKR FINANCIAL CLO LTD-KKR 42A B  | D       | 04/27/2022       | CITIGROUP GLOBAL MAR                                  |                           | 2,000,000              | 2,000,000     | 0                         |
| 48255P-AC-9                | KKR CLO 41 Ltd-KKR 2022-41A B  | D       | 02/09/2022       | CREDIT SUISSE SECURI                                  |                           | 2,000,000              | 2,000,000     | 0                         |
| 55608J-AN-8                | Macquarie Group Ltd-SENIOR UNSECURED   | D       | 11/04/2022       | DEUTSCHE BANK SECURI                                  |                           | 896,597                | 991,000       | 5,253                     |
| 55821L-AC-8                | Madison Park Funding XXX-MDPK 2021-39A B   | υ       | 04/27/2022       | RBC CAPITAL MARKETS                                   |                           | 493,375                | 500,000       | 271                       |
| 58003U-AA-6                | MF1 2020-FL4 Ltd-MF1 2020-FL4 A Mitsubishi UFJ Financial-SENIOR UNSECURE             | C       | 08/15/2022       | VARIOUS   |                           | 0                      |               | 0                         |
| 60687Y-CL-1                | Mizuho Financial Group I-SENIOR UNSECURE   |         | 11/04/2022       | SMBC NIKKO SECURITIE                                  |                           |                        |               |                           |
| 64130H-AN-1                | Neuberger Berman Loan Ad-NEUB 2017-24A B   | D       | 10/27/2022       | RBC CAPITAL MARKETS                                   |                           |                        |               |                           |
| 64132D-AL-2                |  | D       |                  | MITSUBISHI UFJ SEC I                                  |                           | 1.418.040              | 1.500.000     | 8,759                     |
| 64133V-AC-1                | Neuberger Berman CLO Ltd-NEUB 2021-44A B   | D       |                  | MORGAN  |                           | 941,250                | 1,000,000     | 10,368                    |
| 64134M-AC-0                | Neuberger Berman Loan Ad-NEUB 2021-45A B   | D       |                  | MITSUBISHI UFJ SEC I                                  |                           | 1,891,000              | 2,000,000     | 10,455                    |
| 64134Q-AC-1                | Neuberger Berman Loan Ad-NEUB 2021-46A B   | D       | 05/26/2022       | WELLS FARGO   |                           | 960,800                | 1,000,000     | 3,089                     |
| 64135D-AA-3                | Neuberger Berman Loan Ad-NEUB 2022-47A A   | D       |                  | RBC CAPITAL MARKETS                                   |                           | 1,916,000              | 2,000,000     | 17,991                    |
| 64135D-AC-9<br>64135J-AC-6 | Neuberger Berman Loan Ad-NEUB 2022-47A B<br>Neuberger Berman Loan Ad-NEUB 2022-49A B | D       | 05/02/2022       | WELLS FARGO CITIGROUP GLOBAL MAR                      |                           | 981,500                | 1,000,000     | 3,527                     |
| 67098W-AN-1                | Neuberger berman Loan Ad-NEUb 2022-49A B<br>OHA Credit Funding 7 Ltd-OAKC 2020-7A AR | D       | 10/06/2022       | DEUTSCHE BANK SECURI                                  |                           | 960.330                | 1.000.000     |                           |
| 67113G-AC-1                | OHA Credit Funding 5 Ltd-OAKC 2020-5A A1   | D       | 10/06/2022       | BARCLAYS CAPITAL INC                                  |                           | 972.750                | 1,000,000     | 9,233                     |
| 69701R-AQ-0                | Palmer Square CLO 2020-3-PLMRS 2020-3A A   | D       | 06/15/2022       | MITSUBISHI UFJ SEC I                                  |                           | 964,000                | 1,000,000     |                           |
| 70470M-AE-5                | Peace Park CLO Ltd-PCEPK 2021-1A B1  | D       | 05/10/2022       | CITIGROUP GLOBAL MAR                                  |                           | 968,200                | 1,000,000     | 1,627                     |
| 74980P-AC-7                | ALM Ltd/KY-SERIES 21-14A CLASS A2  | D       | 10/07/2022       | MORGAN  |                           | 938,500                | 1,000,000     | 9,919                     |
| 74980Q-AE-1                | ALM Ltd/KY-PRAM 2021-17A A2  | D       | 04/28/2022       | MITSUBISHI UFJ SEC I                                  |                           | 986,350                | 1,000,000     | 1,272                     |
| 82670Q-AE-9                | Signal Peak CLO 9 Ltd-SPEAK 2021-9A B  | D       | 05/02/2022       | MITSUBISHI UFJ SEC I                                  |                           | 983,500                | 1,000,000     |                           |
| 82671C-AC-3<br>87168Y-AE-0 | Signal Peak CLO 10 Ltd-SPEAK 2021-10A B<br>Symphony CLO Ltd-SYMP 2022-31A B          | D       | 03/01/2022       | RBC CAPITAL MARKETS                                   |                           | 992,800                | 1,000,000     | 3,897                     |
| 92919D-AC-2                | Vova CLO 2021-3 Ltd-V0YA 2021-3A B   | D       | 05/17/2022       | MITSUBISHI UFJ SEC I                                  |                           | 948.000                | 1.000.000     |                           |
| 97315D-AG-2                | Wind River 2022-2 CLO Lt-WINDR 2022-2A B   | D       | 07/28/2022       | MITSUBISHI UFJ SEC I                                  |                           | 1,964,000              | 2,000,000     |                           |
| 984851-AG-0                |  | D       | 03/16/2022       | JP MORGAN SECURITIES                                  |                           | 4,747,250              | 5,000,000     |                           |
| 12564E-AA-0                | CIM Trust 2021-J2  |         | 10/25/2022       | CMONonAgency  |                           | (6,817)                | 0             | 0                         |
| 11099999999.               | Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)                       | '       |                  |   |                           | 384,506,753            | 392, 136, 280 | 2,159,686                 |
| 03765H-AE-1                | Apollo Management Holdin-SUBORDINATED  |         | 12/05/2022       | MORGAN  |                           | 188,160                | 224.000       |                           |
| 06055H-AB-9                | Bank of America Corp-BAC 6 1/8 PERP  |         | 12/14/2022       | BNP PARIBAS   |                           | 1.970.000              | 2.000.000     |                           |
| 14387R-40-1                | Carolina First Mortgage -SUBORDINATED  |         | 08/25/2022       | DIRECT  |                           | 0                      | 0             |                           |
| 25746U-DM-8                | Dominion Energy Inc-D 4.35 PERP  |         | 11/16/2022       | BOFAMLSEC   | •••••                     | 1,680,000              | 2.000.000     | 7,975                     |
| 369604-BQ-5                | General Electric Co-GE FLOAT PERP  |         | 12/01/2022       | MORGAN  | •••••                     | 1,940,000              | 2.000.000     | 29.802                    |
| 534187-BR-9                | Lincoln National Corp-SENIOR UNSECURED   |         | 12/01/2022       | MORIONIN BOFAMLSEC                                    |                           | 437,000                |               |                           |
| 902973-BC-9                | US Bancorp-USB 3.7 PERP  |         | 11/15/2022       | CITIGROUP GLOBAL MAR                                  |                           |                        |               |                           |
| 949746-TD-3                | Wells Faron & Co-WFC 3.9 PERP  |         | 09/26/2022       | ROFAM SEC   |                           |                        | 2,000,000     | 3,906                     |
| 949746-1D-3<br>29250N-BN-4 | Wells Fargo & Co-WFC 3.9 PEHP  | A       | 09/26/2022       | JP MORGAN SECURITIES                                  |                           |                        | 2,000,000     | 2,81/                     |
| 89117F-8Z-5                | Toronto-Dominion Bank/Th-TD 8 1/8 10/31/   | A       | 10/06/2022       | TORONTO DOMINION SEC                                  |                           |                        | 1.835.000     | n                         |
| G7S40C-AG-8                | Rothesay Life PLC-ROTHLE 4 7/8 PERP  | D       | 10/11/2022       | MORGAN  |                           | 1.380.000              | 2.000.000     | 0                         |
|                            | Allianz SE-ALVGR 3 1/2 PERP  | D       | 11/30/2022       | CITIGROUP GLOBAL MAR                                  |                           | 1,697,500              | 2,000,000     |                           |
|                            | Subtotal - Bonds - Hybrid Securities   |         |                  |   |                           | 16,417,660             | 18,496,000    | 144,618                   |
| 06759U-AA-1                | Barings Clo Ltd 2022-II-BABSN 2022-2A A  | D       |                  | BARCLAYS CAPITAL INC                                  |                           | 9,790,000              | 10,000,000    | 3,563                     |
|                            | Babson CLO Ltd/Cayman Is-BABSN 2022-4A B   | D       |                  | MORGAN  |                           | 6,937,500              | 6,937,500     | 0                         |
| 1509999999. 8              | Subtotal - Bonds - Parent, Subsidiaries and Affiliates                               |         |                  |   |                           | 16,727,500             | 16,937,500    | 3,563                     |
| 2509999997.                | Total - Bonds - Part 3   |         |                  |   |                           | 417,651,913            | 427,569,780   | 2,307,867                 |
|                            |  |         |                  |   |                           |                        |               |                           |

### **SCHEDULE D - PART 3**

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

|  |  |                | - · · · · · · · · · · · · · · · · · · · | ig Torri Boriae and election to agricult Barring Carron Tear |                  |             |             |                  |
|--|--|----------------|---|--|------------------|-------------|-------------|------------------|
| 1                                      | 2  | 3              | 4                                       | 5  | 6                | 7           | 8           | 9                |
|  |  |                |   |  |                  |             |             | Paid for Accrued |
| CUSIP                                  |  |                | Date                                    |  | Number of Shares |             |             | Interest and     |
| Identification                         | Description  | Foreign        | Acquired                                | Name of Vendor   | of Stock         | Actual Cost | Par Value   | Dividends        |
| 2509999998. Total - Bonds              | - Part 5   |                |   |  |                  | 4,814,000   | 5,000,000   | 33,420           |
| 2509999999. Total - Bonds              |  |                |   |  |                  | 422,465,913 | 432,569,780 | 2,341,287        |
| 534187-88-5 Lincoln Nationa            | I Corp-PREFERRED STOCK   |                | 11/15/2022                              | BOFAMLSEC  | 80,000.000       | 2,000,000   | 0.00        | 0                |
| 40199999999. Subtotal - Pre            | ferred Stocks - Industrial and Miscellaneous (Unaffiliated) Perpetua | l Preferred    |   |  |                  | 2,000,000   | XXX         | 0                |
| 759351-88-5 Reinsurance Gro            | up of Ame-REINSURANCE GRO  |                | 09/15/2022                              | WELLS FARGO  | 80,000.000       | 2,000,000   | 0.00        | 0                |
| 40299999999. Subtotal - Pre            | ferred Stocks - Industrial and Miscellaneous (Unaffiliated) Redeem   | able Preferred |   |  |                  | 2,000,000   | XXX         | 0                |
| 4509999997. Total - Preferr            | ed Stocks - Part 3   |                |   |  |                  | 4,000,000   | XXX         | 0                |
| 4509999998. Total - Preferr            | ed Stocks - Part 5   |                |   |  |                  |             | XXX         |                  |
| 45099999999. Total - Preferr           | ed Stocks  |                |   |  |                  | 4,000,000   | XXX         | 0                |
| 5989999997. Total - Comm               | on Stocks - Part 3   |                |   |  |                  | 0           | XXX         | 0                |
| 5989999998. Total - Comm               | on Stocks - Part 5   |                |   |  |                  |             | XXX         |                  |
| 5989999999. Total - Comm               | on Stocks  |                |   |  |                  | 0           | XXX         | 0                |
| 59999999999999999999999999999999999999 | ed and Common Stocks   |                |   |  |                  | 4,000,000   | XXX         | 0                |
| 6009999999 - Totals                    |  |                |   |  |                  | 426,465,913 | XXX         | 2.341.287        |

|                            |  |          |               | <u> </u>              | Showing All I | _ong-Term E | Sonds and Sto | cks SOLD, I | REDEEMED   |            |              |              |                |           |           |           |             |            |           |              |
|----------------------------|--|----------|---------------|-----------------------|---------------|-------------|---------------|-------------|------------|------------|--------------|--------------|----------------|-----------|-----------|-----------|-------------|------------|-----------|--------------|
| 1                          | 2  | 3        | 4             | 5                     | 6             | 7           | 8             | 9           | 10         | (          | Change In Bo | ook/Adjusted | Carrying Value | e         | 16        | 17        | 18          | 19         | 20        | 21           |
|                            |  | 1        |               |                       |               |             |               |             |            | 11         | 12           | 13           | 14             | 15        |           |           |             |            |           |              |
|                            |  |          |               |                       |               |             |               |             |            |            |              |              |                | Total     |           |           |             |            |           |              |
|                            |  |          |               |                       |               |             |               |             |            |            |              | Current      | Total          | Foreign   |           |           |             |            | Bond      |              |
|                            |  |          |               |                       |               |             |               |             |            |            |              | Year's       | Change in      | Exchange  | Book/     |           |             |            | Interest/ |              |
|                            |  |          |               |                       |               |             |               |             | Prior Year |            | Current      | Other-       | Book/          | Change in | Adjusted  | Foreign   |             |            | Stock     | Stated       |
|                            |  |          |               |                       |               |             |               |             | Book/      | Unrealized | Year's       | Than-        | Adjusted       | Book/     | Carrying  | Exchange  |             |            | Dividends | Con-         |
| CUSIP                      |  |          |               |                       | Number of     |             |               |             | Adjusted   | Valuation  | (Amor-       | Temporary    | Carrying       | Adjusted  | Value at  | Gain      | Realized    | Total Gain | Received  | tractual     |
| Identi-                    |  | For-     | Disposal      | Name                  | Shares of     | Con-        |               |             | Carrying   | Increase/  | tization)/   | Impairment   | Value          | Carrying  | Disposal  | (Loss) on | Gain (Loss) | (Loss) on  | During    | Maturity     |
| fication                   | Description                                | eign     | Date          | of Purchaser          | Stock         | sideration  | Par Value     | Actual Cost | Value      | Decrease   | Accretion    | Recognized   | (11+12-13)     | Value     | Date      | Disposal  | on Disposal | Disposal   | Year      | Date         |
| 373384-TL-0                | State of Georgia-GENERAL OBLIGATION UNLT   |          | 07/01/2022 .  | MATURITY              |               | 5,800,000   | 5,800,000     | 5,800,000   | 5,800,000  | 0          | 0            | 0            | 0              | 0         | 5,800,000 | 0         | 0           | 0          | 225,040   | 07/01/2022   |
| 605580-5Q-8                | State of Mississippi-GENERAL OBLIGATION    |          | 10/01/2022 .  | . CALL 100            |               | 76,000      | 76,000        | 84,492      | 80,902     | 0          | (398)        | ) 0          | (398)          | 0         | 80,504    | 0         | (4,504)     | (4,504)    | 4,210     | 10/01/2029   |
| 605580-6K-0                | State of Mississippi-GENERAL OBLIGATION    |          | 11/01/2022 .  | MATURITY              |               | 1,000,000   | 1,000,000     | 1,000,000   | 1,000,000  | 0          | 0            | 0            | 0              | 0         | 1,000,000 | 0         | 0           | 0          | 41,310    |              |
| 686053-GG-8                | Oregon School Boards Ass-GENERAL OBLIGAT   |          | 06/30/2022 .  | SINKING PAYMENT       |               | 316,486     | 316,486       | 350 , 173   |            | 0          | (18,258      | ) 0          | (18,258)       | 0         | 316,486   | 0         | 0           | 0          | 7,531     | 06/30/2028   |
| 87122N-EZ-8                | Sycamore Community City -GENERAL OBLIGAT   |          | 12/01/2022 .  | CALL 100              |               | 130,000     | 130,000       | 130,000     | 130,000    | 0          | 0            | 0            | 0              | 0         | 130,000   | 0         | 0           | 0          | 7,215     |              |
| 05099999                   | 99. Subtotal - Bonds - U.S. States, Te     | erritori | es and Pos    | sessions              |               | 7,322,486   | 7,322,486     | 7,364,665   | 7,345,646  | 0          | (18,656      | ) 0          | (18,656)       | 0         | 7,326,990 | 0         | (1,001)     | (4,504)    | 285,306   | XXX          |
| 442331-QM-9                | . HOUSTON TX-GENERAL OBLIGATION LTD        |          | 03/01/2022 .  | CALL 100              |               | 105,000     | 105,000       | 128,453     | 119,810    | 0          | (184         |              | (184)          | 0         | 119,626   | 0         | (14,626)    | (14,626)   | 3,302     |              |
| 602245-UM-2                | . County of Milwaukee WI-GENERAL OBLIGATIO |          | 12/01/2022 .  | SINKING PAYMENT       |               | 44,392      | 44,392        | 61,529      | 53,032     | 0          | (8,640       | ,            | (8,640)        | 0         | 44,392    | 0         | 0           | 0          | 3,036     |              |
| 718814-ZZ-2                | PHOENIX AZ-BUILD AMERICA GENERAL OBLIGAT   |          | 07/01/2022 .  | CALL 100              |               | 100,000     | 100,000       | 118,722     | 113,531    | 0          | (425)        | '            | (425)          | 0         | 113, 106  | 0         | (13, 106)   | (13, 106)  | 5,269     |              |
| 981305-SA-4                | City of Worcester MA-GENERAL OBLIGATION    |          | 01/01/2022 .  | . CALL 100            |               | 80,000      | 80,000        | 85,075      | 82,349     | 0          | (6           | ,            | (6)            | 0         | 82,343    | 0         | (2,343)     | (2,343)    | 2,528     |              |
| 07099999                   | 99. Subtotal - Bonds - U.S. Political S    | ubdiv    | isions of Sta | ates, Territories and | Possessions   | 329, 392    | 329,392       | 393,779     | 368,722    | 0          | (9,255       | ) 0          | (9,255)        | 0         | 359,467   | 0         | (30,075)    | (30,075)   | 14, 135   |              |
| 071239-DB-0                | Consolidated Government -REVENUE BONDS     |          | 01/15/2022 .  | CALL 100              |               | 1,000,000   | 1,000,000     | 1,000,000   | 1,000,000  | 0          | 0            |              | 0              | 0         | 1,000,000 | 0         | 0           | 0          | 22,850    |              |
| 130795-Z6-7                | California Statewide Com-REVENUE BONDS     |          | 05/15/2022 .  | CALL 100              |               | 35,000      | 35,000        | 48,431      | 46, 198    | 0          | ( 139        | '            | (139)          | 0         | 46,059    | 0         | (11,059)    | (11,059)   | 1,321     |              |
| 196479-F9-5                | Colorado Housing and Fin-REVENUE BONDS     |          | 12/01/2022 .  | CALL 100              |               | 278,865     | 278,865       | 287, 169    | 284, 150   | 0          | (306)        |              | (306)          | 0         | 283,844   | 0         | (4,979)     | (4,979)    | 4,312     | 03/01/2048   |
| 3133N3-U9-3                | . Freddie Mac Pool-FREDDIE MAC POOL-FR RE6 |          | 12/01/2022 .  | PAYDOWN               |               | 173,626     | 173,626       | 176,529     | 175,698    | 0          | (2,072)      | ) 0          | (2,072)        | 0         | 173,626   | 0         | 0           | 0          | 1,462     | 11/01/2049   |
| 3133N3-X2-5                | . Freddie Mac Pool-FREDDIE MAC POOL-FR RE6 |          | 12/01/2022 .  | PAYDOWN               |               | 349,947     | 349,947       | 347,650     | 347,743    | 0          | 2,204        | 0            | 2,204          | 0         | 349,947   | 0         | 0           | 0          | 3,073     | 05/01/2051   |
| 3133N3-X3-3                | . Freddie Mac Pool-FREDDIE MAC POOL-FR RE6 |          | 12/01/2022 .  | PAYDOWN               |               | 350, 115    | 350, 115      | 358,539     | 358,020    | 0          | (7,905)      | ) 0          | (7,905)        | 0         | 350 , 115 | 0         | 0           | 0          | 3, 157    | 05/01/2051   |
| 3133N3-XX-7                | Freddie Mac Pool-FREDDIE MAC POOL-FR RE6   |          | 12/01/2022 .  | PAYDOWN               |               | 789,266     |               | 781,866     |            | 0          | 7,042        | 0            | 7,042          | 0         | 789,266   | 0         | 0           | 0          | 6,899     | 04/01/2051   |
| 31383S-RS-1                | . Fannie Mae Pool-POOL #511797             |          | 12/01/2022 .  | PAYDOWN               |               | 2,848       | 2,848         | 2,848       | 2,800      | 0          | 49           | 0            | 49             | 0         | 2,848     | 0         | 0           | 0          | 115       |              |
| 31406J-2L-6                | Fannie Mae Pool-POOL #811779               |          | 12/01/2022 .  | PAYDOWN               |               | 4, 128      | 4, 128        | 4, 195      | 3,020      | 0          | 1,107        | 0            | 1,107          | 0         | 4, 128    | 0         | 0           | 0          | 118       | 01/01/2035 . |
| 3140HN-LY-6                | Fannie Mae Pool-POOL #BK8442               |          | 12/01/2022 .  | PAYDOWN               |               | 447,784     | 447,784       | 448,903     | 448,784    | 0          | (1,000)      | ) 0          | (1,000)        | 0         | 447,784   | 0         | 0           | 0          | 4,000     |              |
| 3140K0-EL-8                | Fannie Mae Pool-POOL #B04638               |          | 12/01/2022 .  | PAYDOWN               |               | 150,975     | 150,975       | 151,234     | 151, 102   | 0          | (127)        |              | (127)          | 0         | 150,975   | 0         | 0           | 0          | 1,015     |              |
| 3140QB-N5-3                | . Fannie Mae Pool-POOL #CA4011             |          | 12/01/2022 .  | PAYDOWN               |               | 55,773      | 55,773        | 56,644      | 56,362     | 0          | (590)        | ,            | (590)          | 0         | 55,773    | 0         | 0           | 0          | 608       |              |
| 3140QC-DT-0                | Fannie Mae Pool-POOL #CA4613               |          | 12/01/2022 .  | PAYDOWN               |               | 255, 151    | 255, 151      | 259, 190    | 257,804    | 0          | (2,654)      | ) 0          | (2,654)        | 0         | 255, 151  | 0         | 0           | 0          | 2,679     |              |
| 31418D-YR-7                | Fannie Mae Pool-POOL #MA4319               |          | 12/01/2022 .  | PAYDOWN               |               | 655,311     | 655,311       | 652,904     | 653,004    | 0          | 2,306        | 0            | 2,306          | 0         | 655,311   | 0         | 0           | 0          | 6,410     |              |
| 454624-U5-4                | . Indiana Bond Bank-REVENUE BONDS          |          | 07/15/2022 .  | CALL 100              |               | 705,000     | 705,000       | 720,841     | 708,247    | 0          | (471)        | ) 0          | (471)          | 0         | 707,776   | 0         | (2,776)     | (2,776)    | 21,834    |              |
| 56052F-BC-8                | Maine State Housing Auth-REVENUE BONDS     |          | 02/24/2022 .  | CALL 100              |               | 455,000     | 455,000       | 455,000     | 454,992    | 0          | (4           | ) 0          | (4)            | 0         | 454,987   | 0         | 13          | 13         | 4,491     | 11/15/2030   |
| 57419R-L6-0                | Maryland Community Devel-REVENUE BONDS     |          | 07/05/2022 .  | CALL 100              |               | 15,000      | 15,000        | 15,000      | 15,000     | 0          | 0            | 0            | 0              | 0         | 15,000    | 0         | 0           | 0          | 520       |              |
| 57419R-L7-8                | Maryland Community Devel-REVENUE BONDS     |          | 07/05/2022 .  | CALL 100              |               | 950,000     | 950,000       | 950,000     | 949,976    | 0          | 21           | J 0          | 21             | 0         | 949,997   | 0         | 3           | 3          | 25,931    |              |
| 57429L-AL-0                | Maryland State Transport-REVENUE BONDS     |          | 07/01/2022 .  | MATURITY              |               | 125,000     |               | 134,866     | 125,416    | 0          | (416)        | ) 0          | (416)          | 0         | 125,000   | 0         | 0           | 0          | 8, 100    |              |
| 575832-P4-6                | . Massachusetts State Coll-REVENUE BONDS   |          | 05/01/2022 .  | SINKING PAYMENT       |               | 85,000      | 85,000        | 85,000      | 85,000     | 0          | 0            | 0            | 0              | 0         | 85,000    | J0        | 0           | 0          | 2,460     |              |
| 575832-R2-8                | . Massachusetts State Coll-REVENUE BONDS   |          | 05/01/2022 .  | CALL 100              |               | 85,000      |               | 85,000      |            | 0          | 0            | 0            | 0              | 0         | 85,000    | 0         | 0           | 0          | 2,460     |              |
| 59465M-C8-6                | Michigan State Housing D-REVENUE BONDS     |          | 04/01/2022 .  | CALL 100              |               |             | 1,420,000     | 1,420,000   |            | 0          | 0            | 0            | J              | 0         | 1,420,000 | J0        | 0           | 0          | 38, 141   |              |
| 59465M-W9-2                | . Michigan State Housing D-REVENUE BONDS   |          | 06/01/2022 .  | CALL 100              |               | 400,000     | 400,000       | 400,000     | 400,005    | 0          | 3            | 0            | J 3            | 0         | 400,008   | J0        | (8)         | (8)        | 9,496     |              |
| 60416Q-HA-5                | Minnesota Housing Financ-REVENUE BONDS     |          | 12/01/2022 .  | CALL 100              |               | 223,087     |               | 223,087     | 223,087    | 0          | 0            | 0            | ļ0             | 0         | 223,087   | 0         | 0           | 0          | 3,517     | 03/01/2048   |
| 60416Q-HJ-6                | Minnesota Housing Financ-REVENUE BONDS     |          | 12/01/2022 .  | CALL 100              |               | 176,416     |               | 176,416     | 176,416    | 0          | 0            | 0            | 0              | 0         | 176,416   | 0         | 0           | 0          | 1,943     |              |
| 60636Y-KJ-9                | Missouri Housing Develop-REVENUE BONDS     |          | 07/13/2022 .  | CALL 100              |               |             |               |             |            | 0          | ļ0           | 0            | ļ0             | 0         | 75,000    | J0        | 0           | 0          | 3, 123    |              |
| 60636Y-KK-6                | Missouri Housing Develop-REVENUE BONDS     |          |               | CALL 100              |               |             | 95,000        |             | 95,000     | 0          | 0            | 0            | 0              | 0         |           | 0         | 0           | 0          | 4,339     |              |
| 647200-4S-0                | New Mexico Mortgage Fina-REVENUE BONDS     |          | 12/01/2022 .  | CALL 100              |               | 85,000      | 85,000        | 85,000      | 85,000     | 0          | 0            | ļ 0          | ļ 0            | 0         | 85,000    | J0        | 0           | 0          | 1,073     |              |
| 64972C-BD-4                | . New York City Housing De-REVENUE BONDS   |          | 12/15/2022 .  | CALL 100              |               | 9,330       | 9,330         | 9,330       | 9,330      | 0          | 0            | 0            | 0              | 0         | 9,330     | 0         | 0           | 0          | 156       |              |
| 649883-SJ-5                | . State of New York Mortga-REVENUE BONDS   |          | 10/01/2022 .  | VARIOUS               |               | 1,000,000   | 1,000,000     | 1,000,000   | 1,000,000  | 0          | 0            | 0            | 0              | 0         | 1,000,000 | 0         | 0           | 0          | 25,500    |              |
| 649902-S7-9                | . New York State Dormitory-REVENUE BONDS   |          | 03/15/2022 .  | MATURITY              |               | 2,000,000   | 2,000,000     | 2,000,000   | 2,000,000  | 0          | 0            | 0            | ļ              | 0         | 2,000,000 | J0        | 0           | 0          | 47,500    |              |
| 677377-2P-7                | Ohio Housing Finance Age-REVENUE BONDS     |          | 12/01/2022 .  | CALL 100              |               | 250,000     |               | 250,000     | 250,000    | 0          | 0            | 0            | 0              | 0         | 250,000   | 0         | 0           | 0          | 3,339     |              |
| 67756A-2P-6                | Ohio Higher Educational -REVENUE BONDS     |          | 01/01/2022 .  | MATURITY              |               | 1,000,000   | 1,000,000     | 1,000,000   | 1,000,000  | 0          | 0            | 0            | ļ              | 0         | 1,000,000 | J0        | 0           | 0          | 19,245    |              |
| 68607D-NC-5                | State of Oregon Departme-REVENUE BONDS     |          |               |                       |               | 2,000,000   | 2,000,000     | 2,000,000   | 2,000,000  | 0          | 0            | 0            |                | 0         | 2,000,000 | 0         | 0           | 0          | 97,660    |              |
| 686087-MP-9<br>690353-RX-7 | State of Oregon Housing -REVENUE BONDS     |          | 11/01/2022 .  | CALL 100              |               | 135,000     |               |             |            | 0          | 0            | J            | 0              | 0         | 135,000   | 0         | 0           | 0          | 4, 108    |              |
| 690353-XM-4                | United States Internatio-UNSECURED         |          |               | SINKING PAYMENI       |               | ,           |               |             | ,          | 0          | (2/          | / 0          | (2/)           | 0         | 133,208   | J         | 0           | 0          | , ,       |              |
| 690353-XM-4                | United States Internatio-SENIOR UNSECURE   |          | 12/15/2022 .  | ONL 400               |               | 114,286     |               | 114,286     | 114,286    | 0          | 0            | J            | ļ              |           | 275 000   | J         | 0           | J          | 2,564     |              |

|                            |  |              |              | ;                    | Showing All I      | Long-Term E        | Sonds and Sto | cks SOLD, F | REDEEMED          | or Otherwis | se DISPOS       | SED OF Dur | ring Current ` | Year      |                  |                                    |                            |                       |                |                  |
|----------------------------|--|--------------|--------------|----------------------|--------------------|--------------------|---------------|-------------|-------------------|-------------|-----------------|------------|----------------|-----------|------------------|------------------------------------|----------------------------|-----------------------|----------------|------------------|
| 1                          | 2  | 3            | 4            | 5                    | 6                  | 7                  | 8             | 9           | 10                |             |                 |            | Carrying Value |           | 16               | 17                                 | 18                         | 19                    | 20             | 21               |
|                            |  |              |              |                      |                    |                    |               |             |                   | 11          | 12              | 13         | 14             | 15        |                  |                                    |                            |                       |                |                  |
|                            |  |              |              |                      |                    |                    |               |             |                   |             |                 |            |                | Total     |                  |                                    |                            |                       |                |                  |
|                            |  |              |              |                      |                    |                    |               |             |                   |             |                 | Current    | Total          | Foreign   |                  |                                    |                            |                       | Bond           |                  |
|                            |  |              |              |                      |                    |                    |               |             |                   |             |                 | Year's     | Change in      | Exchange  | Book/            |                                    |                            |                       | Interest/      |                  |
|                            |  |              |              |                      |                    |                    |               |             | Prior Year        |             | Current         | Other-     | Book/          | Change in | Adjusted         | Foreign                            |                            |                       | Stock          | Stated           |
| OL LOID                    |  |              |              |                      |                    |                    |               |             | Book/             | Unrealized  | Year's          | _ Than-    | Adjusted       | Book/     | Carrying         | Exchange                           |                            | <b>-</b>              | Dividends      | Con-             |
| CUSIP                      |  |              | Diamaga      | Name                 | Number of          | 0                  |               |             | Adjusted          | Valuation   | (Amor-          | Temporary  | Carrying       | Adjusted  | Value at         | Gain                               | Realized                   | Total Gain            | Received       | tractual         |
| Identi-<br>fication        | Description  | For-<br>eian |              | Name<br>of Purchaser | Shares of<br>Stock | Con-<br>sideration | Par Value     | Actual Cost | Carrying<br>Value | Increase/   | tization)/      | Impairment |                | Carrying  | Disposal<br>Date | (Loss) on<br>Disposal              | Gain (Loss)<br>on Disposal | (Loss) on<br>Disposal | During<br>Year | Maturity<br>Date |
| 835574-CB-8                | County of Sonoma CA-REVENUE BONDS  | eign         | 12/01/2022 . | CALL 100             | Stock              | 145.000            |               |             | 151,177           | Decrease    | Accretion (584) | Recognized | (11+12-13)     | Value     | 150.593          | Disposai                           | (5.593)                    | (5,593)               | 8.700          |                  |
| 88275F-NU-9                | Texas Department of Hous-REVENUE BONDS   |              | 12/01/2022 . | CALL 100             |                    | 85,000             |               |             | 85,088            | 0           | (384)           | '          | (384)          |           | 85,075           |                                    | (5,593)                    | (5,593)               |                |                  |
| 91412G-GX-7                | University of California-REVENUE BONDS   |              | 05/15/2022 . | CALL 100             |                    | 60,000             | 60,000        |             | 61,926            |             | (60)            | '          | (60)           |           | 61.866           |                                    | (1.866)                    | (1,866)               | 1,380          |                  |
| 914440-KZ-4                | University of Massachuse-REVENUE BONDS   |              | 11/01/2022 . | MATURITY             |                    | 1,000,000          | 1,000,000     | 1,000,000   | 1,000,000         | 0           | 0               | 0          | 0              | 0         | 1,000,000        | 0                                  | (1,000)                    | 0                     |                |                  |
| 91754C-BL-3                | Utah State Board of Rege-REVENUE BONDS   |              | 04/01/2022 . | MATURITY             |                    | 1.000.000          | 1.000.000     | 1.000.000   | 1.000.000         | 0           | 0               | 0          | 0              | 0         | 1.000.000        | 0                                  | 0                          | 0                     |                |                  |
| 928075-FS-4                | Virginia Port Authority -REVENUE BONDS   |              | 07/01/2022   | MATURITY             |                    |                    | 1,250,000     | 1,250,000   | 1,250,000         | 0           | 0               | 0          | 0              | 0         | 1,250,000        | 0                                  | 0                          | 0                     |                |                  |
| 92812U-Q3-5                | Virginia Housing Develop-REVENUE BONDS   |              | 11/25/2022 . | CALL 100             |                    | 165,234            | 165,234       | 165,234     | 165,236           | 0           | 0               | 0          | 0              | 0         | 165,236          | 0                                  | (2)                        | (2)                   | 3,033          | 3 12/25/2043 .   |
| 92812U-Q4-3                | Virginia Housing Develop-REVENUE BONDS   |              | 11/25/2022 . | CALL 100             |                    | 93,433             | 93,433        | 93,433      | 93,433            | 0           | 0               | 0          | 0              | 0         | 93,433           | 0                                  | 0                          | 0                     | 1,546          | 6 10/25/2037 .   |
| 92812U-Q6-8                | Virginia Housing Develop-REVENUE BONDS   |              | 11/25/2022 . | CALL 100             |                    | 113,633            | 113,633       | 113,633     | 113,610           | 0           | 0               | 0          | 0              | 0         | 113,611          | 0                                  | 22                         | 22                    | 1,494          | 406/25/2041 .    |
| 92812U-Q7-6                | Virginia Housing Develop-REVENUE BONDS   |              | 11/25/2022 . | CALL 100             |                    | 94,980             | 94,980        | 94,980      | 94,980            | 0           | 0               | 0          | 0              | 0         | 94,980           | 0                                  | 0                          | 0                     | 1,023          |                  |
| 92813T-EE-6                | Virginia Housing Develop-REVENUE BONDS   |              | 11/25/2022 . | CALL 100             |                    | 87,236             | 87,236        | 87,236      | 87, 191           | 0           | 1               | 0          | 1              | 0         | 87, 192          | 0                                  | 44                         | 44                    | 1,379          |                  |
| 940093-R4-1                | Washington State Univers-REVENUE BONDS   |              | 10/01/2022 . | CALL 100             |                    | 360,000            | 360,000       | 465,761     | 407,466           | 0           | (5,656)         | ) 0        | (5,656)        | 0         | 401,810          | 0                                  | (41,810)                   | (41,810)              | 21,564         |                  |
|                            | 99. Subtotal - Bonds - U.S. Special R  | evenu        |              | T                    | 1                  | 20,914,632         | 20,914,632    | 21,087,618  | 20,992,005        | 0           | (9, 291)        | ) 0        | (9,291)        | 0         | 20,982,718       | 0                                  | (68,086)                   | (68,086)              | 546,316        |                  |
| 000366-AA-2                | AASET 2017-1 TRUST-SERIES 17-1A CLASS A  |              | 12/16/2022 . | PAYDOWN              |                    | 380,783            |               | 381,973     | 380,783           | 0           | 0               | 0          | 0              | 0         | 380,783          | 0                                  | 0                          | 0                     | 11,390         |                  |
| 00038R-AA-4                | Aaset 2019-2 Trust-AASET 2019-2 A  |              | 12/16/2022 . | PAYDOWN              |                    | 69,840             | 69,840        | 69,839      |                   | 0           | (1)             | ) 0        | 140            | 0         | 69,840           | 0                                  | 0                          | 0                     | 1,324          |                  |
| 001055-AM-4<br>00164T-AA-6 | Aflac Inc-SENIOR UNSECURED   |              | 09/30/2022 . | CALL 100             |                    | 2,000,000          |               | 1,997,980   | 1,999,380         | 0           | (3.478)         | 0          | (3,478)        |           | 1,999,520        |                                    | 480                        | 480                   |                |                  |
| 001641-AA-6<br>00192J-AA-4 | APS Resecuritization Tru-APS 2016-1 1A   |              | 12/01/2022 . | DAVDOWN              |                    |                    |               |             |                   | 0           |                 | ,          |                |           | 147,218          |                                    |                            | 0                     |                |                  |
| 001925-AA-4<br>00213R-AB-9 | ARL FIRST LLC-SECD RAIL CAR EQUIP NT CLA   |              | 12/01/2022 . | CALL 100             |                    | 3.500.000          | 3.500.000     | 3.469.688   | 3,496,176         |             |                 |            |                |           | 3.500.000        |                                    |                            |                       |                |                  |
| 00217L-AA-0                | AREIT 2019-CRE3 Trust-AREIT 2019-CRE3 A  |              | 12/16/2022 . | PAYDOWN              |                    | 371.661            |               | 371.661     | 371.661           | 0           | 0,024           | 0          | 0,024          | 0         | 371.661          |                                    | 0                          | 0                     | 3.490          |                  |
| 00255U-AA-3                | AASET 2020-1 Trust-AASET 2020-1A A   |              | 11/15/2022 . | PAYDOWN              |                    | 593.319            | 593,319       |             |                   | 0           | 2               | 0          | 2              | 0         | 593.319          | 0                                  | 0                          | 0                     | 9,257          |                  |
| 004375-FG-1                | ACCREDITED MORTGAGE LOAN-ACCR 2006-1 A4  |              | 12/27/2022   | PAYDOWN              |                    | 300.482            |               | 262,453     |                   | 0           | 10.815          | 0          | 10.815         | 0         | 300.482          | 0                                  | 0                          | 0                     |                |                  |
| 006346-AS-9                | ADAMS OUTDOOR ADV SECD REV NT SER 2018-1   |              | 12/15/2022 . | PAYDOWN              |                    | 50,977             | 50,977        | 51,248      | 51, 144           | 0           | (166)           | ) 0        | (166)          | 0         | 50,977           | 0                                  | 0                          | 0                     | 1,328          |                  |
| 007036-GS-9                | Adjustable Rate Mortgage-ARMT 2005-2 2A1   |              | 12/01/2022 . | PAYDOWN              |                    | 44, 145            | 44, 145       | 41,304      | 41,266            | 0           | 2,879           | 0          | 2,879          | 0         | 44, 145          | 0                                  | 0                          | 0                     | 754            | 406/01/2035 .    |
| 00846U-AJ-0                | Agilent Technologies Inc-SENIOR UNSECURE   |              | 05/04/2022 . | CALL 101.446         |                    | 3,043,380          | 3,000,000     | 2,986,320   | 2,997,579         | 0           | 422             | 0          | 422            | 0         | 2,998,001        | 0                                  | 45,379                     | 45,379                | 93,323         | 307/15/2023 .    |
| 021441-AF-7                | Altera Corp-SENIOR UNSECURED   |              | 09/06/2022 . | CALL 100.388         |                    | 2,007,760          | 2,000,000     | 1,974,860   | 1,994,512         | 0           | 1,896           | 0          | 1,896          | 0         | 1,996,408        | 0                                  | 11,352                     | 11,352                | 66,283         | 311/15/2023 .    |
| 02147W-AT-6                | Alternative Loan Trust 2-CWALT 2006-26CB   |              | 12/01/2022 . | PAYDOWN              |                    | 4,673              | 5,962         | 4,209       | 4,225             | 0           | 1,360           | 16         | 1,344          | 0         | 4,673            | 0                                  | 0                          | 0                     | 132            |                  |
| 02377B-AB-2                | AMER AIRLN 15-2 AA PTT-FIRST LIEN  |              | 09/22/2022 . | SINKING PAYMENT      |                    | 94,768             | 94,768        | 94,768      | 94,793            | 0           | (25)            | ) 0        | (25)           | 0         | 94,768           | 0                                  | 0                          | 0                     | 2,559          |                  |
| 02377U-AB-0                | AMERICAN AIRLINES 2013-2-FIRST LIEN  |              | 07/15/2022 . | SINKING PAYMENT      |                    | 21, 149            | 21, 149       | 21,149      | 21, 155           | 0           | (6)             | ) 0        | (6)            | 0         | 21, 149          | 0                                  | 0                          | 0                     | 789            |                  |
| 02660L-AA-8                | American Home Mortgage A-AHMA 2006-4 1A1   |              | 12/27/2022 . | PAYDOWN              |                    | 15,467             | 15,467        | 11,600      | 7,986             | 0           | 7,481           | 0          | 7,481          | 0         | 15,467           | 0                                  | 0                          | 0                     |                | , 20, 20 .0 .    |
| 02665U-AA-3<br>02665X-AA-7 | AMERICAN HOMES 4 RENT-SERIES 2014-SFR2 C   |              | 12/01/2022 . | PAYDOWN              |                    |                    |               |             |                   | 0           | 21              | J 0        | 21             | 0         | 18,072           | 0                                  | 0                          | 0                     |                |                  |
| 02666A-AA-6                | American Homes 4 Rent 20-AH4R 2014-SFR3  American Homes 4 Rent 20-AH4R 2015-SFR1     |              | 12/01/2022 . | DAYDOWN              |                    |                    |               |             | 63,440            | 0           | ( 122)          | / 0        | (122)          | 0         |                  |                                    | 0                          |                       |                |                  |
| 02666B-AA-4                | AMERICAN HOMES 4 RENT-SERIES 2015-SFR1   |              | 12/01/2022 . | PAYDOWN              |                    |                    | 48,694        |             |                   | 0<br>n      | 56              | 0          |                | 0         |                  | ۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰ |                            |                       | 184            |                  |
| 02666B-AG-1                | American Homes 4 Rent 20-AH4R 2015-SFR2  |              | 12/01/2022 . | PAYDOWN              |                    |                    |               |             |                   |             | n               | n          | n              | n         |                  | n                                  | n                          | n                     | 104            | 0 10/01/2052 .   |
| 037411-BE-4                | Apache Corp-SENIOR UNSECURED   |              | 03/21/2022   | CA CASH CLOSE        |                    | 1.563.750          | 1.500.000     | 1.497.675   | 1.498.535         | 0           |                 |            |                |           | 1.498.620        |                                    | 1.039                      | 1.039                 |                |                  |
| 038370-AA-0                | Aqua Finance Trust 2019—AQFIT 2019—A A   |              | 12/15/2022 . | PAYDOWN              |                    | 210,306            |               | 210,274     | 210,277           | 0           | 30              | 0          | 30             | 0         | 210,306          | 0                                  | 0                          | 0                     | 3,255          |                  |
| 038413-AA-8                | Aqua Finance Trust 2020—AQFIT 2020—AA A  |              | 12/17/2022 . | PAYDOWN              |                    | 479,551            | 479,551       |             | 479,471           | 0           | 80              | 0          | 80             | 0         | 479,551          | 0                                  | 0                          | 0                     | 4,423          |                  |
| 04685A-2B-6                | ATHENE GLOBAL FUNDING-SECURED  |              | 01/25/2022 . | MATURITY             |                    | 4,000,000          | 4,000,000     | 3,998,760   | 3,999,983         | 0           | 17              | 0          | 17             | 0         | 4,000,000        | 0                                  | 0                          | 0                     | 80,000         | 001/25/2022 .    |
| 05379B-AP-2                | Avista Corp-FIRST LIEN   |              | 04/01/2022 . | MATURITY             |                    | 3,000,000          | 3,000,000     | 2,993,100   | 2,999,832         | 0           | 168             | 0          | 168            | 0         | 3,000,000        | 0                                  | 0                          | 0                     | 76,875         | 504/01/2022 .    |
| 05533N-AJ-3                | BCAP LLC 2010-RR12 Trust-BCAP 2010-RR12  |              | 12/01/2022 . | PAYDOWN              |                    | 49,476             | 48,530        | 42,517      | 46,431            | 0           | 1,901           | 0          | 1,901          | 0         | 49,476           | 0                                  | 0                          | 0                     | 629            |                  |
| 05541D-AU-0                | BCAP LLC 2012-RR8 Trust-BCAP 2012-RR8 4A   |              | 12/20/2022 . | PAYDOWN              |                    | 110,953            | 110,953       | 91,675      | 107,281           | 0           | 3,672           | 0          | 3,672          | 0         | 110,953          | 0                                  | 0                          | 0                     | 314            |                  |
| 058931-AD-8                | Banc of America Funding -BAFC 2006-3 2A1   |              | 12/01/2022 . | PAYDOWN              |                    | 19,996             | 24,031        | 19,599      | 17,230            | 0           | 5,979           | 0          | 5,979          | 0         | 19,996           | 0                                  | 0                          | 0                     | 559            |                  |
| 058931-AT-3                | Banc of America Funding -BAFC 2006-3 4A1   |              | 12/01/2022 . | PAYDOWN              |                    | 24,140             | 24, 140       | 23,553      | 0                 | 0           | 586             | 16         | 570            | 0         | 24, 140          | 0                                  | 0                          | 0                     | 227            |                  |
| 05949A-H8-6<br>05949A-H9-4 | Banc of America Mortgage-BOAMS 2005-A 2A   |              | 12/01/2022 . | PAYDOWN              |                    | 28,682             | 28,682        | 27,732      |                   | 0           | 882             | 0          | 882            | 0         | 28,682           | 0                                  | 0                          | 0                     | 236            |                  |
| 05949A-H9-4<br>05949C-GW-0 | Banc of America Mortgage-BOAMS 2005-A 2A<br>Banc of America Mortgage-BOAMS 2005-8 A9 |              | 12/01/2022 . | PATDUWN              |                    | 25,097             | 25,097        | 24,438      |                   | 0           | 495             | 0          | 495            | 0         | 25,097           | 0                                  | 0                          | 0                     | 207            |                  |
| 05949C-GW-0<br>05949C-HM-1 | Banc of America Mortgage-BOAMS 2005-8 A9   |              | 12/01/2022 . | PAYDOWN              |                    |                    |               | 12,912      |                   | 0           | 4.941           |            |                | u         |                  | u                                  |                            |                       |                |                  |
| 05949C-KS-4                | Banc of America Mortgage-BOAMS 2005-1 1A   |              | 12/01/2022 . | PAYDOWN              |                    | 1.397              | 1.398         |             | 1.433             | n           | 4,941           |            | (35)           | n         | 1.397            | n                                  | n                          | n                     |                | 711/01/2035 .    |
| - 30 100 NO T              |  |              |              |                      |                    |                    |               |             | , 100             |             |                 | , ,        |                |           |                  |                                    |                            |                       |                |                  |

|                            |  | _    |              |                        |           |             |             | cks SOLD, I |             |            |            |            |                |           | 40          | 47        | 40          | 10         |           |             |
|----------------------------|--|------|--------------|------------------------|-----------|-------------|-------------|-------------|-------------|------------|------------|------------|----------------|-----------|-------------|-----------|-------------|------------|-----------|-------------|
| 1                          | 2  | 3    | 4            | 5                      | 6         | 7           | 8           | 9           | 10          |            | <u> </u>   |            | Carrying Value |           | 16          | 17        | 18          | 19         | 20        | 21          |
|                            |  |      |              |                        |           |             |             |             |             | 11         | 12         | 13         | 14             | 15        |             |           |             |            |           |             |
|                            |  |      |              |                        |           |             |             |             |             |            |            | 0          | T-4-1          | Total     |             |           |             |            | Dand      |             |
|                            |  |      |              |                        |           |             |             |             |             |            |            | Current    | Total          | Foreign   | Daal./      |           |             |            | Bond      |             |
|                            |  |      |              |                        |           |             |             |             | D. S. W. W. |            |            | Year's     | Change in      | Exchange  | Book/       |           |             |            | Interest/ | 01.1.1      |
|                            |  |      |              |                        |           |             |             |             | Prior Year  |            | Current    | Other-     | Book/          | Change in | Adjusted    | Foreign   |             |            | Stock     | Stated      |
|                            |  |      |              |                        |           |             |             |             | Book/       | Unrealized | Year's     | _ Than-    | Adjusted       | Book/     | Carrying    | Exchange  |             |            | Dividends | Con-        |
| CUSIP                      |  | 1_   | l            |                        | Number of | _           |             |             | Adjusted    | Valuation  | (Amor-     | Temporary  | Carrying       | Adjusted  | Value at    | Gain      | Realized    | Total Gain | Received  | tractual    |
| Identi-                    |  | For- |              | Name                   | Shares of | Con-        |             |             | Carrying    | Increase/  | tization)/ | Impairment |                | Carrying  | Disposal    | (Loss) on | Gain (Loss) | (Loss) on  | During    | Maturity    |
| fication                   | Description                                | eign | Date         | of Purchaser           | Stock     | sideration  | Par Value   | Actual Cost | Value       | Decrease   | Accretion  | Recognized | (11+12-13)     | Value     | Date        | Disposal  | on Disposal | Disposal   | Year      | Date        |
| 05949T-AX-7                | Banc of America Funding -BAFC 2006-1 1A2   |      | 12/01/2022 . | . PAYDOWN              |           | 87,122      | 87, 122     | 95,095      | 0           | 0          | (7,973     | ) 0        | (7,973)        | 0         | 87, 122     |           | 0           | 0          | 3, 172    | 201/01/2036 |
| 05951F-AB-0                | Banc of America Funding -BAFC 2007-1 TA1   |      | 12/01/2022 . | . PAYDOWN              |           | 13, 191     | 13,353      | 12,685      | 10,449      | 0          | 2,907      | 0          | 2,907          | 0         | 13, 191     |           | 0           | 0          | 409       | 01/01/2037  |
| 05951U-AC-5                | . Banc of America Funding -BAFC 2006-8T2 A |      | 12/01/2022 . | PAYDOWN                |           | 2,069       | 2,048       | 1,938       | 1,529       | 0          | 523        | 0          | 523            | 0         | 2,069       |           | 0           | 0          | 49        | 10/01/2036  |
| 059522-AU-6                | . Banc of America Funding -BAFC 2007-C 1A2 |      | 12/01/2022 . | PAYDOWN                |           | 77,483      | 79,676      | 73,483      | 72,660      | 0          | 6,781      | 0          | 6,781          | 0         | 77,483      |           | 0           | 0          | 1,034     | 105/01/2036 |
| 05953Y-AH-4                | . Banc of America Funding -BAFC 2007-4 TA1 |      | 12/01/2022 . | PAYDOWN                |           | 10,903      | 10,664      | 9,319       | 9,075       | 0          |            | 0          | 1,635          | 0         | 10,903      |           | 0           | 0          | 244       | 105/01/2037 |
| 05990H-AH-6                | Banc of America Funding -BAFC 2010-R2 1A   | 1    | 12/01/2022 . | . PAYDOWN              |           |             | 71, 131     | 45,006      | 40,215      | 0          | 29,865     | 0          | 29,865         | 0         | 68,559      |           | 0           | 0          | 2,028     | 308/01/2037 |
| 05990H-AQ-6                | Banc of America Funding -BAFC 2010-R2 3A   |      | 12/01/2022 . | PAYDOWN                |           | 35,523      | 35,523      | 34,535      | 33,817      | 0          | 1,706      | 0          | 1,706          | 0         | 35,523      |           | 0           | 0          | 399       |             |
| 06744D-AA-7                | Barclays Mortgage Loan T-BARC 2022-NQM1    |      | 12/01/2022   | PAYDOWN                |           | 70,486      |             |             | 0           | 0          | 1,316      | 0          | 1,316          | 0         | 70,486      |           | 0           | 0          | 629       |             |
| 06744D-AB-5                | Barclays Mortgage Loan T-BARC 2022-NQM1    | l    | 12/01/2022   | PAYDOWN                |           | 70,486      |             | 67,812      | 0           | 0          | 2,673      | 0          |                | 0         | 70,486      |           | 0           | 0          | 629       |             |
| 07384M-S7-8                | Bear Stearns ARM Trust 2-BSARM 2004-5 2A   | l    | 12/01/2022 . | PAYDOWN                |           | 65.674      | 65,674      |             |             | 0          | 769        | 0          | 769            | 0         | 65.674      |           |             |            | 684       |             |
| 07384Y-KF-2                | Bear Stearns Asset Backe-BSABS 2003-AC4    |      | 12/01/2022 . | PAYDOWN                |           | 69.043      | 69,043      |             |             | n          | 644        | n          | 644            | n         | 69.043      |           | n           | n          | 1.271     |             |
| 07386X-AH-9                | Bear Stearns ALT-A Trust-BALTA 2007-1 21   | 1    | 12/01/2022   | PAYDOWN                |           | 67.650      |             |             |             | n          | 23.065     | 2.254      |                | n         | 67.650      |           | n           | n          | 1,271     |             |
| 084423-AC-6                | W R Berkley Corp-SENIOR UNSECURED          |      | 01/01/2022 . | MATURITY               |           | 1.000.000   | 1,000,000   | 977,500     | 1,000,000   | n          | n          | n          | 0,011          | n         | 1.000.000   |           | 0           | n          | 43.500    |             |
| 09748R-AA-6                | Bojangles Issuer LLC-BOJA 2020-1A A2       | 1    | 10/20/2022   | DAVDOWAL               |           | 18.750      |             |             |             |            |            |            | 0              |           |             |           |             |            | 539       |             |
| 10569J-AB-6                | BRAVO Residential Fundin-BRAVO 2022-NQM3   |      | 12/01/2022 . | DAVDOWN                |           | 39.228      | 39,228      |             | 10,730      | 0          | 155        |            | 155            |           | 39.228      |           |             |            | 445       |             |
| 120568-BA-7                | Bunge Ltd Finance Corp-SENIOR UNSECURED    |      | 03/10/2022 . | . PAYDUMN              |           | 2.095.987   | 2.000.000   | 1.997.560   | 1.999.015   | 0          | 100        | 0          | 100            |           | 1.999.189   |           | 00.700      | 96.798     |           |             |
|                            | g  |      | 05/15/2022 . | . CALL 104.799337      |           |             |             |             |             | 0          | 1/4        | 0          | 1/4            | 0         |             |           | 96,798      | 96,798     | 42,292    |             |
| 12326Q-AA-2<br>12327F-AA-5 | Business Jet Securities -BJETS 2019-1 A    |      | 12/15/2022 . | . PAYDOWN              |           | 466,413     |             |             |             | 0          | (1         | ) 0        | (1)            | 0         | 466,413     |           | 0           | 0          | 22,209    |             |
|                            | Business Jet Securities -BJETS 2020-1A A   |      |              | . PAYDUWN              |           | 533,532     | 533,532     |             |             | 0          | 5          | 0          | 5              | 0         |             |           | 0           | 0          | 10,315    |             |
| 12479R-AD-9                | . CAPITAL AUTOMOTIVE REIT-SERIES 17-1A CLA |      | 03/15/2022 . | . PAYDOWN              |           | 904,478     | 904,478     | 904,216     | 904,310     | 0          | 168        | 0          | 168            | 0         | 904,478     |           | 0           | 0          | 8,937     |             |
| 12529L-AA-8                | CFMT 2020-HB4 LLC-CFMT 2020-HB4 A          |      | 12/25/2022 . | . PAYDOWN              |           | 1,651,530   | 1,651,530   | 1,651,529   | 1,639,383   | 0          | 12,147     | 0          | 12,147         | 0         | 1,651,530   |           | 0           | 0          | 7,570     |             |
| 12531W-BA-9                | CFCRE 2016-3 MTG TR PASS THRU CTF CL A-2   |      | 12/01/2022 . | . PAYDOWN              |           | 54,939      | 54,939      | 55,488      | 55, 140     | 0          | (201       | ) 0        | (201)          | 0         | 54,939      |           | 0           | 0          | 1, 176    |             |
| 125431-AH-9                | . CHL Mortgage Pass-Throug-CWHL 2006-HYB4  |      | 12/01/2022 . | . PAYDOWN              |           | 29,658      | 29,543      | 28,898      | 16,237      | 0          | 13,314     | 0          | 13,314         | 0         | 29,658      |           | 0           | 0          | 419       |             |
| 12544D-AG-4                | . CHL Mortgage Pass-Throug-CWHL 2007-14 A7 |      | 12/01/2022 . | . PAYDOWN              |           | 4,667       | 5,589       | 3,905       | 0           | 0          | 1,374      | 126        |                | 0         | 4,667       |           | 0           | 0          | 169       |             |
| 12544H-BF-6                | CHL Mortgage Pass-Throug-CWHL 2007-HY7 A   |      | 12/01/2022 . | . PAYDOWN              |           | 4,834       | 1,939       | 2,424       | 2,424       | 0          | 1,895      | 0          | 1,895          | 0         | 4,834       |           | 0           | 0          | 41        | 111/01/2037 |
| 12545E-AK-2                | CHL Mortgage Pass-Throug-CWHL 2007-J2 2A   |      | 10/01/2022 . | . PAYDOWN              |           | 2,544       | 2,545       | 1,358       | 0           | 0          | 1,168      | 27         | 1,141          | 0         | 2,544       |           | 0           | 0          | (26       |             |
| 12563L-AS-6                | CLI Funding VI LLC-2020-3A A               |      | 12/18/2022 . | PAYDOWN                |           | 113,333     | 113,333     | 113,310     | 113,311     | 0          | 22         | 0          | 22             | 0         | 113,333     |           | 0           | 0          | 1,259     |             |
| 12564E-AA-0                | CIM Trust 2021-J2-CIM 2021-J2 A1           |      | 12/01/2022 . | PAYDOWN                |           | 234,498     | 234,498     | 237 , 136   | 237, 115    | 0          | (2,617)    | '          | (2,617)        | 0         | 234,498     |           | 0           | 0          | 2,592     |             |
| 12564K-AA-6                | CIM Trust 2021-J1-CIM 2021-J1 A1           |      | 12/01/2022 . | . PAYDOWN              |           | 132,873     | 132,873     | 136,361     | 136,291     | 0          | (3,419     | ,          | (3,419)        | 0         | 132,873     |           | 0           | 0          | 1,282     |             |
| 12566U-AE-4                | CitiMortgage Alternative-CMALT 2007-A2 1   |      | 12/01/2022 . | . PAYDOWN              |           | 20,437      | 24,774      | 24,651      | 25,045      | 0          | (138       | )394       | (532)          | 0         | 20,437      |           | 0           | 0          | 612       | 202/01/2037 |
| 12566U-AN-4                | CitiMortgage Alternative-CMALT 2007-A2 1   |      | 12/01/2022 . | PAYDOWN                |           | 73,847      | 86,719      | 80,497      | 86,583      | 0          | 4,873      | 6,116      | (1,243)        | 0         | 73,847      |           | 0           | 0          | 2,048     | 02/01/2037  |
| 12593F-BC-7                | COMM 2015-LC21 Mortgage -COMM 2015-LC21    |      | 09/01/2022 . | . PAYDOWN              |           | 208,040     | 208,040     | 209,397     | 208,504     | 0          | (464       | ) 0        | (464)          | 0         | 208,040     |           | 0           | 0          | 4,222     | 207/01/2048 |
| 12624K-AD-8                | COMM 2012-CCRE2 MORTGAGE-COMM 2012-CR2 A   |      | 06/01/2022 . | PAYDOWN                |           | 4,000,000   | 4,000,000   | 4,099,741   | 4,001,628   | 0          | (1,628     | ) 0        | (1,628)        | 0         | 4,000,000   |           | 0           | 0          | 46,513    | 08/01/2045  |
| 12625U-BF-9                | COMM 2013-CCRE9 Mortgage-COMM 2013-CR9 A   |      | 12/01/2022 . | PAYDOWN                |           | 1, 199, 355 | 1, 199, 355 | 1,244,289   | 1,205,970   | 0          | (6,615     | ) 0        | (6,615)        | 0         | 1, 199, 355 |           | 0           | 0          | 43,217    | 707/01/2045 |
| 12628L-AD-2                | CSAB Mortgage-Backed Tru-CSAB 2006-4 A2A   |      | 12/01/2022 . | PAYDOWN                |           | 52,625      | 52,625      | 15,214      |             | 0          | 37,319     | 894        | 36,425         | 0         | 52,625      |           | 0           | 0          | 396       | 12/01/2036  |
| 12632Q-AW-3                | COMM 2014-CCRE18 Mortgag-COMM 2014-CR18    |      | 05/01/2022 . | PAYDOWN                |           | 12,581      | 12,581      | 12,706      | 12,598      | 0          | (17        | ) 0        | (17)           | 0         | 12,581      |           | 0           | 0          | 186       | 07/01/2047  |
| 12638P-AB-5                | CSMC Mortgage-Backed Tru-CSMC 2007-3 1A1   |      | 12/01/2022 . | PAYDOWN                |           | 39, 104     | 39, 104     | 13,864      | 13,909      | 0          | 25,266     | 72         | 25, 194        | 0         | 39, 104     |           | 0           | 0          | 285       |             |
| 12641P-AF-1                | CSMC Series 2009-6R-CSMC 2009-6R 1A4       |      | 01/10/2022   | . CREDIT SUISSE SECURI |           | 41,426      | 38,952      |             |             | 0          | (13        | ) 0        | (13)           | 0         | 41,411      |           | 15          | 15         | 261       |             |
| 12641P-AG-9                | CSMC Series 2009-6R-CSMC 2009-6R 1A5       |      | 01/10/2022   | . CREDIT SUISSE SECURI |           | 129,387     |             | 129,387     |             | 0          | (50        |            | (50)           | 0         | 129,329     |           | 58          | 58         | 805       |             |
| 12641P-AH-7                | CSMC Series 2009-6R-CSMC 2009-6R 1A6       |      | 01/10/2022   | . CREDIT SUISSE SECURI |           |             |             |             |             |            | (73        | '          | (73)           |           | 133.582     |           | 85          | 85         | 805       |             |
| 12641P-AN-4                | CSMC Series 2009-6R-CSMC 2009-6R 2A3       | 1    | 01/01/2022   | PAYDOWN                |           | 51.388      |             | 53.723      | 53.721      | 0          | (2.333     | '          | (2.333)        | 0         | 51.388      |           | 0           |            | 2.429     |             |
| 12641P-AP-9                | CSMC Series 2009-6R-CSMC 2009-6R 2A4       | 1    | 01/10/2022   | . CREDIT SUISSE SECURI |           | 253.702     | 240.000     | 253,702     |             | 0          | (74        | '          | (74)           | n         | 253.616     | (         | 86          | 86         | 440       |             |
| 12641P-AQ-7                | CSMC Series 2009-6R-CSMC 2009-6R 2A5       | 1    | 01/10/2022 . | . CREDIT SUISSE SECURI |           | 286.013     |             | 286.013     |             | n          | 366        | n          | 366            | n         | 286 . 440   |           | (427)       | (427)      | 660       |             |
| 12641P-AR-5                | CSMC Series 2009-6R-CSMC 2009-6R 2A6       |      | 01/10/2022 . | . CREDIT SUISSE SECURI |           | 89.164      |             |             |             | n          | 000        | n          | n              |           |             |           | (68)        | )(427)     |           |             |
| 12641P-BB-9                | CSMC Series 2009-6R-CSMC 2009-6R 4A5       |      | 01/10/2022 . | . CREDIT SUISSE SECURI |           | 69, 751     | 87.293      |             | 69,766      |            | 0          |            | 07             |           | 69,232      |           | (00)        | ,(00)      | 546       |             |
| 12641P-BB-9                | CSMC Series 2009-6R-CSMC 2009-6R 4A6       | 1    | 01/10/2022 . | . CREDIT SUISSE SECURI |           | 7.755       |             | 7.755       |             |            |            |            | 01             |           | 7.792       |           | (37)        | (37)       | ე40       | 211/01/2035 |
| 12641P-BC-7                | CSMC Series 2009-6R-CSMC 2009-6R 6A4       |      | 01/10/2022 . | . CREDIT SUISSE SECURI |           |             |             |             |             |            | 31         |            | 40             |           | 104,145     |           | (14)        | )(37)      | 195       |             |
| 12641P-BP-8<br>12641P-BQ-6 | 1  |      | 01/10/2022 . |                        |           |             |             | , .         |             | J          | 12         | 0          | 12             |           |             |           | (14)        | / (14)     | 195       |             |
|                            | CSMC Series 2009-6R-CSMC 2009-6R 6A5       |      |              | . CREDIT SUISSE SECURI |           |             | 80,000      | 69,272      | 69,281      | J          | 54         | 0          | 54             | 0         | 69,335      |           | (100)       |            | 14/       | 709/01/2035 |
| 12641P-BR-4                | CSMC Series 2009-6R-CSMC 2009-6R 6A6       |      | 01/10/2022 . | . CREDIT SUISSE SECURI |           | 34,841      |             | 34,841      | 34,841      | 0          | 120        |            | 24 979         | 0         | 34,961      |           | (120)       | (120)      | 112       | 209/01/2035 |
|                            | LLSML SAFIAS ZHUM-7R-CSML ZHUM-7R 343      |      | 01/01/2022   | LVARIUUS               | 1         |             |             | i 65 6/Ω    |             | . 0        | 24 4/9     | . 0        | 24 4/9         | . 0       | 40 649      |           |             |            | (24 155   |             |

|                            |  | ,    |            |                        |           | Long-Term E | onds and Sto |                  |            |            |            |            |                |           |          | ,         |             |            |            |              |
|----------------------------|--|------|------------|------------------------|-----------|-------------|--------------|------------------|------------|------------|------------|------------|----------------|-----------|----------|-----------|-------------|------------|------------|--------------|
| 1                          | 2  | 3    | 4          | 5                      | 6         | 7           | 8            | 9                | 10         |            |            |            | Carrying Value |           | 16       | 17        | 18          | 19         | 20         | 21           |
|                            |  | 1    |            |                        |           | 1           |              |                  |            | 11         | 12         | 13         | 14             | 15        |          |           |             |            |            |              |
|                            |  |      |            |                        |           |             |              |                  |            |            |            |            |                | Total     |          |           |             |            |            |              |
|                            |  |      |            |                        |           |             |              |                  |            |            |            | Current    | Total          | Foreign   |          |           |             |            | Bond       |              |
|                            |  |      |            |                        |           |             |              |                  |            |            |            | Year's     | Change in      | Exchange  | Book/    |           |             |            | Interest/  |              |
|                            |  |      |            |                        |           |             |              |                  | Prior Year |            | Current    | Other-     | Book/          | Change in | Adjusted | Foreign   |             |            | Stock      | Stated       |
|                            |  |      |            |                        |           |             |              |                  | Book/      | Unrealized | Year's     | Than-      | Adjusted       | Book/     | Carrying | Exchange  |             |            | Dividends  | Con-         |
| CUSIP                      |  | _    |            |                        | Number of | _           |              |                  | Adjusted   | Valuation  | (Amor-     | Temporary  | Carrying       | Adjusted  | Value at | Gain      | Realized    | Total Gain | Received   | tractual     |
| Identi-                    |  | For- |            | Name                   | Shares of | Con-        |              |                  | Carrying   | Increase/  | tization)/ | Impairment |                | Carrying  | Disposal | (Loss) on | Gain (Loss) | (Loss) on  | During     | Maturity     |
| fication                   | Description  | eign |            | of Purchaser           | Stock     | sideration  | Par Value    | Actual Cost      | Value      | Decrease   | Accretion  | Recognized | (11+12-13)     | Value     | Date     | Disposal  | on Disposal | Disposal   | Year       | Date         |
| 12641Q-AF-9                | CSMC Series 2009-7R-CSMC 2009-7R 4A2   |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 28,843      | 39,906       | 28,843           | 28,851     | 0          | 47         | 0          | 47             | 0         | 28,899   |           |             | 0          | 279        |              |
| 12641Q-AG-7                | CSMC Series 2009-7R-CSMC 2009-7R 4A3   |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 27,231      | 50,000       | 27,231           | 27,246     | 0          | 92         | 0          | 92             | 0         | 27,338   |           |             | 0          | 350        |              |
| 12641Q-AH-5                | CSMC Series 2009-7R-CSMC 2009-7R 4A4   |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 27,231      | 50,000       | 27,231           | 27,246     | 0          | 92         | 0          | 92             | 0         | 27,338   |           |             | 0          | 350        |              |
| 12641Q-AJ-1                | CSMC Series 2009-7R-CSMC 2009-7R 4A5   |      | 01/10/2022 | . VARIOUS              |           | 10,734      | 30,516       | 10,734           | 10,746     | 0          | 75         | 0          | 75             | 0         | 10,821   |           |             | 0          | 214        |              |
| 12641Q-AQ-5                | CSMC Series 2009-7R-CSMC 2009-7R 5A3   |      | 01/01/2022 | . VARIOUS              |           | 106,565     | 106,565      | 112, 180         | 112, 175   | 0          | (5,610     | '          | (5,610)        | 0         | 106,565  | 0         | 0           | 0          | 5,810      |              |
| 12641Q-AR-3                | CSMC Series 2009-7R-CSMC 2009-7R 5A4   |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 133,509     | 180,000      | 133,509          | 133,547    | 0          | 225        | 0          | 225            | 0         | 133,772  | 0         | (263)       | (263)      | 330        |              |
| 12641Q-AS-1                | CSMC Series 2009-7R-CSMC 2009-7R 5A5   |      | 01/10/2022 | . CREDIT SUISSE SECURI | -         | 44,007      |              | 44,007           | 44,044     | 0          | 216        | J 0        | 216            | 0         | 44,260   |           |             | 0          | 171        | 11/01/2035 . |
| 12641Q-AX-0                | CSMC Series 2009-7R-CSMC 2009-7R 6A2   |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 128,262     | 119,767      | 128,262          |            | 0          | (46        | ,          | (46)           | ļ0        | 128,216  | J0        | 46          | 46         | 220        |              |
| 12641Q-AY-8                | CSMC Series 2009-7R-CSMC 2009-7R 6A3   |      | 01/10/2022 | VARIOUS                | -         | 93,883      |              | 93,883           | 93,883     | 0          | 232        | 0          | 232            | 0         | 94, 115  | 0         | (232)       | (232)      | 262        |              |
| 12641Q-BF-8<br>12641Q-BX-9 | CSMC Series 2009-7R-CSMC 2009-7R 7A4   |      | 01/10/2022 | VARIOUS                | -         |             |              |                  |            | 0          | 232        | 0          | 232            | 0         | 85,673   | 0         | (270)       | (270)      | 243        |              |
| 12641Q-BX-9                | CSMC Series 2009-7R-CSMC 2009-7R 9A4   |      | 01/10/2022 | VARIOUS                |           |             |              |                  |            | 0          | 14         | 0          | 14             |           | 298.267  |           | (14)        | (14)       | 1.944      | ,,           |
| 12641Q-CS-9                | CSMC Series 2009-7R-CSMC 2009-7R 11A2  |      | 01/10/2022 | VARIOUS                |           |             |              |                  |            | 0          | 177        | 0          | 177            |           |          |           | (23)        | (25)       |            |              |
| 12641Q-CX-8                | CSMC Series 2009-7R-CSMC 2009-7R 12A3  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 65.041      |              |                  |            |            | 177        |            | 39             |           | 65.087   |           |             |            |            | 06/01/2037 . |
| 12641Q-CY-6                | CSMC Series 2009-7R-CSMC 2009-7R 13A3  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 43.780      |              |                  |            |            |            |            |                |           | 43.879   |           |             |            | 197        | 06/01/2037 . |
| 126410-CZ-3                | CSMC Series 2009-7R-CSMC 2009-7R 13A4  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 41,833      |              | 41,833           |            | 13,239     | 204        |            | 204            |           | 42.037   |           | (204)       | (204)      | 187        | 06/01/2037 . |
| 12641Q-DH-2                | . CSMC Series 2009-7R-CSMC 2009-7R 13A4  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 633.703     |              | 633.703          |            | 0          | 1.540      | 0          | 1.540          |           | 635.243  | 0         | (1.540)     | (1.540)    | 3 112      | 04/01/2037 . |
| 12641Q-EB-4                | CSMC Series 2009-7R-CSMC 2009-7R 17A2  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 249.589     |              |                  |            | 0          | 34         | 0          | 34             | 0         | 249.623  | 0         | (34)        | (34)       | 30         | 03/26/2037 . |
| 12641Q-EC-2                | CSMC Series 2009-7R-CSMC 2009-7R 17A3  |      | 01/26/2022 | . VARIOUS              |           |             | 540,000      | 450,067          |            | 0          | 45.191     | 0          | 45, 191        | 0         |          | 0         | (265)       | (265)      | 31         | 03/26/2037 . |
| 12641Q-ED-0                | CSMC Series 2009-7R-CSMC 2009-7R 17A4  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 7.077       |              | 7.077            | 7.077      | 0          | 1 120      | 0          | 1 120          | 0         | 8.197    | 0         | (1, 120)    | (1.120)    | 32         | 03/26/2037 . |
| 12641Q-EE-8                | CSMC Series 2009-7R-CSMC 2009-7R 17A5  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 6.279       | 300.000      | 6.279            | 6,279      | 0          | 1.231      | 0          | 1.231          | 0         |          | 0         | (1,231)     | (1,231)    |            | 03/26/2037 . |
| 12641Q-EF-5                | CSMC Series 2009-7R-CSMC 2009-7R 17A6  | l    | 01/10/2022 | . CREDIT SUISSE SECURI |           |             | 600.000      |                  |            | 0          | 2.461      | 0          | 2.461          | 0         | 15.019   | 0         | (2,461)     | (2.461)    | 71         | 03/26/2037 . |
| 12641Q-EL-2                | CSMC Series 2009-7R-CSMC 2009-7R 18A2  |      | 01/10/2022 | VARIOUS                |           |             | 162,665      |                  | 159,542    | 0          | 14         | 0          | 14             | 0         | 159.557  | 0         | (17)        | (17)       | 528        | 03/01/2037 . |
| 12641Q-EM-0                | CSMC Series 2009-7R-CSMC 2009-7R 18A3  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 218,736     | 270,000      | 218,736          | 218,736    | 0          | 231        | 0          | 231            | 0         | 218,967  | 0         | (231)       | (231)      | 877        |              |
| 12641Q-EN-8                | CSMC Series 2009-7R-CSMC 2009-7R 18A4  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 97,060      | 270,000      | 97,060           | 97,060     | 0          | 672        | 0          | 672            | 0         | 97,732   | 0         | (672)       | (672)      | 877        | 03/01/2037 . |
| 12641Q-EP-3                | CSMC Series 2009-7R-CSMC 2009-7R 18A5  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 56,925      | 300,000      | 56,925           | 21,972     | 34,952     | 907        | 0          | 35,859         | 0         | 57,832   | 0         | (907)       | (907)      | 974        | 03/01/2037 . |
| 12641Q-EQ-1                | CSMC Series 2009-7R-CSMC 2009-7R 18A6  |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 48,911      | 600,000      | 48,911           | 49,272     | 0          | 1,555      | 0          |                | 0         | 50,827   | 0         | (1,916)     | (1,916)    | 1,948      | 03/01/2037 . |
| 12641Q-EW-8                | CSMC Series 2009-7R-CSMC 2009-7R 1A2   |      | 01/10/2022 | . VARIOUS              |           | 69,633      | 65,834       | 69,633           | 69,630     | 0          | (20        | ) 0        | (20)           | 0         | 69,610   | 0         | 23          | 23         | 442        | 03/01/2036 . |
| 12641Q-EX-6                | CSMC Series 2009-7R-CSMC 2009-7R 1A3   |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 64,519      | 60,000       | 64,519           | 64,519     | 0          | (24        | ) 0        | (24)           | 0         | 64,495   | 0         | 24          | 24         | 403        | 03/01/2036 . |
| 12641Q-EY-4                | CSMC Series 2009-7R-CSMC 2009-7R 1A4   |      | 01/10/2022 | . CREDIT SUISSE SECURI |           | 105,870     | 120,000      | 105,870          | 105,882    | 0          | 69         | 0          | 69             | 0         | 105,951  | 0         | (81)        | (81)       | 805        |              |
| 12641T-AB-2                | CSMC Series 2009-5R-CSMC 2009-5R 1A2   |      | 12/01/2022 | . PAYDOWN              |           | 156, 126    | 156,720      | 119,476          | 113,341    | 0          | 43, 127    | 0          | 43, 127        | 0         | 156, 126 | 0         | 0           | 0          | 1,509      |              |
| 12646U-AK-4                | CSMC Trust 2013-IVR1-CSMC 2013-IVR1 A2   |      | 12/01/2022 | . PAYDOWN              |           | 72, 131     | 72, 131      | 67,443           | 68,277     | 0          |            | 0          | 3,854          | 0         | 72, 131  | 0         | 0           | 0          | 840        |              |
| 12646W-AH-7                | CSMC Trust 2013-IVR2-CSMC 2013-IVR2 A2   |      | 12/01/2022 | . PAYDOWN              |           | 64,507      | 64,507       | 60,274           | 60,976     | 0          | 3,531      | 0          | 3,531          | 0         | 64,507   | 0         | 0           | 0          | 595        |              |
| 12647P-AK-4                | CSMC Trust 2013-7-CSMC 2013-7 A6   |      | 12/01/2022 | . PAYDOWN              |           | 68,851      | 68,851       |                  | 66,609     | 0          | 2,242      | 0          | 2,242          | 0         | 68,851   | 0         | 0           | 0          |            |              |
| 126650-AW-0                | CVS Pass-Through Trust-FIRST LIEN  |      | 12/10/2022 | . SINKING PAYMENT      |           | 101,075     | 101,075      | 101,075          | 101,079    | 0          | (4         | ) 0        | (4)            | 0         | 101,075  | 0         | 0           | 0          | 2,924      |              |
| 126670-JP-4                | CHL Mortgage Pass-Throug-CWHL 2005-HYB9  |      | 12/01/2022 | . PAYDOWN              |           | 19,891      | 26,620       | 22,957           | 21,815     | 0          | 3,441      | 184        |                | 0         | 19,891   | 0         | 0           | 0          | 261        |              |
| 126670-NY-0                | CWABS Asset-Backed Certi-CWL 2005-16 2AF   |      | 12/01/2022 | . PAYDOWN              |           | 66,400      |              |                  | 8,577      | 0          | 57,823     | 0          | 57,823         | 0         | 66,400   | 0         | 0           | 0          | 1,354      |              |
| 12667F-4N-2                | Alternative Loan Trust 2-CWALT 2005-7CB  |      | 12/01/2022 | . PAYDOWN              |           | 54,340      | 54,655       | 48,211           | 48,345     | 0          | 6,345      | 143        |                | 0         | 54,340   | 0         | 0           | 0          | 1,323      |              |
| 12667F-5E-1                | Alternative Loan Trust 2-CWALT 2005-6CB  |      | 12/01/2022 | . PAYDOWN              |           | 55,386      | 60,035       | 55,067           | 52,430     | 0          | 6,741      | 0          | 6,741          | 0         | 55,386   | 0         | 0           | 0          |            |              |
| 12667G-AC-7                | Alternative Loan Trust 2-CWALT 2005-13CB   |      | 12/01/2022 | . PAYDOWN              |           | 40,192      | 40,301       | 36,896           | 35,676     | 0          | 4,591      | 0          | 4,591          | 0         | 40, 192  | 0         | J0          | 0          | 1,000      |              |
| 12668A-PC-3                | Alternative Loan Trust 2-CWALT 2005-54CB   |      | 12/01/2022 | . PAYDOWN              |           | 54,487      | 69,987       | 58,870           | 60,086     | 0          | 8,071      | 1,406      |                | ļ0        | 54,487   | J0        | 0           | 0          | 1,862      |              |
| 126694-2H-0<br>126694-4F-2 | CHL Mortgage Pass-Throug-CWHL 2006-10 1A   |      | 12/01/2022 | . PAYDOWN              |           |             | 9,669        | 6,202            | 6,256      | 0          | 3,647      | 35         |                | 0         | 10, 191  | 0         | 0           | 0          | 240<br>479 |              |
| -                          | CHL Mortgage Pass-Throug-CWHL 2006-HYB3  |      |            | PAYDOWN                |           |             | 35,308       | ,.               | 33,909     | 0          |            | 0          |                |           |          | 0         | 0           | 0          |            |              |
| 126694-CS-5<br>126694-D5-4 | . CHL Mortgage Pass-Throug-CWHL 2005-21 A1 CHL Mortgage Pass-Throug-CWHL 2006-HYB2 |      | 12/01/2022 | DAYDOWN                |           | 75, 161     | 75,674       | 61,739<br>60.446 |            | 0          | 13,336     | 24         | 13,312         |           | 75, 161  | 0         | 0           | 0          | 2,261      |              |
| 126694-D5-4                | CHL Mortgage Pass-Inroug-CWHL 2006-HYB2  | l    | 12/01/2022 | DAYDOWN                |           | 5.608       | 5.612        | 5, 122           |            | 0          | 176        |            | 176            |           | 5.608    |           |             |            |            | 04/01/2036 . |
| 126694-D7-0<br>126694-HP-6 | CHL Mortgage Pass-Inroug-CWHL 2005-25 A1   |      | 12/01/2022 | DAYDOWN                |           |             |              |                  |            | 0          | 5.128      |            |                |           |          |           |             |            | 97<br>151  | 11/01/2035 . |
| 126694-HP-6                | CHL Mortgage Pass-Throug-CWHL 2005-24 A3   |      | 12/01/2022 | PAYDOWN                |           | 41,958      | 41,997       |                  |            | 0          | 9,868      |            | 9.868          |           | 41.958   |           |             |            | 677        |              |
| 12669D-US-5                | . CHL Mortgage Pass-Throug-CWHL 2005-24 A3   |      | 12/01/2022 | PAYDOWN                |           |             |              |                  |            | n          |            | 2          | 9,808          | o         |          | u         |             | n          |            |              |
|                            |  |      |            |                        |           |             |              |                  |            |            |            |            |                |           |          |           |             |            |            |              |

### **SCHEDULE D - PART 4**

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

| 1  |             |  |      |            |                   |           | ong-renn b | onds and Sto |             |            |             |         |         |         |       |           |         |            |            |          |              |
|--|-------------|--|------|------------|-------------------|-----------|------------|--------------|-------------|------------|-------------|---------|---------|---------|-------|-----------|---------|------------|------------|----------|--------------|
| Part   | 1           | 2  | 3    | 4          | 5                 | 6         | 7          | 8            | 9           | 10         |             |         |         |         |       | 16        | 17      | 18         | 19         | 20       | 21           |
| Part   |             |  |      |            |                   |           |            |              |             |            | 11          | 12      | 13      | 14      |       |           |         |            |            |          |              |
| Part   |             |  |      |            |                   |           |            |              |             |            |             |         |         |         |       |           |         |            |            |          |              |
| Part   |             |  |      |            |                   |           |            |              |             |            |             |         |         |         |       | Dools!    |         |            |            |          |              |
| Property of the Property of    |             |  |      |            |                   |           |            |              |             | Drior Voor |             | Current |         |         |       |           | Eoroian |            |            |          | Stated       |
| Column   |             |  |      |            |                   |           |            |              |             |            | Liproplizad |         |         |         |       |           |         |            |            |          |              |
| Section   Description   Desc   | CLISID      |  |      |            |                   | Number of |            |              |             |            |             |         |         |         |       |           |         | Poolized   | Total Gain |          |              |
| Part      |             |  | For- | Disposal   | Name              |           | Con-       |              |             |            |             |         |         |         |       |           |         |            |            |          |              |
| Second Column   Col   |             | Description                              |      |            |                   |           |            | Par Value    | Actual Cost | , , ,      |             |         |         |         |       |           |         |            |            |          |              |
| Second   S   |             |  | o.g  |            |                   | 0.00      |            |              |             |            | 0           |         |         |         | value | _         | 0       | 02.000000. | 0          |          |              |
| Second Column   Second Colum   |             |  |      |            | PAYDOWN           |           |            |              |             | 0          | 0           |         |         |         |       |           | 0       | 0          | 0          |          |              |
| Second Column   Second Colum   | 12669G-4K-4 |  |      |            | . PAYDOWN         |           |            |              |             | 0          | 0           | 3,864   |         |         |       | 24,062    | 0       | 0          | 0          | 432      |              |
| Second Column   Second Colum   | 12669G-R4-5 |  |      | 12/01/2022 | . PAYDOWN         |           | 22,805     | 20,295       | 18,294      | 13,696     | 0           | 6,819   | 6       | 6,813   |       | 22,805    | 0       | 0          | 0          | 507      | 08/01/2035 . |
|  | 141781-G#-5 | Cargill Inc. Senior Note                 |      |            | . SINKING PAYMENT |           |            |              |             |            | 0           | (2,077) | 00      | (2,077) | 0     |           | 0       | 0          | 0          |          |              |
| September   Sept   |             | Cars Net Lease Mortgage -CARM 2020-1A A1 |      |            | . PAYDOWN         |           | ,          |              |             | .,         | 0           | 8       | 0       | 8       | 0     |           | 0       | 0          | 0          |          |              |
| Septiment   Sept   |             |  |      |            | . MATURITY        |           |            |              |             |            | 0           |         | 0       |         | 0     |           | 0       | 0          | 0          |          |              |
| Separate    |             |  |      |            | . PAYDOWN         | -         | , .        | , , ,        |             | ,          | 0           |         | 0       |         | 0     |           | 0       | 0          | 0          |          |              |
| 1985-1-7-7-7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-  |             |  |      |            | . PAYDOWN         |           |            |              |             | , .        | 0           |         | 0       |         | ļ0    |           | 0       | 0          | 0          |          |              |
| 9805-6-7-0 Date Prings Finance TO-ASE 2006-1-12   1007/002   1007/ |             |  |      |            | DAYDOWN           |           | , .        |              |             |            | 0           |         | 0       |         |       |           | 0       | 0          | 0          |          |              |
|  |             |  |      |            | DAVIDONIN         |           | , .        | , .          | ,           | ,          |             |         |         | , .     |       |           |         |            | ٥          |          | , 20, 2000 . |
| Minches  |             |  |      |            | PAYDOWN           |           |            |              |             |            | 0           |         | 305     |         |       |           |         | 0          |            |          |              |
| 1925-94-5  |             |  |      |            | . CALL 101.059372 |           |            | . ,          |             | ,          | 0           | 0       | 0       | 0       |       |           | 0       | 21.187     | 21.187     |          | ,,           |
| 1987-1996   Color   September   Color   September   Color      |             |  |      |            | . PAYDOWN         |           | , ,        |              |             | 0          | 0           | 4,489   | 228     | 4,261   |       |           | 0       | 0          | 0          |          |              |
| 1709-1709-1709-1709-1709-1709-1709-1709-   | 17181C-AA-6 |  |      | 12/20/2022 | . PAYDOWN         |           | 160,635    | 160,635      | 160,635     |            | 0           | 5       | 0       | 5       | c     | 160,635   | 0       | 0          | 0          | 2,352    | 03/20/2043 . |
| 1712-17-16   Citrig Relightist   W-CRBS   2007-28   Citrig Relightist   W-CRBS   2007-28   Citrig Relightist   W-CRBS   2007-28   Citrig Relightist   W-CRBS   | 172967-GK-1 | Citigroup Inc-SUBORDINATED               |      |            | . MATURITY        |           | 1,000,000  | 1,000,000    | 1,000,000   | 1,000,000  | 0           | 0       | 0       | 0       | 0     | 1,000,000 | 0       | 0          | 0          | 40,500   | 07/30/2022 . |
| 17358-45 - 0.11 con brigage Lam - 0.01 1 2019 28   |             |  |      |            | . PAYDOWN         |           |            |              | ,           | .,         | 0           |         |         |         | C     |           | 0       | 0          | 0          | 664      |              |
| 172394-55   C1117978 February Larm QuLT   2015-8   S   100/10720   PARONN   50/73   100/10720   140/8   100/10720   140/8   100/10720   100/8  |             |  |      |            | . PAYDOWN         |           |            |              |             |            | 0           |         |         |         | 0     |           | 0       | 0          | 0          | 68       |              |
| 177379-1762   01/11   91/1501   15   |             |  |      |            | . PAYDOWN         |           |            | , ,          |             | ,          | 0           |         | 0       | ,       | C     |           | 0       | 0          | 0          |          |              |
| 1920   |             |  |      |            | . PAYDOWN         |           | , .        |              | , .         | , .        | 0           |         | 0       |         | 0     |           | 0       | 0          | 0          | ., .     |              |
| 9885 -4-4-4-4-4  |             | 1  |      |            | . CALL 101        |           | , ,        |              | .,,         | .,,        | 0           |         | 0       |         |       |           | 0       | 44,941     | 44,941     |          |              |
| 1987  -1-1-1-2   |             |  |      |            | DAYDOWN           |           |            | , , ,        | , .         | 101,486    | 0           |         | 0       |         |       |           |         |            | 0          |          |              |
| 19628-14-6   Columbia Property Trait - SHIFE (INSIGNE   1.000  |             |  |      |            | PAYDOWN           |           |            |              |             | 467 134    | 0           | 8       | 0       | 8       |       |           | 0       | 0          | 0          |          |              |
| 1982   1-84-   |             |  |      |            | . CALL 108.856    |           | ,          | ,            | ,           |            | 0           | 2       | 0       | 2       |       |           | 0       | 89.040     | 89.040     | ,        |              |
| 200871-4-7   CMM/SR00 STEEMT ICAN -SSELES 1-6 D.A.   12/25/2012   PATONIN  |             |  |      |            | . CALL 108.715    |           | 1,087,150  | 1,000,000    | 996,260     |            | 0           | 9       | 0       | 9       |       | 998 , 133 | 0       | 89,017     |            | ,        |              |
| 200878-0-9.   Conceignment all lings Co-SENICA INSCREPTION   0.5717/2022   CALL 105.535266   3.66.057   3.000,000   2.998,800   2.999,810   0   41   0   0   41   0   0   2.999,622   0   166.435   166.435   9.75.05   3.075/2026   2.1278/24A-0   Correlets Aperican Financ-CFL 2018-2 A   1.12717/2022   APTODIN   2.25510-P-1   Correlets Aperican Financ-CFL 2018-2 A   2.05510-P-1   Correlets Aperican Financ-CFL 20 | 20048E-AY-7 | COMM 2013-LC6 MORTGAGE T-COMM 2013-LC6 A |      | 11/01/2022 | . PAYDOWN         |           | 2,636,772  | 2,636,772    | 2,425,006   | 2,611,138  | 0           | 25,634  | 0       | 25,634  |       | 2,636,772 | 0       | 0          | 0          | 57 , 138 | 01/01/2046 . |
| 2212169-14-6 Cont insertal Wind LIC-FIRST LIEN   | 20267U-AA-7 | COMMONBOND STUDENT LOAN -SERIES 16-B CLA |      |            | . PAYDOWN         |           | 93,915     | 93,915       | 93,889      |            | 0           | 17      | 0       | 17      | 0     |           | 0       | 0          | 0          | 1,245    | 10/25/2040 . |
| 28519-P-1  |             |  |      |            |                   |           |            |              |             |            | 0           | 41      | 0       | 41      | 0     |           | 0       | 166,435    | 166,435    |          |              |
| 225418-PJ-1 CSFB Mortgage-Backed Tru-CSGD 2004-AR6 C   |             |  |      |            | . SINKING PAYMENT |           | , .        | , ,          | , .         | , .        | 0           | 0       | 0       | 0       | 0     |           | 0       | 0          | 0          | .,       |              |
| 2541S-PJ-1 (SEB Mortgage-Backed Tru-CSFB 2004-A66 C 12/27/2022 PATONIN 39,901 39,901 39,901 39,901 39,901 39,901 39,901 39,901 39,901 39,901 30,901  |             |  |      |            | . PAYDOWN         |           |            |              |             |            | 0           | 26      | 0       | 26      | 0     |           | 0       | 0          | 0          |          |              |
| 25458-21-3 Credit Suisse First Bost-CSFB 2005-7 1A1 12/01/2022 PAYDOIN 12,295 6,038 39,838 34,356 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |             |  |      |            | . PAYDOWN         |           |            |              |             |            | 0           | 18      | 0       | 18      | ļ0    |           | 0       | 0          | 0          |          |              |
| 22548-L5-5 Credit Suisse First Bost-CSFB 2005-7 1A1  |             | 0 0                                      |      |            | DAVDOWN           |           | , .        |              |             |            | 0           |         | 0       |         |       |           | 0       |            | 0          |          |              |
| 225470-08-9 CSIIC Mortgage-Backed Tru-CSIIC 2006-3 545 0.6/01/2022 PAYDOIN 12,321 12,323 5,911 5,911 0 6,411 0 0 6,411 0 0 12,321 0 0 0 0 0 0 0 0 205 04/01/2036 225470-VF-7 CSIIC Intrage-Backed Tru-CSIIC 2006-1 341 12/01/2022 PAYDOIN 29,487 29,488 18,813 18,813 0 10,675 0 0 10,675 0 0 0 0 0 0 0 0 0 0 0 1,220 20/01/2038 22944P-AA-5 CSIIC Trust 2013-THI-CSIIC 2   |             |  |      |            | PAYDOWN           |           |            |              | . ,         |            | n           |         | Ω       |         |       |           | n       | n          | 0<br>n     |          |              |
| 225470-VF-7 . CSMC Mort gage—Backed Tru-CSMC 2006-1 3A1  |             |  |      |            | PAYDOWN           |           | ,          | , .          |             | 5 911      | n           |         | n       |         |       |           | n       | n          | n          |          |              |
| 22944P-AA-5 CSNC Trust 2013-TH1-CSNC 2013-TH1 A1   |             | 0 0                                      |      |            | PAYDOWN           |           |            |              |             |            | 0           |         | 0       |         |       |           | 0       | 0          | 0          |          |              |
| 233046-AF-8 DNN 2017-1A A2II   |             |  |      |            | . PAYDOWN         |           | - /        | . ,          |             | ,          | 0           |         | 0       |         |       |           | 0       | 0          | 0          | ,        |              |
| 24763L-FN-5 Delta Funding Home Equit-DELHE 1999-2 A7   | 233046-AF-8 | DNKN 2017-1A A211                        |      |            | . PAYDOWN         |           | 40,000     |              |             | 40,000     | 0           | 0       | 0       | 0       | 0     | 40,000    | 0       | 0          | 0          | 1,008    |              |
| 251510-D-3 Deutsche Al T-A Securitie-DBALT 2005-2 2A   |             |  |      |            | . PAYDOWN         |           |            |              |             |            | 0           |         | ) 0     |         | 0     |           | 0       | 0          | 0          |          |              |
| 25432G-AC-3 Dime Community Bancshare-SUBORDINATED06/15/2022 . CALL 1002,000,0002,000,0002,000,00   |             |  |      |            | . PAYDOWN         |           |            |              |             | ,          | 0           |         | 0       |         | 0     |           | 0       | 0          | 0          | 103      |              |
| 25755T-AE-O DMINOS PIZZA MASTER ISS-SERIES 2015-1A   |             |  |      |            | . PAYDOWN         | [  -      |            |              |             |            | 0           | (28)    | 0       | (28)    | 0     |           | 0       | 0          | 0          | 1        |              |
| 25755T=AH-3 DOMINOS PIZZA MASTER ISS-SERIES 17-1A CL   |             |  |      |            |                   |           | , ,        | ' '          | ' '         | , ,        | 0           | (1)     | 0       | (1)     |       |           | 0       | 0          | 0          |          |              |
| 25755T=AL=4 Domino's Pizza Master Is=DPABS 2019-1A A   |             |  |      |            | . PAYDOWN         | -         |            |              |             |            | 0           | 0       | 0       | ]0      | 0     |           | 0       | 0          | 0          |          |              |
| 25755T-AM-2 . Domino's Pizza Master Is-DPABS 2019-1AW  |             |  |      |            | . PAYDOWN         |           |            |              |             |            | 0           | 0       | 0       |         | ļ0    |           | 0       | 0          | 0          |          |              |
|  |             |  |      |            | DAVDOWN           |           |            |              |             |            | 0           | (20)    |         | (20)    |       |           | ۰۰      |            | 0          |          |              |
|  | 26209X-AC-5 | DRIVEN BRANDS FUNDING LL-HONK 2020-2A A2 | 1    | 10/25/2022 |                   |           |            |              |             |            | 0           | (20)    | , 0<br> |         |       | 10.000    | 0       | n          |            |          |              |

### **SCHEDULE D - PART 4**

|             |  |       |            |                   | Showing All | Long-Term E | onds and Sto | cks SOLD, I | REDEEMED   | or Otherwis | se DISPOS  | SED OF Dui       | ring Current   | Year      |           |           |             |            |           |              |
|-------------|--|-------|------------|-------------------|-------------|-------------|--------------|-------------|------------|-------------|------------|------------------|----------------|-----------|-----------|-----------|-------------|------------|-----------|--------------|
| 1           | 2  | 3     | 4          | 5                 | 6           | 7           | 8            | 9           | 10         |             |            |                  | Carrying Value |           | 16        | 17        | 18          | 19         | 20        | 21           |
|             | _  | -     |            |                   |             |             | -            |             |            | 11          | 12         | 13               | 14             | 15        |           |           |             |            |           |              |
|             |  |       |            |                   |             |             |              |             |            |             |            |                  |                | Total     |           |           |             |            |           |              |
|             |  |       |            |                   |             |             |              |             |            |             |            | Current          | Total          | Foreign   |           |           |             |            | Bond      |              |
|             |  |       |            |                   |             |             |              |             |            |             |            | Year's           | Change in      | Exchange  | Book/     |           |             |            | Interest/ |              |
|             |  |       |            |                   |             |             |              |             | Prior Year |             | Current    | Other-           | Book/          | Change in | Adjusted  | Foreign   |             |            | Stock     | Stated       |
|             |  |       |            |                   |             |             |              |             | Book/      | Unrealized  | Year's     | Than-            | Adjusted       | Book/     | Carrying  | Exchange  |             |            | Dividends | Con-         |
| CUSIP       |  |       |            |                   | Number of   |             |              |             | Adjusted   | Valuation   | (Amor-     | Temporary        | Carrying       | Adjusted  | Value at  | Gain      | Realized    | Total Gain | Received  | tractual     |
| Identi-     |  | For-  | Disposal   | Name              | Shares of   | Con-        |              |             | Carrying   | Increase/   | tization)/ | Impairment       |                | Carrying  | Disposal  | (Loss) on |             | (Loss) on  | During    | Maturity     |
| fication    | Description                                | eian  |            | of Purchaser      | Stock       | sideration  | Par Value    | Actual Cost | Value      | Decrease    | Accretion  | Recognized       |                | Value     | Date      | Disposal  | on Disposal | Disposal   | Year      | Date         |
|             | Duke Realty LP-SENIOR UNSECURED            | eigii |            | EXCHANGE OFFER    | Stock       | 993.167     |              | 989,260     |            | Decrease    | 790        |                  |                | value     |           | Dispusai  | on Disposai | Disposai   |           |              |
| 26441Y-BB-2 |  |       | 10/06/2022 | . EXCHANGE UFFEH  |             | ,           | 1,000,000    |             |            | 0           | /90        | 0                | 790            |           | 993, 167  | 0         |             |            | 43,333    |              |
| 28852L-AA-1 | Ellington Clo III Ltd-ECLO 2018-3A A1      |       | 10/20/2022 | . PAYDUWN         |             | 8,276       | 8,276        | 8,276       | 8,277      | 0           | (1         | ) 0              | (1)            |           |           | 0         | 0           | 0          | 226       |              |
| 28852L-AN-3 | Ellington Clo III Ltd-ECLO 2018-3A A2R     |       | 10/20/2022 | . PAYDOWN         |             |             | 13,242       |             | 13,242     | 0           | 0          | 0                | 0              | 0         |           | 0         | 0           | 0          | 375       |              |
| 28932M-AA-3 | Elm Road Generating Stat-SECURED NOTE      |       | 08/11/2022 | . SINKING PAYMENT |             | 109,388     | 109,388      | 109,388     | 109,393    | 0           | (5         | ) 0              | (5)            |           | 109,388   | 0         | 0           | 0          | 4,292     |              |
| 30070R-AA-0 | ACRES Commercial Realty -XAN 2020-RS08 A   |       | 01/18/2022 | . PAYDOWN         |             | 10,391      | 10,391       | 10,391      | 10,391     | 0           | 0          | 0                | 0              | 0         | 10,391    | 0         | 0           | 0          | 0         | 03/15/2035 . |
| 30260G-AA-4 | FCI Funding 2021-1 LLC-FCITL 2021-1A A     |       | 12/15/2022 | . PAYDOWN         |             | 918, 135    | 918, 135     | 918,095     | 918,097    | 0           | 38         | 0                | 38             | 0         | 918, 135  | 0         | 0           | 0          | 5, 184    |              |
| 31620R-AF-2 | Fidelity National Financ-SENIOR UNSECURE   |       | 09/01/2022 | . MATURITY        |             | 1,000,000   | 1,000,000    |             |            | 0           | 395        |                  | 395            | 0         | 1,000,000 | 0         | 0           | 0          | 55,000    |              |
| 31737V-AA-4 | Finance of America HECM -FAHB 2020-HB2 A   |       | 08/25/2022 | . PAYDOWN         |             | 2,002,044   | 2,002,044    | 1,986,093   | 1,988,217  | 0           | 13,827     | 0                | 13,827         |           | 2,002,044 | 0         | 0           | 0          | 19,654    |              |
| 32010L-AN-4 | First Eagle Commercial L-NWSTR 2016-1A A   |       | 10/25/2022 | . PAYDUWN         |             | 519,506     | 519,506      | 519,499     | 519,450    | J0          | 56         | 0                | 56             | ļ0        | 519,506   | 0         | J0          | J          | 11,769    |              |
| 32027L-AE-5 | First Franklin Mortgage -FFML 2006-FF14    |       | 12/27/2022 | . PAYDOWN         |             | 127,309     | 127,309      | 113,703     | 121,518    | 0           | 5,791      | 0                | 5,791          | 0         | 127,309   | 0         | 0           | 0          | 441       | 10/25/2036 . |
| 32051G-T7-0 | First Horizon Alternativ-FHAMS 2006-FA1    |       | 12/01/2022 | . PAYDOWN         |             | 20,725      | 22,290       | 13,787      | 13,793     | 0           | 7,896      | 0                | 7,896          | 0         | 20,725    | 0         | 0           | 0          | 668       |              |
| 32051G-XQ-3 | First Horizon Mortgage P-FHASI 2005-AR5    |       | 12/01/2022 | . PAYDOWN         |             | 50,624      | 50,624       | 48,308      | 44, 131    | 0           | 6,493      |                  | 6,493          | 0         | 50,624    | 0         | 0           | 0          | 967       |              |
| 32051G-XV-2 | First Horizon Mortgage P-FHASI 2005-AR5    |       | 12/01/2022 | . PAYDOWN         |             | 33,728      | 33,787       |             |            | 0           | 3,270      | 0                | 3,270          | 0         | 33,728    | 0         | 0           | 0          | 885       |              |
| 32051H-AF-0 | First Horizon Alternativ-FHAMS 2006-FA3    |       | 01/01/2022 | . PAYDOWN         |             |             | 78,209       | 48,549      |            | 0           | 6          | 0                | 6              | 0         |           | 0         | 0           | 0          | 391       |              |
| 32052D-AG-6 | First Horizon Alternativ-FHAMS 2006-FA8    |       | 12/01/2022 | . PAYDOWN         |             | 2,899       | 3, 132       | 2,467       | 1,849      | 617         | 613        | 0                |                | 0         | 2,899     | 0         | 0           | 0          | 78        | 02/01/2037 . |
| 33830J-AA-3 | Five Guys Funding LLC-GUYS 2017-1A A2      |       | 10/25/2022 | . PAYDOWN         |             | 5,000       | 5,000        | 5,000       | 5,000      | 0           | 0          | 0                | 0              | 0         | 5,000     | 0         | 0           | 0          | 201       |              |
| 347466-AE-4 | Fort Irwin Land LLC-UNSECURED              |       | 12/15/2022 | . SINKING PAYMENT |             | 94,778      | 94,778       | 89,272      | 91,232     | 0           | 3,546      | 0                |                | 0         | 94,778    | 0         | 0           | 0          | 3,783     |              |
| 35040U-AA-9 | Foundation Finance Trust-FFIN 2017-1A A    |       | 09/15/2022 | . PAYDOWN         |             | 169, 157    | 169, 157     | 169, 132    | 169, 153   | 0           | 3          | 0                | 3              | 0         | 169, 157  | 0         | 0           | 0          | 2,081     |              |
| 35041J-AA-3 | Foundation Finance Trust-FFIN 2019-1A A    |       | 12/15/2022 | . PAYDOWN         |             | 157,691     | 157,691      | 157,667     | 155,542    | 0           | 2, 149     |                  |                | 0         | 157,691   | 0         | 0           | 0          | 3, 106    |              |
| 35952F-AB-6 | Fort Huachuca-YPG Commun-UNSECURED         |       | 12/15/2022 | . SINKING PAYMENT |             | 171,863     | 171,863      | 185,011     | 176,382    | 0           | (4,519     | *                | (4,519)        | C         | 171,863   | 0         | 0           | 0          | 13,749    |              |
| 361448-AN-3 | GATX CORP-SENIOR UNSECURED NOTE            |       | 04/12/2022 | . CALL 100.66     |             | 2,013,200   | 2,000,000    | 1,981,000   | 1,998,924  | 0           | 548        |                  | 548            | 0         | 1,999,472 | 0         | 13,728      | 13,728     | 30,875    |              |
| 36192C-AE-5 | GS Mortgage Securities C-GSMS 2013-GC10    |       | 12/01/2022 | . PAYDOWN         |             | 4,000,000   | 4,000,000    | 3,693,105   | 3,959,281  | 0           | 40,719     |                  | 40,719         | 0         | 4,000,000 | 0         | 0           | 0          | 102,384   |              |
| 3622E8-AB-1 | GSAA Home Equity Trust 2-GSAA 2006-15 AF   |       | 12/01/2022 | . PAYDOWN         |             | 24,239      | 24,239       | 15,271      | 7,261      | 0           | 16,978     |                  | 16,978         | 0         | 24,239    | 0         | 0           | 0          | 173       |              |
| 362341-4A-4 | GSR Mortgage Loan Trust -GSR 2006-AR1 2A   |       | 11/01/2022 | . PAYDOWN         |             | 26,971      | 25,500       | 24,397      | 24,708     | 0           | 962        |                  | 962            | 0         | 26,971    | 0         | 0           | 0          | 256       |              |
| 362341-SG-5 | GSR MORTGAGE LOAN TRUST-SERIES 2005-AR6    |       | 12/01/2022 | . PAYDOWN         |             | 120,753     | 87,922       | 79,679      | 80,275     | 0           | 11,408     | 0                | 11,408         | 0         | 120,753   | 0         | 0           | 0          | 1,317     |              |
| 36242D-FS-7 | GSR Mortgage Loan Trust -GSR 2004-11 2A1   |       | 12/01/2022 | . PAYDOWN         |             | 77,435      | 77,435       |             | 77,319     | 0           | 116        | 0                | 116            | 0         | 77,435    | 0         | 0           | 0          | 748       |              |
| 36242D-PG-2 | GSR Mortgage Loan Trust -GSR 2004-14 3A2   |       | 11/01/2022 | . PAYDOWN         |             | 75,458      | 75,458       | 74,224      | 73,739     | 0           | 1,719      |                  | 1,719          | 0         | 75,458    | 0         | 0           | 0          | 1,061     |              |
| 36242D-VA-8 | GSR Mortgage Loan Trust -GSR 2005-1F 1A6   |       | 12/01/2022 | . PAYDOWN         |             | 35,427      | 31, 178      |             | 0          | 0           | 982        |                  | 982            | 0         | 35,427    | 0         | 0           | 0          | 511       |              |
| 36298G-AA-7 | GSPA Monetization Trust-SECURED            |       | 12/09/2022 | . SINKING PAYMENT |             | 117,231     | 117,231      | 119,887     | 118,494    | 0           | (1,263     |                  | (1,263)        |           | 117,231   | 0         | 0           | 0          | 4, 143    |              |
| 391164-AF-7 | GREAT PLAINS ENERGY INC-SR UNSECURED       |       | 06/15/2022 | . MATURITY        |             | 1,000,000   | 1,000,000    | 1,022,910   | 1,000,591  | 0           | (591)      | ,                | (591)          |           | 1,000,000 | 0         | 0           | 0          | 26,460    |              |
| 39678W-AA-6 | Greenwich Capital Struct-GCSP 2005-1 A1    |       | 11/01/2022 | . PAYDOWN         |             | 16,032      | 16,032       |             | 16,273     | 0           | (241)      | ) 0              | (241)          |           | 16,032    | 0         | 0           | 0          | 298       |              |
| 406216-BD-2 | HALLIBURTON COMPANY-SR UNSECURED           |       | 09/25/2022 | . CALL 100        |             | 105,000     | 105,000      |             | 104,956    | 0           | 18         | J 0              | J              | J         | 104,974   | 0         | 26          | 26         | 4,226     |              |
| 410495-AA-3 | Hanmi Financial Corp-SUBORDINATED          |       | 03/30/2022 | . CALL 100        |             | 2,000,000   | 2,000,000    | 2,000,000   | 2,000,013  | J0          | (13)       | ۰ <sub> </sub> 0 | J(13)          | ·  0      | 2,000,000 | 0         | 0           | J          | 54,500    |              |
| 411707-AH-5 | Hardee's Funding LLC-HNGRY 2020-1A A2      |       | 12/20/2022 | . PAYDOWN         | -           | 13,000      | 13,000       |             |            | J0          | 0          | 0                | J0             | 0         | 13,000    | 0         | 0           | I0         | 323       |              |
| 41283L-AU-9 | Harley-Davidson Financia-SENIOR UNSECURE   |       | 02/04/2022 | . MATURITY        |             | 2,000,000   | 2,000,000    | 1,998,260   | 1,999,941  | J0          | 59         | 0                | J59            | ļ0        | 2,000,000 | 0         | 0           | J          | 40,500    |              |
| 42770Q-AA-0 | HERO Funding Trust 2014HERO 2014-2A A      |       | 09/20/2022 |                   | -           | 51,458      | 51,458       | 51,423      | 51,442     | J0          | 16         | J 0              | 16             | J         | 51,458    | 0         | 0           | I0         | 1,593     |              |
| 42770R-AA-8 | HERO Funding Trust 2014—HERO 2014—1A A     |       | 09/20/2022 | . PAYDOWN         |             | 47,714      | 47,714       | 47,714      | 47,737     | J0          | (23)       | ,                | (23)           | ·  0      | 47,714    | 0         | 0           | 0          | 1,772     |              |
| 431282-AM-4 | HIGHWOODS REALTY LP-SENIOR UNSECURED NOT   |       | 10/15/2022 | . CALL 100        |             | 1,000,000   | 1,000,000    |             | 998,721    | J0          | 927        |                  | 927            | J0        | 2.000.000 | 0         | 351         | 351        |           |              |
| 436893-AA-9 | Home BancShares Inc/AR-SUBORDINATED        |       | 04/15/2022 | . OALL 100        |             | 2,000,000   | 2,000,000    | , , .       | 2,000,240  | 0           |            | ,                |                |           |           | 0         | 0           | 0          |           |              |
| 43741B-AA-7 | HomeBanc Mortgage Trust -HMBT 2007-1 11A   |       | 11/01/2022 | . PAYDOWN         | -           | 46,466      | 32,456       |             |            | J0          | 1,470      |                  | 1,470          | ļ0        | 46,466    | 0         | 0           | J          | 546       |              |
| 44329H-AG-9 | HP Communities LLC-FIRST LIEN              |       |            | . SINKING PAYMENT |             | 363,985     |              | 352,077     |            | J0          |            |                  | 1,345          | 0         | 363,985   | 0         | 0           | I          | 13,757    |              |
| 45254N-MZ-7 | Impac CMB Trust Series 2-IMM 2005-2 1A2    |       | 12/27/2022 | DAVDOUN           | -           |             |              |             |            | J           |            |                  |                |           |           | 0         | 0           |            | 349       |              |
| 45254N-NT-0 | Impac CMB Trust Series 2-IMM 2005-3 M1     |       | 12/27/2022 | . PATDUWN         | -           | 6,715       | 4,550        | 2,205       | 3,447      | J           | 1,860      | 0                | 1,860          |           | 6,715     | 0         | 87.000      | 07.000     | 3         | 08/25/2035 . |
| 45665Q-AF-0 | Infinity Property and Ca-SENIOR UNSECURE   |       | 03/25/2022 | . CALL 101.74     |             | 5,087,000   | 5,000,000    | 5,000,000   | 5,000,000  | l           | 0          | 0                |                | ļ         | 5,000,000 | 0         |             | 87,000     | 129, 167  |              |
| 45866F-AA-2 | INTERCONT INENTALEXCHANGE—SENI OR UNSECURE |       |            | . CALL 101.596809 |             | ,           | 1,000,000    | /           |            | J0          | 383        | 0                | 383            | ļ0        |           | 0         | 1/, 186     | 1/,186     | 26,333    |              |
| 46185J-AA-6 | Invitation Homes 2018-SF-IHSFR 2018-SFR1   |       | 12/17/2022 | . PAYDUWN         |             | 1,276,160   | 1,276,160    | 1,276,160   | 1,276,160  | J0          | 0          | 0                | J0             | ļ0        | 1,276,160 | 0         | 0           | 0          | 28, 121   |              |
| 46187X-AA-3 | Invitation Homes 2018-SF-IHSFR 2018-SFR4   |       | 12/17/2022 | . PAYDOWN         | -           | 59,461      | 59,461       | 53,813      | ,          | J0          | 0          | 0                |                | ļ0        | 59,461    | 0         | 0           | J          | 663       |              |
| 46616M-AA-8 | J G WENTWORTH RECV XXII-ASSET BKD NT 10    |       | 12/15/2022 | . PAYDOWN         |             | 45,396      | 45,396       | 45,387      | 45, 172    | J0          | 224        |                  | 224            | ļ         | 45,396    | 0<br>-    | 0           | J          | 958       |              |
| 46616P-AA-1 | JGWPT XXIII LLC-HENDR 2011-1A A            |       | 12/15/2022 | . PAYDOWN         |             | 83,354      | 83,354       | 83,332      | 83,331     | J 0         | 23         | J 0              | 23             | J C       | 83,354    | J 0       | · J 0       | J 0        | 2,011     | 10/15/2056 . |

|                            |  |      |               |                 | Showing All I | Long-Term E | Sonds and Sto | ocks SOLD, F | REDEEMED   |            |              |             |                |           |           |           |             |            |           |                |
|----------------------------|--|------|---------------|-----------------|---------------|-------------|---------------|--------------|------------|------------|--------------|-------------|----------------|-----------|-----------|-----------|-------------|------------|-----------|----------------|
| 1                          | 2  | 3    | 4             | 5               | 6             | 7           | 8             | 9            | 10         | (          | Change In Bo | ok/Adjusted | Carrying Value | 9         | 16        | 17        | 18          | 19         | 20        | 21             |
|                            |  |      |               |                 |               |             |               |              |            | 11         | 12           | 13          | 14             | 15        |           |           |             |            |           |                |
|                            |  |      |               |                 |               |             |               |              |            |            |              |             |                | Total     |           |           |             |            |           |                |
|                            |  |      |               |                 |               |             |               |              |            |            |              | Current     | Total          | Foreign   |           |           |             |            | Bond      |                |
|                            |  |      |               |                 |               |             |               |              |            |            |              | Year's      | Change in      | Exchange  | Book/     |           |             |            | Interest/ |                |
|                            |  |      |               |                 |               |             |               |              | Prior Year |            | Current      | Other-      | Book/          | Change in | Adjusted  | Foreign   |             |            | Stock     | Stated         |
|                            |  |      |               |                 |               |             |               |              | Book/      | Unrealized | Year's       | Than-       | Adjusted       | Book/     | Carrying  | Exchange  |             |            | Dividends | Con-           |
| CUSIP                      |  |      |               |                 | Number of     |             |               |              | Adjusted   | Valuation  | (Amor-       | Temporary   | Carrying       | Adjusted  | Value at  | Gain      | Realized    | Total Gain | Received  | tractual       |
| Identi-                    |  | For- | Disposal      | Name            | Shares of     | Con-        |               |              | Carrying   | Increase/  | tization)/   | Impairment  | Value          | Carrying  | Disposal  | (Loss) on | Gain (Loss) | (Loss) on  | During    | Maturity       |
| fication                   | Description  | eian | Date          | of Purchaser    | Stock         | sideration  | Par Value     | Actual Cost  | Value      | Decrease   | Accretion    | Recognized  |                | Value     | Date      | Disposal  | on Disposal | Disposal   | Year      | Date           |
| 46617A-AA-3                | JGWPT XXVII LLC-ASSET BKD SERIES 2012-3  | J.3  | 11/15/2022    | PAYDOWN         |               | 100,181     | 100, 181      |              |            | 0          | 872          | 0           | 872            | 0         | 100, 181  | 0         | 0           | 0          |           |                |
| 46617F-AA-2                | JGWPT XXVIII LLC-HENDR 2013-1A A   |      | 12/15/2022    | PAYDOWN         |               | 51,694      | 51,694        | 51,658       | 51,665     | 0          | 29           | 0           | 29             | 0         | 51,694    | 0         | 0           | 0          | 855       |                |
| 46617J-AA-4                | JGWPT XXIX LLC-HENDR 2013-2A A   |      | 12/15/2022    | PAYDOWN         |               | 92.583      | 92.583        | 92.561       | 92.582     | 0          | 2            | 0           | 2              | 0         | 92.583    |           | 0           | 0          | 2.127     |                |
| 46617L-AA-9                | JGWPT XXX LLC-HENDR 2013-3A A  | l    | 12/15/2022    | PAYDOWN         |               | 98,419      | 98,419        |              |            | 0          | 74           | 0           | 74             | 0         | 98,419    | 0         | 0           | 0          | 2,090     |                |
| 46617T-AA-2                | JGWPT XXXI LLC-ASSET BKD SERIES 2014-1 C   |      | 12/15/2022    | PAYDOWN         |               | 54.324      | 54.324        | 54.294       | 54.291     | 0          | 34           | 0           | 34             | 0         | 54.324    |           | 0           | 0          | 1.263     |                |
| 46618A-AA-2                | JGWPT XXXII LLC-ASSET BKD SERIES 2014-2  |      | 12/15/2022    | PAYDOWN         |               |             |               |              |            | 0          | 983          | 0           | 983            | 0         | 138,350   | 0         | 0           | 0          |           |                |
| 46618H-AA-7                | J G WENTWORTH XXXIII LLC-ASSET BKD SER 2   |      | 12/15/2022    | PAYDOWN         |               | 130.048     |               |              |            | 0          | (308)        | 0           | (308)          | 0         | 130 . 048 |           | 0           |            | 2.441     |                |
| 46618L-AA-8                | J G WENTWORTH XXXIV LLC-ASSET BKD SER 20   | l    | 12/15/2022    | PAYDOWN         |               | 267.521     |               |              |            | 0          | 730          | 0           | 730            | 0         | 267.521   |           | 0           |            | 4.622     |                |
| 46619R-AA-4                | J G WENTWORTH XXXV LLC-ASSET BCKD NT 15  |      | 12/15/2022    | . PAYDOWN       |               | 85,910      |               |              |            | 0          | (140         | 0           | (140)          | 0         | 85,910    | 0         | 0           | 0          |           |                |
| 46620J-AA-9                | J.G. Wentworth XXXVIII L-HENDR 2017-1A A   | 1    | 12/15/2022    | PAYDOWN         |               | 22,806      |               |              |            | 0          | 15           | 0           |                | 0         | 22,806    |           | 0           | 0          |           |                |
| 466247-RP-0                | JP Morgan Mortgage Trust-JPMMT 2005-A4 2   |      | 12/01/2022    | PAYDOWN         |               | 24.651      | 24,651        |              |            |            | 2.161        |             | 2.161          |           | 24.651    | n         |             |            |           | ,,             |
| 466247-ZP-1                | JP Morgan Mortgage Trust-JPMMT 2005-S3 1   | l    | 11/01/2022    | PAYDOWN         |               | 2.880       | 2.884         | 1.856        | n          | n          | 1.025        |             | 1.023          | n         | 2.880     | n         | n           | n          | 42        | 01/01/2036 .   |
| 46627M-AD-9                | JP Morgan Alternative Lo-JPALT 2005-S1 1   | 1    | 12/01/2022    | PAYDOWN         |               | 14.025      |               |              | 6.370      | n          | 7.369        |             | 7.343          | n         | 14.025    | n         | n           | n          | 328       |                |
| 46627M-CY-1                | JP Morgan Alternative Lo-JPALT 2006-A1 3   | 1    | 12/01/2022    | PAYDOWN         |               | 230.295     |               |              |            | n          | 45.366       | n           | 45,366         | n         | 230.295   | n         | n           | n          | 3.729     |                |
| 46627M-EC-7                | JP Morgan Alternative Lo-JPALT 2006-S1 1   |      | 12/01/2022    | PAVDOWN         |               | 29.243      | 28.449        |              |            | 0          | 11.509       | 0           | 11.509         | 0         | 29.243    |           | 0           | 0          |           |                |
| 46627M-EJ-2                | JP Morgan Alternative Lo-JPALT 2006-S1 1   |      | 12/01/2022    | DAVDOWN         |               |             |               | 27 .493      |            | 0          | 9.316        | 107         |                |           | 36.414    |           | 0           | 0          |           |                |
| 46628L-AB-4                | JP Morgan Mortgage Trust-JPMMT 2006-A4 1   |      | 12/01/2022    | PAVDOWN         |               | 11.570      |               | 9.229        | 4.180      | o          | 7.391        |             | 7.391          |           | 11.570    |           | 0           | 0          |           | ,,             |
| 46628V-AH-9                | JP Morgan Alternative Lo-JPALT 2006-S3 A   |      | 12/01/2022    | PAVDOWN         |               | 11,570      |               |              |            | 0          | (930         | 0           | (930)          | 0         | 11,570    |           | 0           | 0          | 1,945     |                |
| 46630P-AP-0                | JP Morgan Mortgage Trust-JPMMT 2007-A2 3   |      | 12/01/2022    | DAVDOWN         |               | 989         | 992           | 950          |            | 0          | 310          | 0           | 310            |           | 989       |           | 0           | 0          | 0         | 04/01/2037 .   |
| 46630W-AB-6                | JP Morgan Mortgage Trust-JPMMT 2007-S2 1   |      | 11/01/2022    | DAVDOWN         |               | 10.401      | 9.656         | 5.885        | 5 885      |            | 4.067        |             | 4.067          |           | 10.401    |           |             |            |           |                |
| 46630W-AL-4                | JP Morgan Mortgage Trust-JPMMT 2007-S2 1   |      | 12/01/2022    | DAVDOWN         |               |             |               | 7.068        |            |            |              |             | 3.887          |           | 10.865    |           |             |            | 273       |                |
| 46631N-AA-7                | JP Morgan Mortgage Trust-JPMMT 2007-S2 1   |      | 10/01/2022    | DAVDOWN         |               |             | 6.239         | 4.169        | 4.272      | 0          | 2.886        | 0           |                |           | 8 .886    |           |             |            |           |                |
| 46631N-DT-3                | JP Morgan Mortgage Trust-JPMMT 2007-S3 1   |      | 12/01/2022    | DAVDOWN         |               |             | 33.454        |              |            |            | 11.050       | 328         | 10.722         |           |           |           |             |            | 520       |                |
| 46632T-AA-3                | JP Morgan Mortgage Trust-JPMMT 2008-R2 1   |      | 12/01/2022    | DAVDONN         |               | 98.933      | 98.933        |              |            |            | 14 760       |             | 14.760         |           | 98.933    |           |             |            |           |                |
| 46633A-AC-9                | JP Morgan Mortgage Trust-JPMMT 2008-R4 2   |      | 03/01/2022    | DAVDOWN         |               | 56, 171     |               |              | 56, 144    | 0          | 27           |             | 27             |           | 56, 171   |           |             |            | 1,311     |                |
| 46634D-AX-6                | JP Morgan Resecuritizati-JPMRR 2010-1 3A   |      | 12/01/2022    | PAYDOWN         |               | 91.906      |               |              | 57.858     |            | 39.409       |             | 39.409         |           | 91.906    |           |             |            | 2.957     |                |
| 46634F-AU-7                | JP Morgan Resecuritizati-JPMRR 2010-2 3A   |      | 05/18/2022    | . DIRECT        |               |             | 105,004       | 40,333       |            |            |              |             |                |           | 91,300    |           |             |            | 2,957     | 07/01/2036 .   |
| 46634F-AZ-6                | JP Morgan Resecuritizati-JPMRR 2010-2 3A   |      | 05/18/2022    | DIRECT          |               |             |               |              |            |            |              |             |                |           |           |           |             |            |           | 07/01/2036 .   |
| 46635B-AD-3                | JP Morgan Resecuritizati-JPMRR 2010-7 1A   |      | 12/01/2022    | DAVDOWN         |               |             |               | 106.711      |            |            | 27.301       |             | 27.301         |           | 151.739   |           |             |            | 3.843     |                |
| 466365-AA-1                | Jack In The Box Funding -JACK 2019-1A A2   |      | 02/25/2022    | DAVDOWN         |               | 1.985.000   | 1,985,000     | 1.985.000    | 1.985.000  | 0          | 27,001       | 0           |                |           | 1.985.000 |           | 0           | 0          | 19.461    |                |
| 466365-AD-5                | Jack in the Box Funding -JACK 2019-1A A2   | 1    | 11/25/2022    | PAYDOWN         |               | 75.000      |               |              | 1,303,000  | n          | n            | n           | n              |           | 75.000    | o         | n           | n          | 1.392     |                |
| 46639J-AE-0                | JP Morgan Chase Commerci-JPMCC 2013-C10  |      | 12/01/2022    | PAVDOWN         |               | 2.463.593   | 2.463.593     | 2.292.297    | 2.438.645  | 0          | 24.949       | n           | 24.949         |           | 2.463.593 |           |             |            | 63.715    |                |
| 46639Y-AQ-0                | JP Morgan Chase Commerci-JPMCC 2013-C10  JP Morgan Chase Commerci-JPMCC 2013-LC11  |      | 12/01/2022    | PAYDOWN         |               | 2,463,593   | 2,463,593     |              |            |            | 24,949       |             | 24,949         |           | 2,463,593 | J         |             |            | 5.996     |                |
| 46651G-AC-3                | JP Morgan Mortgage Trust-JPMMT 2019-7 A3   |      | 12/01/2022    | PAYDOWN         |               | 35.306      | 35.306        |              |            | n          |              |             | (409)          |           | 35.306    |           | n           | n          |           |                |
| 472320-AA-8                | Jefferies Resecuritizati-JMAC 2008-R1 A  | 1    | 12/27/2022    | PAVDOWN         |               | 240.792     |               |              | 05,715     | n          | 16.144       | n           |                |           | 240.792   |           | 0           | n          | 5.720     |                |
| 472320-AA-6<br>472321-AD-0 | Jefferies Resecuritizati-JMAC 2008-R2 2A   |      | 12/21/2022    | PAVDOWN         |               | 43.325      | 43.325        |              |            | n          | 20.519       | n           | 20,519         |           | 43.325    |           |             | n          |           |                |
| 472321-AD-0                | Jefferies Resecuritizati-JMAC 2008-R2 2A   |      | 12/01/2022    | DAVDOWN         |               | n 40,020    |               | 631          |            |            | 352          |             | 352            |           |           |           |             |            |           | 01/01/2037 .   |
| 472321-AH-1<br>472321-AJ-7 | Jefferies Resecuritizati-JMAC 2008-R2 2A  Jefferies Resecuritizati-JMAC 2008-R2 3A |      | 12/01/2022    | DAVDOWN         |               | 62.917      |               |              |            |            |              |             | 3,247          |           | 62.917    |           |             |            | 664       |                |
| 472321-AJ-7<br>472321-AK-4 | Jefferies Resecuritizati-JMAC 2008-R2 3A   |      | 12/01/2022    | DAYDOWN         |               | 02,917      | (3.940)       |              | (1.832)    |            | (530)        |             | (530)          |           | 02,31/    |           |             |            |           | ')01/01/2039 . |
| 472321-AR-4<br>47232V-AG-7 | Jefferies Resecuritizati-JMAC 2009-R4 2A   |      | 12/01/2022    | DIRECT          |               |             | (3,940)       | (1,402)      | (1,832)    |            | (530)        |             | (530)          |           |           |           |             |            | (0/       | 02/01/2039 .   |
| 47232V-AG-7<br>47233D-AB-7 | Jefferies Resecuritizati-JMAC 2009-R4 ZA  Jefferies Resecuritizati-JMAC 2009-R11 1 |      | 12/31/2022    | DAVDOWN         |               |             |               |              |            |            | 140 .172     |             | 140 . 172      |           | 524.833   |           |             |            | (60.761   | )02/01/2037 .  |
| 472330-AB-7<br>47760Q-AB-9 | Jimmy Johns Funding LLC-JIMMY 2017-1A A2   |      | 10/30/2022    | PAYDOWN         |               | 286,000     |               | 286,000      |            |            | 140, 1/2     |             | 140, 1/2       |           |           |           |             |            | 3,610     |                |
| 482480-AE-0                | KLA Corp-SENIOR UNSECURED  |      | 07/07/2022    | . CA CASH CLOSE |               | 727,395     | 710.000       | 708.211      | 709,426    |            | U            |             | nn             |           | 709.516   | l         |             |            |           |                |
| 48305Q-AA-1                | Kaiser Foundation Hospit-SENIOR UNSECURE   |      | 04/01/2022    | . MATURITY      |               | 2.000.000   | 2.000.000     | 1.983.880    | 1,999,528  |            | 472          |             | 472            |           | 2.000.000 | ^         | ^           |            | 35,900    |                |
| 48305Q-AA-1<br>48669R-AA-9 | Great Lakes Kcap F3c Sen-KCAP 2017-1A A  |      | 12/20/2022    | DAVDOWN         |               |             |               |              |            |            | 4/2          |             | (57)           |           | 2,000,000 | J         |             |            |           |                |
| 494550-BJ-4                | Great Lakes Kcap F3c Sen-KCAP 2017-1A A  Kinder Morgan Energy Par-SENIOR UNSECURE  |      | 03/01/2022    | MATURITY        |               | 1.000.000   |               |              |            |            | (5/          | 'l          | (5/)           |           | 1.000.000 | J         |             | ļ          |           |                |
| 494550-BJ-4<br>50209T-AA-8 | LMREC 2019-CRE3 Inc-LMREC 2019-CRE3 A  |      | 12/23/2022    | DAVDOWN         |               | 1,586,536   | 1,000,000     | 1.586.536    | 1,586,536  | 0          | 14           | 0           | 14             |           | 1,000,000 | J         | 0           | J          |           |                |
|                            | LABRADOR AVIATION FINANC-SERIES 2016-1A  |      | 12/23/2022    | PAYDOWN         | -             | 7. 7        |               |              |            |            | 0            |             |                |           |           | J         |             |            |           |                |
| 50543L-AA-0<br>525221-GM-3 | LABRADUR AVIATION FINANC-SERIES 2016-1A  LEHMAN XS TRUST-SERIES 2005-9N CLASS 1A1  |      | 12/15/2022    | DAYDOWN         |               | 111,835     |               |              | 110,974    | 0          |              | 0           | 861            |           | 111,835   | J         | 0           | ļ          |           |                |
| 1:0/0//1=000=3             | LLEGMAN AS IBUST-SERIES ZUUS-MN ULASS TAT  | 1    | 1 (////////// | LEATIONN        | 1             | In/ 103     | ID / 103      | 136 243      |            | . ()       |              |             |                | . 0       | i in/ 103 |           |             |            |           | 1 1///2//036   |

### **SCHEDULE D - PART 4**

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

|                            |   |      |                      |                   | Showing All L | Jong-Term B | onus anu sic | ICKS SULD, I | KEDEEMED   | or Otherwi              | se Dispus         | ED OF Dui       | ing Current          | rear              |   |          |             |            |                    |               |
|----------------------------|---|------|----------------------|-------------------|---------------|-------------|--------------|--------------|------------|-------------------------|-------------------|-----------------|----------------------|-------------------|---|----------|-------------|------------|--------------------|---------------|
| 1                          | 2   | 3    | 4                    | 5                 | 6             | 7           | 8            | 9            | 10         |                         |                   |                 | Carrying Value       |                   | 16                                      | 17       | 18          | 19         | 20                 | 21            |
| 1                          |   | 1    |                      |                   |               |             |              |              |            | 11                      | 12                | 13              | 14                   | 15                |   |          |             |            |                    |               |
|                            |   |      |                      |                   |               |             |              |              |            |                         |                   |                 |                      | Total             |   |          |             |            |                    |               |
|                            |   |      |                      |                   |               |             |              |              |            |                         |                   | Current         | Total                | Foreign           | D I /                                   |          |             |            | Bond               |               |
|                            |   |      |                      |                   |               |             |              |              | Prior Year |                         | 0                 | Year's          | Change in            | Exchange          |   | Foreign  |             |            | Interest/<br>Stock | Stated        |
|                            |   |      |                      |                   |               |             |              |              | Book/      | Liproplizad             | Current<br>Year's | Other-<br>Than- | Book/                | Change in         | Carrying                                | Exchange |             |            | Dividends          | Con-          |
| CUSIP                      |   |      |                      |                   | Number of     |             |              |              | Adjusted   | Unrealized<br>Valuation | (Amor-            | Temporary       | Adjusted<br>Carrying | Book/<br>Adjusted | Value at                                | Gain     | Realized    | Total Gain | Received           | tractual      |
| Identi-                    |   | For- | Disposal             | Name              | Shares of     | Con-        |              |              | Carrying   | Increase/               | tization)/        | Impairment      |                      | Carrying          | Disposal                                |          | Gain (Loss) | (Loss) on  | During             | Maturity      |
| fication                   | Description   | eian |                      | of Purchaser      | Stock         | sideration  | Par Value    | Actual Cost  | Value      | Decrease                | Accretion         | Recognized      |                      | Value             | Date                                    | Disposal | on Disposal | Disposal   | Year               | Date          |
| 525241-AL-9                | Lehman XS Trust 2007-1-LXS 2007-1 WF1   | o.g  | 12/01/2022           | PAYDOWN           | Otoon         |             | 20.193       |              |            | 0                       | 6.814             | 0               | 6.814                | Value             | 20.365                                  | 0.00000. | 02.00000.   | 0          | 311                |               |
| 539830-BH-1                | LOCKHEED MARTIN CORP-SENIOR UNSECURED   |      | 05/10/2022           | . CALL 101.034172 |               | 1,515,513   | 1,500,000    | 1,488,420    | 1,494,927  | 0                       | 381               | 0               | 381                  |                   | 1,495,308                               | 0        | 20.205      | 20,205     |                    |               |
| 543190-AA-0                | LONGTRAIN LEASING III LL-SERIES 2015-1A   |      | 11/15/2022           | . PAYDOWN         |               | 27,760      | 27,760       | 26,896       | 27,294     | 0                       | 466               | 0               | 466                  |                   | 27,760                                  | 0        | 0           | 0          |                    | 01/15/2045 .  |
| 543190-AB-8                | Longtrain Leasing III LL-LTRAN 2015-1A A  |      | 06/15/2022           | . PAYDOWN         |               | 33,486      | 33,486       | 32,874       | 33,202     | 0                       | 284               | 0               | 284                  |                   | 33,486                                  | 0        | 0           | 0          | 680                | 01/15/2045 .  |
| 55282X-AA-8                | MF1 Multifamily Housing -MF1 2021-FL5 A   |      | 11/17/2022           | . PAYDOWN         |               | 2,421,958   | 2,421,958    | 2,421,958    | 2,421,958  | 0                       | 0                 | 0               | 0                    |                   | 2,421,958                               | 0        | 0           | 0          | 15,382             |               |
| 559079-AK-4                | Magellan Health Inc-SENIOR UNSECURED  |      | 01/19/2022 .         | . CALL 107.30395  |               | 3,219,119   | 3,000,000    | 2,994,270    | 2,999,338  | 0                       | 25                | 0               | 25                   |                   | 2,999,364                               | 0        | 219,755     | 219,755    | 42,900             |               |
| 56035L-AC-8                | Main Street Capital Corp-SENIOR UNSECURE  |      | 12/01/2022           | . MATURITY        |               | 5,000,000   | 5,000,000    | 4,957,800    | 4,991,606  | 0                       | 8,394             | 0               | 8,394                | 0                 | 5,000,000                               | 0        | 0           | 0          | 225,000            |               |
| 57643M-LZ-5                | MASTR Asset Securitizati-MASTR 2006-1 1A  |      | 12/01/2022 .         | . PAYDOWN         |               |             | 13,586       | 10,565       | 10,961     | 0                       | 3,025             | 401             |                      |                   | 13,575                                  | 0        | 0           | 0          | 522                |               |
| 57645T-AA-5                | MASTR Adjustable Rate Mo-MARM 2007-HF2 A  |      | 12/27/2022 .         | . PAYDOWN         |               | 175,427     | 175,427      |              | 170,837    | 0                       | 4,590             | 0               | 4,590                |                   | 175,427                                 | J0       | 0           | 0          | 873                |               |
| 585055-BS-4<br>585495-AA-2 | MEDTRONIC INC-SR UNSECURED  |      | 06/01/2022           | . CALL 101.672    |               | 318,233     |              | 310,001      |            | 0                       | 129               | 0               | 129                  |                   | )312,075<br>)426.161                    | 0        |             | 6,161      | 7,790<br>4.585     |               |
| 58551V-AA-0                | Mello Warehouse Securiti-MWST 2020-2 A  |      | 08/19/2022           | VARIOUS           |               | 2,500,000   | 2,500,000    | 2,500,000    | 2,500,000  | 0                       | (5, 198)          | 0               | (5, 198)             |                   | 2,500,000                               |          | 0           |            | 4,585              |               |
| 58601V-AA-0                | Memorial Health Services-SENIOR UNSECURE  |      | 05/01/2022           | MATIRITY          |               | 1.000.000   | 1.000.000    | 1.000.000    | 1.000.000  | 0                       |                   |                 | 0                    |                   | 1.000.000                               | 0        |             | 0          |                    |               |
| 589929-PK-8                | Merrill Lynch Mor Inv Go-GNABS 1998-GN1   |      | 04/01/2022           | . PAYDOWN         |               | 12,672      | 12.672       | 12.671       |            | 0                       | 0                 | 0               | 0                    |                   | 12.672                                  | 0        | 0           | 0          | 234                |               |
| 59020U-W4-3                | MERRILL LYNCH MORTGAGE I-SERIES 2005-A9C  |      | 11/01/2022           | . PAYDOWN         |               | 37,863      | 38,215       | 29,321       | 24, 193    | 0                       | 15, 120           |                 | 13,968               |                   | 37,863                                  | 0        | 0           | 0          | 201                |               |
| 59748T-AA-7                | MIDLAND COGEN VENTURE-SENIOR SECURED NOT  |      | 09/15/2022           | . SINKING PAYMENT |               | 104,000     | 104,000      | 104,000      | 104,006    | 0                       | (6)               | 0               | (6)                  |                   | 104,000                                 | 0        | 0           | 0          | 4,680              | 03/15/2025 .  |
| 61751D-AE-4                | Morgan Stanley Mortgage -MSM 2006-17XS A  |      | 12/01/2022           | . PAYDOWN         |               | 35,395      | 35,395       | 21,398       | 12,704     | 0                       | 22,845            | 153             | 22,692               |                   | 35,395                                  | 0        | 0           | 0          | 236                | 10/01/2046 .  |
| 61751M-AU-8                | Morgan Stanley Mortgage -MSM 2007-10XS A  |      | 12/01/2022 .         | . PAYDOWN         |               | 146,929     | 146,929      | 133,843      | 131,204    | 0                       | 15,725            | 0               | 15,725               | 0                 | 146,929                                 | 0        | 0           | 0          | 1,149              |               |
| 61754P-AA-2                | Morgan Stanley Mortgage -MSM 2007-8XS A1  |      | 12/01/2022           | . PAYDOWN         |               | 59,210      | 59,210       | 37,747       | 0          | 0                       | 21,464            | 0               | 21,464               |                   | 59,210                                  | 0        | 0           | 0          | 473                |               |
| 61758M-AA-5                | Morgan Stanley Re-REMIC -MSRR 2009-R2 1A  |      | 07/01/2022           | . PAYDOWN         |               | 165,982     | 165,982      | 172,377      | 164, 172   | 0                       | 1,810             | 0               | 1,810                |                   | 165,982                                 | 0        | 0           | 0          | 3, 186             |               |
| 61758V-AQ-0                | Morgan Stanley Re-REMIC -MSRR 2010-R2 3B  |      | 10/01/2022           | . PAYDOWN         |               | 109,247     | 109,247      | 45,281       |            | 0                       | 38,721            | 0               | 38,721               |                   | 109,247                                 | 0        | 0           | 0          | 2,998              |               |
| 61761Q-AE-3<br>61915R-AB-2 | MORGAN STANLEY BANK OF A-MSBAM 2013-C8 A  |      | 11/01/202212/25/2022 | . PAYDOWN         |               | 1,000,000   |              | 945,938      |            | 0                       | 7,590             | 0               |                      |                   | 1,000,000                               | 0        | 0           | 0          | 25,339             |               |
| 62942K-AA-4                | MortgageIT Trust 2005-2-MHL 2005-2 1A2<br>NRP Mortgage Trust 2013NRPMT 2013-1 A1  |      | 12/25/2022 .         | PAYDOWN           |               | 104.117     |              |              |            | 0                       |                   | 0               | 3.837                |                   | ) 104, 117                              |          |             |            |                    |               |
| 62955M-AA-4                | NRZ FHT Excess LLC-NZES 2020-FHT1 A   |      | 12/25/2022           | PAYDOWN           |               | 224.109     |              |              |            | 0                       | 4                 |                 | 4                    |                   | 224, 109                                | 0        |             | 0          | 4.874              |               |
| 636180-BL-4                | NATIONAL FUEL GAS CO-SENIOR UNSECURED NO  |      | 11/25/2022           | . CALL 100        |               | 600.000     |              |              |            | 0                       | 140               | 0               | 140                  |                   | 599.931                                 | 0        | 69          | 69         |                    |               |
| 64016N-AC-1                | Neighborly Issuer 2022-1-NBLY 2022-1A A2  |      | 10/30/2022           | PAYDOWN           |               | 52,500      | 52,500       | 52,500       | 0          | 0                       | 0                 | 0               | 0                    |                   | 52,500                                  | 0        | 0           | 0          | 1,029              |               |
| 643528-AB-8                | New Century Alternative -NCAMT 2006-ALT1  |      | 12/01/2022           | . PAYDOWN         |               | 3,792       | 3,792        | 3,250        | 1,065      | 0                       | 2,737             | 9               | 2,728                |                   | 3,792                                   | 0        | 0           | 0          | 22                 | 207/01/2036 . |
| 643529-AC-4                | New Century Alternative -NCAMT 2006-ALT2  |      | 12/01/2022           | . PAYDOWN         |               | 10,985      | 10,985       | 6,914        | 2,503      | 0                       | 8,496             | 14              | 8,482                |                   | 10,985                                  | 0        | 0           | 0          | 58                 | 10/01/2036 .  |
| 643529-AD-2                | New Century Alternative -NCAMT 2006-ALT2  |      | 12/01/2022           | . PAYDOWN         |               | 5,492       | 5,492        | 3,652        | 1,252      | 0                       | 4,240             | 0               | 4,240                |                   | 5,492                                   | 0        | 0           | 0          | 29                 |               |
| 647551-A@-9                | New Mountain Finance Cor Senior Note Ser  |      | 07/15/2022           | . MATURITY        |               | 3,000,000   | 3,000,000    | 3,000,000    | 3,000,026  | 0                       | (26)              | 0               | (26)                 | 0                 | 3,000,000                               | 0        | 0           | 0          | 142,800            |               |
| 64831J-AA-7                | New Residential Advance -NRART 2020-APT1  |      | 12/15/2022           | . PAYDOWN         |               | 3,000,000   | 3,000,000    | 2,999,996    | 2,999,999  | 0                       | 1                 | 0               | 1                    |                   | 3,000,000                               | 0        | 0           | 0          | 28,454             |               |
| 649604-AD-7                | New York Mortgage Trust -SENIOR UNSECURE  |      | 01/15/2022 .         | . MATURITY        |               | 2,000,000   | 2,000,000    | 1,980,000    | 1,999,715  | 0                       | 285               | 0               | 285                  |                   | 2,000,000                               | 0        | (9.808)     | 0          | 62,500             |               |
| 650119-AA-8<br>65251X-AN-6 | New York University-UNSECURED   |      | 07/01/2022           | . CALL 100        |               | 198,000     | 198,000      | 214,830      |            | 0                       | (383)             | 0               | (383)                |                   | 207,808                                 | J0       | (9,808)     | (9,808)    |                    |               |
| 65251X-AN-6<br>65535V-SJ-8 | NewStar Berkeley Fund CL-NSBKY 2016-1A A Nomura Asset Acceptance -NAA 2006-AP2 A2 |      | 12/01/2022           | PAYDOWN           | -             |             |              |              |            | 0                       | 20.013            |                 |                      |                   | )                                       | J0       | 0           |            |                    |               |
| 65538P-AA-6                | Nomura Asset Acceptance -NAA 2006-AF2 AZ  |      | 12/01/2022 .         | PAYDOWN           |               |             |              |              |            | n                       | 12.094            | n               | 12,094               |                   | 30.229                                  | n        | n           | n          | 387                |               |
| 65539C-AK-2                | Nomura Resecuritization -NMRR 2011-4RA 1  |      | 12/01/2022           | . PAYDOWN         |               |             | 52.648       |              |            | 0                       | 9.293             | 0               | 9.293                |                   | 55.833                                  |          | 0           | 0          | 774                |               |
| 667294-AW-2                | NORTHWEST AIR 2001-1 A1-FIRST LIEN  |      | 04/01/2022           | . MATURITY        |               | 12,371      | 12,371       | 12,680       |            | 0                       | (14)              | 0               | (14)                 |                   | 12,371                                  | 0        | 0           | 0          | 436                |               |
| 67098A-AM-1                | OBX 2019-INV1 Trust-OBX 2019-INV1 A12   |      | 12/01/2022           | . PAYDOWN         |               | 468,746     |              |              |            | 0                       | 32, 195           | 0               | 32, 195              |                   | 468,746                                 | 0        | 0           | 0          |                    |               |
| 67181D-AA-9                | Oak Street Investment Gr-OAKIG 2020-1A A  |      | 12/20/2022           | . PAYDOWN         |               |             | 17,439       |              | 17,439     | 0                       | 1                 | 0               | 1                    |                   | 17,439                                  | 0        | 0           | 0          | 175                |               |
| 67181D-AB-7                | Oak Street Investment Gr-SERIES 20-1A CL  |      | 12/20/2022 .         | . PAYDOWN         |               |             | 17,439       | 17,432       | 17,433     | 0                       | 6                 | 0               | 6                    | 0                 | 17,439                                  | 0        | 0           | 0          | 209                |               |
| 67190A-AA-4                | Oak Street Investment Gr-OAKIG 2021-1A A  |      | 12/20/2022           | . PAYDOWN         | .             | 32,668      | 32,668       |              | 32,663     | 0                       | 5                 | 0               | 5                    |                   | 32,668                                  | 0        | 0           | 0          | 262                |               |
| 67190A-AB-2                | Oak Street Investment Gr-OAKIG 2021-1A A  |      | 12/20/2022           | . PAYDOWN         |               | 26, 134     | 26, 134      |              | 26, 131    | 0                       | 3                 | 0               | 3                    | 0                 | 26, 134                                 | 0        | 0           | 0          | 273                |               |
| 67448Q-AC-5                | OBX 2019-EXP1 Trust-OBX 2019-EXP1 1A3   |      | 12/01/2022 .         | . PAYDOWN         |               | 98,307      |              | 97,816       |            | 0                       | 464               | 0               | 464                  |                   | 98,307                                  | J0       | 0           | 0          |                    |               |
| 674599-CM-5                | Occidental Petroleum Cor-SENIOR UNSECURE  |      | 03/09/2022 .         | . CA_CASH_CLOSE   |               | 1,975,000   | 2,000,000    | 1,991,580    | 1,995,603  | 0                       | 165               | 0               | 165                  | J                 | 1,995,768                               | J0       | (20,768)    | (20,768)   | 34,000             |               |
| 679574-AG-8<br>68268H-AA-4 | One Main Financial Legypp OMFIT 2016 2A A   |      | 12/01/2022 .         |                   |               |             | 83,333       |              | 87,448     | 0                       | (4, 115)          |                 | (4, 115)             |                   | 0                                       | J0       | 0           | 0          | 5, 175<br>7, 529   |               |
|                            | OneMain Financial Issuan-OMFIT 2016-3A A PMT Loan Trust 2013-J1-PMTLT 2013-J1 A1  |      | 12/01/2022           | PAYDOWN           |               |             |              |              | 687,430    | U                       |                   |                 | 1.914                |                   | 78.557                                  | u        |             | 0<br>n     |                    |               |
| 000400-AA-0                | IIIII LUQII IIUST ZUIJ-UI-FMILI ZUIJ-JI AI  | 1    | 1 14/01/4044         | . II A I DUIII    |               |             |              |              | 1          | U                       |                   |                 |                      | 1                 | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |          |             |            |                    |               |

| -                          | •   |      | 1 4          |                    |           |            | Sonds and Sto |              |            |            |            |            |                |           | 40        | 4-        | 40          | 40         | 00        | T 01         |
|----------------------------|---|------|--------------|--------------------|-----------|------------|---------------|--------------|------------|------------|------------|------------|----------------|-----------|-----------|-----------|-------------|------------|-----------|--------------|
| 1                          | 2   | 3    | 4            | 5                  | 6         | 7          | 8             | 9            | 10         |            | - J        |            | Carrying Value |           | 16        | 17        | 18          | 19         | 20        | 21           |
|                            |   |      |              |                    |           |            |               |              |            | 11         | 12         | 13         | 14             | _15       |           |           |             |            |           |              |
|                            |   |      |              |                    |           |            |               |              |            |            |            | 0          | T. ( )         | Total     |           |           |             |            | David     |              |
|                            |   |      |              |                    |           |            |               |              |            |            |            | Current    | Total          | Foreign   | D 1 /     |           |             |            | Bond      |              |
|                            |   |      |              |                    |           |            |               |              | D: V       |            |            | Year's     | Change in      | Exchange  | Book/     |           |             |            | Interest/ |              |
|                            |   |      |              |                    |           |            |               |              | Prior Year |            | Current    | Other-     | Book/          | Change in | Adjusted  | Foreign   |             |            | Stock     | Stated       |
|                            |   |      |              |                    |           |            |               |              | Book/      | Unrealized | Year's     | Than-      | Adjusted       | Book/     | Carrying  | Exchange  |             |            | Dividends | Con-         |
| CUSIP                      |   | _    |              |                    | Number of | _          |               |              | Adjusted   | Valuation  | (Amor-     | Temporary  | Carrying       | Adjusted  | Value at  | Gain      | Realized    | Total Gain | Received  | tractual     |
| Identi-                    |   | For- |              | Name               | Shares of | Con-       |               |              | Carrying   | Increase/  | tization)/ | Impairment |                | Carrying  | Disposal  | (Loss) on | Gain (Loss) | (Loss) on  | During    | Maturity     |
| fication                   | Description   | eign | Date         | of Purchaser       | Stock     | sideration | Par Value     | Actual Cost  | Value      | Decrease   | Accretion  | Recognized | (11+12-13)     | Value     | Date      | Disposal  | on Disposal | Disposal   | Year      | Date         |
| 693476-BN-2                | PNC Financial Services G-SENIOR UNSECURE  |      | 02/07/2022 . | . CALL 100         |           | 1,000,000  | 1,000,000     | 994,440      | 999,881    | 0          | 59         |            | 59             | 0         | 999,940   |           | 60          | 60         | 13,658    | 03/08/2022   |
| 693684-AA-0                | PSMC 2020-1 Trust-PSMC 2020-1 A1  |      | 12/01/2022 . | . PAYDOWN          |           | 135,059    | 135,059       | 138,077      | 137,924    | 0          | (2,865)    | ) 0        | (2,865)        | 0         | 135,059   |           | 00          | 0          | 1,654     | 01/01/2050   |
| 69374X-AA-8                | PSMC 2019-2 Trust-PSMC 2019-2 A1  |      | 12/01/2022   | . PAYDOWN          |           | 98,809     | 98,809        | 100,786      | 101, 167   | 0          | (2,358)    | ) 0        | (2,358)        | 0         | 98,809    |           | 00          | 0          | 902       | 10/01/2049   |
| 69375B-AA-5                | PSMC 2019-3 Trust-PSMC 2019-3 A1  |      | 12/01/2022   | . PAYDOWN          |           | 104,298    | 104,298       | 105,814      | 106, 131   | 0          | (1,833)    | ) 0        | (1,833)        | 0         | 104,298   |           | 00          | 0          | 1,098     | 11/01/2049   |
| 69546T-AA-0                | Pagaya Al Debt Selection-PAID 2020-3 A  |      | 08/15/2022   | . PAYDOWN          |           | 546,560    | 546,560       | 546,555      | 546,558    | 0          | 1          | 0          | 1              | 0         | 546,560   |           | 0           | 0          | 3,682     | 05/17/2027   |
| 70109H-AK-1                | Parker-Hannifin Corp-NOTE   |      | 09/15/2022   | . MATURITY         |           |            | 1,000,000     | 988,480      |            | 0          | 812        | 0          | 812            | 0         | 1,000,000 |           | 00          | 0          | 35,000    | 09/15/2022   |
| 709599-AH-7                | PENSKE TRUCK LEASING/PTL-SENIOR UNSECURE  |      | 07/11/2022   | . MATURITY         |           | 2,000,000  | 2,000,000     | 1,987,520    | 1,999,185  | 0          | 815        | 0          | 815            | 0         | 2,000,000 |           | 0           | 0          | 97,500    | 07/11/2022   |
| 712704-AA-3                | People's United Financia-SENIOR UNSECURE  |      | 10/06/2022   | . CALL 100         |           | 3,000,000  | 3,000,000     | 2,990,040    | 2,998,922  | 0          | 781        | 0          | 781            | 0         | 2,999,704 |           | 296         | 296        | 91,250    | 12/06/2022   |
| 718546-AC-8                | PHILLIPS 66-SENIOR UNSECURED NOTE   |      | 04/01/2022   | . MATURITY         |           | 500,000    | 500,000       | 498,815      |            | 0          | 34         | 0          | 34             | 0         | 500,000   |           | 0           | 0          | 10,750    |              |
| 74331C-AA-6                | Progress Residential 202-PROG 2020-SFR1   |      | 12/01/2022   | . PAYDOWN          |           | 2,693      | 2,693         | 2,692        | 2,692      | 0          | l 1        | 0          | 1              | 0         | 2,693     |           | 0           | 0          | 40        | 04/01/2037   |
| 74348T-AJ-1                | Prospect Capital Corp-SENIOR UNSECURED  | ļ    | 09/01/2022   | . BASS TRADING LLC |           | 1,000,000  | 1,000,000     | 1,000,000    | 1,000,000  | 0          | 0          | 0          | 0              | 0         | 1,000,000 |           | 0           | 0          | 57,281    |              |
| 74387Y-AD-5                | Provident Funding Mortga-PFMT 2021-1 A2A  | ļ    | 12/01/2022   | . PAYDOWN          |           | 569, 100   |               |              |            | 0          | 5,078      | 0          | 5,078          | 0         | 569, 100  |           | 0           |            | 5,785     |              |
| 747262-AS-2                | QVC Inc-FIRST LIEN  | l    | 01/05/2022   | . GOLDMAN          |           | 1,061,250  | 1,000,000     | 999,270      |            | 0          | 11         | 0          | 1              | 0         | 999,845   |           | 61,405      | 61,405     | 12,933    |              |
| 747262-AU-7                | QVC INC-1ST LIEN  |      | 04/19/2022   | . VARIOUS          |           | 986 . 140  | 1.000.000     | 998.600      |            | 0          | 28         | 0          | 28             |           | 999.565   |           | (13,425)    | (13,425)   | 29.421    |              |
| 74923H-AQ-4                | . RALI Series 2007-QS4 Tru-RALI 2007 QA 3A  |      | 12/01/2022   | PAYDOWN            |           | 21,741     | 22,434        |              | 21,511     | 0          | 997        | 104        | 893            | 0         | 21.741    | (         | 0           | 0          | 629       |              |
| 74927T-AC-5                | RBSSP Resecuritization T-RBSSP 2010-9 3A  |      | 12/28/2022   | PAYDOWN            |           | 135,224    |               |              |            | 0          |            | 0          |                | 0         | 135, 224  | (         | 0           | 0          | 2.189     |              |
| 74928D-AV-7                | RBSSP Resecuritization T-RBSSP 2009-1 7A  |      | 12/01/2022   | PAYDOWN            |           | 104.572    | 96.922        |              |            | 0          | 59.883     |            | 59.883         | 0         | 104.572   |           | 0           | 0          | 1.104     |              |
| 74928F-AY-6                | RBSSP Resecuritization T-RBSSP 2009-3 6A  |      | 12/01/2022   | PAYDOWN            |           | 50.617     | 59.594        |              | 9.671      | 0          | 46 . 255   |            |                | 0         | 50.617    |           | 0           | 0          | 2.365     |              |
| 74928U-AM-9                | RBSSP Resecuritization T-RBSSP 2009-12 5  |      | 12/01/2022   | PAVDOWN            |           | 110.933    |               |              |            | 0          | 19.686     |            | 19.686         | 0         | 110.933   |           | 0           | 0          | 1.402     |              |
| 749357-AA-7                | RCKT Mortgage Trust 2019-RCKT 2019-1 A1   |      | 12/01/2022   | PAVDOWN            |           |            |               |              | 91,170     |            | (1.783     |            | (1.783)        |           |           |           |             |            | 874       |              |
| 749389-AA-0                | RCKT Mortgage Trust 2020-RCKT 2020-1 A1   |      | 12/01/2022   | DAVDOWN            |           | 227 . 186  |               | 216.963      |            | 0          | 14.935     | ,          | 14.935         |           | 227 . 186 |           |             | 0          | 2.435     |              |
| 74968R-AA-3                | RMF Proprietary Issuance-RPIT 2019-1 A  |      | 12/25/2022   | PAVDOWN            |           | 909.689    |               | 902.647      |            |            | 5.768      |            | 5.768          |           | 909.689   |           |             |            | 9.703     |              |
| 74969M-AA-3                | RMF Proprietary Issuance-RPIT 2020-1 A  |      | 12/25/2022   | DAVDOWN            |           | 454 .807   |               | 454.807      |            |            |            |            |                |           | 454.807   |           |             |            | 7.576     |              |
| 75115D-AA-3                | RALI Series 2006-QS13 Tr-RALI 2006-QS13   |      | 12/25/2022 . | DAVDOWN            |           | 81.440     | 93.268        |              |            | 0          | 20.739     | 0          | 20,739         |           | 81.440    |           |             |            | 376       |              |
| 75116C-ET-9                | RESIDENTIAL ACCREDIT LOA-SERIES 2007-QS6  |      | 12/23/2022 . | DAVDOWN            |           | 31.230     |               |              |            |            | 20,739     |            |                |           | 31.230    |           |             |            | 942       |              |
| 75116F-BH-1                | RALI Series 2007-QS9 Tru-RALI 2007-QS9 A  |      | 12/01/2022   | DAVDOWN            |           | 127.722    |               | 140.960      |            |            | 4.792      | ,          | 3.918          |           | 127.722   |           |             |            | 4.682     |              |
| 75575J-AA-3                | Ready Capital Mortgage F-RCMT 2020-FL4 A  |      | 12/01/2022   | DAVDOWN            |           | 1.989.202  | 1.989.202     | 1.989.202    | 1.989.202  | 0          | 4,792      | 8/4        | 3,918          |           | 1.989.202 |           |             |            |           |              |
| 75971F-AY-9                | RENAISSANCE HOME EQUITY -RAMC 2007-3W AF  |      | 12/21/2022 . | DAYDOWN            |           |            |               |              |            | 0          | 14.620     | 0          | 14.620         | 0         |           |           |             |            | 837       |              |
| 759950-EM-6                |   |      | 12/01/2022 . | DAVDOWN            |           | 144,016    | 144,016       |              |            | 0          | 11,082     |            | 11,082         |           | 144.016   |           |             |            |           |              |
| 761118-KH-0                | Renaissance Home Equity -RAMC 2004-4 AF5 RALI Series 2005-QS15 Tr-RALI 2005-QS15  |      | 12/01/2022   | DAYDOWN            |           |            | 32.345        |              |            | 0          | 10, 111    |            |                | 0         | 36.309    |           |             |            | 697       | 1.10/01/2035 |
| 761118-KH-U<br>761118-SC-3 | RALI Series 2005-QS15 Tr-HALI 2005-QS15 RALI Series 2006-QS1 Tru-RALI 2006-QS1 A  |      | 12/01/2022 . | PAYDOWN            |           |            |               |              |            |            |            |            |                |           |           | J         |             |            |           |              |
| 761118-50-3<br>761118-UG-1 | RALI Series 2006-QS1 Tru-RALI 2006-QS1 A RALI Series 2006-QS2 Tru-RALI 2006 QS2 1 |      | 12/01/2022 . | DAYDOWN            |           |            | 41,287        |              |            |            | 2,3/5      |            | 2,313          |           |           | J         |             | J          |           |              |
|                            |   |      | 12/01/2022 . | DAYDOWN            |           |            | 15,431        |              |            |            |            |            |                | 0         | 20,454    | J         |             | J          |           |              |
| 761118-UQ-9<br>76112B-NM-8 | RALI Series 2006-QS2 Tru-RALI 2006-QS2 1  |      | 12/01/2022 . | DAYDOWN            |           |            | 15,431        |              |            |            |            |            |                | 0         | 14,2/5    | ļ         |             | J          |           |              |
| 76112B-NM-8<br>76971E-AA-2 | GMACM Mortgage Loan Trus-GMACM 2005-AA1   |      | 12/01/2022 . | PAYDOWN            |           | 250,326    |               | 238,972      | , .        |            | (1.046     |            |                | 0         | 250,326   |           |             |            |           |              |
| 784054-AB-4                | RMF Buyout Issuance Trus-RBIT 2020-HB1 A  |      |              | DAVDOUN            |           |            |               | 1. 137 . 108 |            | 0          | (1,046     | / 0        | (1,046)        | 0         |           |           |             | 0          | 4,434     |              |
|                            | SCF Equipment Leasing 20-SCFET 2020-1A A  |      | 03/20/2022 . | . PAYDUWN          |           |            |               | , , ,        |            | J0         | 1/         | 0          | 1/             | 0         |           | ļ         | 0           | 0          |           |              |
| 80282K-AP-1                | Santander Holdings USA I-SENIOR UNSECURE  |      | 08/23/2022 . | . MORGAN           |           | 2,915,490  | 3,000,000     | 2,994,480    | 2,996,688  | J0         | 260        |            | 260            | 0         | 2,996,948 | J         | (81,458)    | (81,458)   | 147,400   |              |
| 808513-AG-0                | CHARLES SCHWAB CORP-SENIOR UNSECURED NOT  |      | 09/01/2022 . | . MATURITY         |           | 1,000,000  | 1,000,000     | 1,000,590    | 1,000,051  | J0         | (51)       | *          | (51)           | 0         | 1,000,000 | J         | .  0        | J          |           |              |
| 81743A-AA-7                | SEQUOIA MORTGAGE TRUST 2-SEMT 2019-5 A1   |      | 12/01/2022 . | . PAYDOWN          |           | 292,965    |               | 298,092      | 297,666    | J 0        | (4,701)    | ,          | (4,701)        | 0         | 292,965   | J         | .  0        | 0          | 3,525     |              |
| 81745A-AB-3                | Sequoia Mortgage Trust 2-SEMT 2013-5 A2   |      | 12/01/2022 . | . PAYDUWN          |           | 77,009     |               | 72,906       |            | J0         | 3,450      |            | 3,450          | 0         | 77,009    | J         | .  0        | J          | 936       |              |
| 81745J-AA-6                | Sequoia Mortgage Trust 2-SEMT 2013-11 A1  |      | 12/01/2022 . | . PAYDOWN          |           | 55,353     | 55,353        | 54,609       | 54,716     | 0          | 637        |            | 637            | 0         | 55,353    | J         | ·  0        | 0          | 861       |              |
| 81745M-AA-9                | Sequoia Mortgage Trust 2-SEMT 2013-2 A  |      | 12/01/2022 . | . PAYDOWN          |           | 135,045    | 135,045       | 120,978      | 123,512    | 0          | 11,533     |            | 11,533         | 0         | 135,045   |           | 0           | 0          | 967       |              |
| 81748J-AA-3                | Sequoia Mortgage Trust 2-SEMT 2019-4 A1   |      | 12/01/2022 . | . PAYDOWN          |           | 71, 118    | 71,118        | 72,607       |            | 0          | (2,219     | ·          | (2,219)        | 0         | 71, 118   |           | 0  0        | 0          | 691       |              |
| 81748K-AA-0                | Sequoia Mortgage Trust 2-SEMT 2020-2 A1   |      | 12/01/2022   | . PAYDOWN          |           | 155,442    | 155,442       | 159,279      | 160,830    | 0          | (5,388     | ) 0        | (5,388)        | 0         | 155,442   |           | 0  0        | 0          | 1,772     |              |
| 817743-AA-5                | SERVPRO Master Issuer LL-SPRO 2019-1A A2  |      | 10/25/2022   | . PAYDOWN          |           | 10,000     | 10,000        | 10,000       | 10,000     | 0          | 0          | 0          | 0              | 0         | 10,000    | J         | 0           | 0          | 243       |              |
| 83546D-AL-2                | Sonic Capital LLC-SONIC 2020-1AW A2IW   |      | 11/20/2022 . | . PAYDOWN          |           | 6,875      | 6,875         | 6,995        | 6,991      | 0          | (116       | ,          | (116)          | 0         | 6,875     |           | 00          | 0          | 117       | 01/20/2050 . |
| 83546D-AM-0                | Sonic Capital LLC-SONIC 2020-1AW A21W   |      | 11/20/2022   | . PAYDOWN          |           | 11,458     | 11,458        | 12, 177      | 12, 152    | 0          | (694       | ·          | (694)          | 0         | 11,458    |           | 0           | 0          | 157       | 01/20/2050   |
| 83611M-JX-7                | Soundview Home Loan Trus-SVHE 2005-0PT4   |      | 12/27/2022   | . PAYDOWN          |           | 157 , 180  | 157 , 180     | 120,243      | 153,440    | 0          | 3,740      |            | 3,740          | 0         | 157 , 180 |           | 00          | 0          |           | 12/25/2035 . |
| 84858D_44_6                | SPIRIT AIR 2015_1 PTT A_SECURED   | 1    | 10/01/2022   | SINKING PAVMENT    | 1         | 48 286     | 48 286        | 48 286       | 48 306     |            | (20)       | ) n        | (20)           | 1 0       | 48 286    |           |             | ١          | 1 /85     | 04/01/2028   |

|                            |  |      |            | ;                 | Showing All I | Long-Term B | onds and Sto | ocks SOLD, F | REDEEMED   | or Otherwis | se DISPOS    | SED OF Dur   | ing Current    | Year      |           |           |             |            |                |               |
|----------------------------|--|------|------------|-------------------|---------------|-------------|--------------|--------------|------------|-------------|--------------|--------------|----------------|-----------|-----------|-----------|-------------|------------|----------------|---------------|
| 1                          | 2  | 3    | 4          | 5                 | 6             | 7           | 8            | 9            | 10         | (           | Change In Bo | ook/Adjusted | Carrying Value | 9         | 16        | 17        | 18          | 19         | 20             | 21            |
|                            |  |      |            |                   |               |             |              |              |            | 11          | 12           | 13           | 14             | 15        |           |           |             |            |                |               |
|                            |  |      |            |                   |               |             |              |              |            |             |              |              |                | Total     |           |           |             |            |                |               |
|                            |  |      |            |                   |               |             |              |              |            |             |              | Current      | Total          | Foreign   |           |           |             |            | Bond           |               |
|                            |  |      |            |                   |               |             |              |              |            |             |              | Year's       | Change in      | Exchange  | Book/     |           |             |            | Interest/      |               |
|                            |  |      |            |                   |               |             |              |              | Prior Year |             | Current      | Other-       | Book/          | Change in | Adjusted  | Foreign   |             |            | Stock          | Stated        |
|                            |  |      |            |                   |               |             |              |              | Book/      | Unrealized  | Year's       | Than-        | Adjusted       | Book/     | Carrying  | Exchange  |             |            | Dividends      | Con-          |
| CUSIP                      |  |      |            |                   | Number of     |             |              |              | Adjusted   | Valuation   | (Amor-       | Temporary    | Carrying       | Adjusted  | Value at  | Gain      | Realized    | Total Gain | Received       | tractual      |
| Identi-                    |  | For- |            | Name              | Shares of     | Con-        |              |              | Carrying   | Increase/   | tization)/   | Impairment   | Value          | Carrying  | Disposal  | (Loss) on | Gain (Loss) | (Loss) on  | During         | Maturity      |
| fication                   | Description  | eign | Date       | of Purchaser      | Stock         | sideration  | Par Value    | Actual Cost  | Value      | Decrease    | Accretion    | Recognized   | (11+12-13)     | Value     | Date      | Disposal  | on Disposal | Disposal   | Year           | Date          |
| 84858W-AA-4                | Spirit Airlines Pass Thr-FIRST LIEN                                  |      | 08/15/2022 | . SINKING PAYMENT |               | 56,846      | 56,846       | 56,846       | 56,864     | 0           | (18          | ) 0          | (18)           | 0         | 56,846    | 0         | 0           | 0          | 1,439          | 02/15/2030 .  |
| 855541-AC-2                | SUNTRUST ADJUSTABLE RATE-SERIES 2007-S1                              |      | 12/01/2022 | . PAYDOWN         |               | 24,008      | 24,008       | 22,453       | 20,476     | 0           |              | 0            | 3,532          | 0         | 24,008    | 0         | 0           | 0          | 243            | 01/01/2037 .  |
| 86212V-AA-2                | Store Master Funding I-V-STR 2016-1A A1                              |      | 12/20/2022 | . PAYDOWN         |               | 32,469      | 32,469       | 32,451       | 32,460     | 0           | 9            | 0            | 9              | 0         | 32,469    | 0         | 0           | 0          | 701            | 110/20/2046 . |
| 86212V-AD-6                | Store Master Funding I-V-STR 2018-1A A1                              |      | 12/20/2022 | . PAYDOWN         |               | 20,000      | 20,000       | 19,995       | 19,998     | 0           | 2            | 0            | 2              | 0         | 20,000    | 0         | 0           | 0          | 429            |               |
| 86213C-AB-1                | STORE MASTER FUNDING LLC-SERIES 2015-1A                              |      | 12/20/2022 | . PAYDOWN         |               | 5,000       | 5,000        | 4,920        | 4,969      | 0           | 31           | 0            | 31             | 0         | 5,000     | 0         | 0           | 0          | 113            |               |
| 863579-VW-5                | Structured Adjustable Ra-SARM 2005-17 5A                             |      | 12/25/2022 | PAYDOWN           |               | 70,881      | 69,858       | 48,816       | 41,149     | 0           | 29,214       |              | 29,214         | 0         | 70,881    | 0         | 0           | 0          | 301            |               |
| 863579-XC-7                | Structured Adjustable Ra-SARM 2005 - 18                              |      | 12/01/2022 | . PAYDOWN         |               | 122,408     | 119,576      | 86,905       | 89,562     | 0           | 34,244       | 3,268        | 30,976         | 0         | 122,408   | 0         | 0           | 0          | 1,701          |               |
| 86360B-AJ-7                | Structured Adjustable Ra-SARM 2006-4 5A1                             |      | 12/01/2022 | PAYDOWN           |               | 17,561      | 17,813       | 14,585       | 14,118     | 0           | 3,635        | 0            | 3,635          | 0         | 17,561    | 0         | 0           | 0          | 269            |               |
| 86363B-AA-3                | Structured Asset Securit-SASC 2007-RM1 A                             |      | 12/27/2022 | PAYDOWN           |               | 2,490,215   | 2,490,215    | 2,353,253    | 2,360,845  | J 0         | 129,370      | 0            | 129,370        | 0         | 2,490,215 | J0        | 0           | 0          | 13,243         |               |
| 86363G-AF-1                | Structured Adjustable Ra-SARM 2007-3 3A1                             |      | 12/01/2022 | . PAYDOWN         |               | 63,423      | 63,425       | 36,829       | 37,481     | 0           | 26,615       | 672          | 25,943         | 0         | 63,423    | 0         | 0           | 0          | 683            |               |
| 869507-AA-1                | SUTTONPARK STRUCTURED SE-SERIES 17-1A CL                             |      | 12/15/2022 | . PAYDOWN         |               | 57,400      | 57,400       |              | 57,377     | 0           | 23           | 0            | 23             | 0         | 57,400    | 0         | 0           | 0          | 1,775          |               |
| 87222E-AB-4                | TBW Mortgage-Backed Trus-TBW 2007-1 A2                               |      | 12/27/2022 | . PAYDOWN         |               | 97,726      | 97,726       |              | 0          | 0           | 69,751       |              | 68,873         | 0         | 97,726    | 0         | 0           | 0          | 141            | 03/25/2037 .  |
| 87222E-AC-2                | TBW Mortgage-Backed Trus-TBW 2007-1 A3                               |      | 12/01/2022 | . PAYDOWN         |               | 89,501      | 89,501       |              | 0          | 0           | 57,737       | 692          | 57,045         | 0         | 89,501    | 0         | 0           | 0          | 274            |               |
| 87342R-AF-1                | Taco Bell Funding LLC-BELL 2018-1AW A2W                              |      | 11/25/2022 | . PAYDOWN         |               | 10,000      | 10,000       | 10,000       |            | 0           | (2           | *            | (2)            | 0         | 10,000    | 0         | 0           | 0          | 287            |               |
| 878055-AD-4                | TCF National Bank-SUBORDINATED                                       |      | 06/08/2022 | . MATURITY        |               | 1,000,000   | 1,000,000    | 990,860      |            | 0           | 526          |              | 526            | 0         | 1,000,000 | 0         | 0           | 0          | 31,250         |               |
| 88156E-AB-2                | Terwin Mortgage Trust 20-TMTS 2006-17HE                              |      | 12/27/2022 | PAYDOWN           |               | 90,789      | 90,781       | 77,488       | 96,317     | 0           | (5,533       |              | (5,533)        | 0         | 90,789    | 0         | 0           | 0          | 1,544          |               |
| 88157V-AB-3<br>88159D-AA-3 | Terwin Mortgage Trust 20-TMTS 2007-6ALT TES 2017-1 LLC-TES 2017-1A A |      | 12/27/2022 | DAYDOWN           |               | 94,507      | 94,507       | 49, 144      |            |             |              |              | 36,964         | 0         | 94,507    |           | 0           | 0          |                |               |
| 89655Y-AA-4                | TRINITY RAIL LEASING L.P-SERIES 2009-1A                              |      | 12/16/2022 | DAYDOWN           |               |             |              |              |            |             | (16          |              | (16)           |           |           |           |             |            | 4.044          |               |
| 89656C-AA-1                | Trinity Rail Leasing 201-TRL 2010-1A A                               |      | 12/16/2022 | PAYDOWN           |               | 268.378     |              | 279.770      | 275,617    |             | (16          | ,            | (7.239)        |           | 268.378   |           |             |            | 4,044<br>7.613 |               |
| 89657B-AA-2                | Trinity Rail Leasing 201-TRL 2019-1A A                               |      | 12/10/2022 | PAYDOWN           |               | 234 . 434   |              | 223,080      |            |             |              | ) 0          |                |           | 234 . 434 |           |             |            | 4.784          |               |
| 89657B-AB-0                | Trinity Rail Leasing 201-TRL 2019-TA A                               |      | 12/17/2022 | DAYDOWN           |               | 144.621     |              | 144,587      |            |             | 200,000      |              | 20             |           | 144.621   |           |             |            |                |               |
| 90187B-AA-9                | Two Harbors Investment C-SENIOR UNSECURE                             |      | 01/15/2022 | MATURITY          |               | 2,300,000   | 2,300,000    | 2,302,132    | 2,300,032  |             | (32          | ,            | (32)           |           | 2,300,000 | ٥         |             |            | 71,875         |               |
| 902494-AT-0                | TYSON FOODS INC-SENIOR UNSECURED NOTE                                |      | 03/15/2022 | CALL 100          |               | 1.000.000   | 1.000.000    |              |            | n           | 8/1          | ,            | R/             |           | 999.781   | n         | 219         | 219        |                |               |
| 90352W-AD-6                | ITE Rail Fund Levered LP-SERIES 21-1A CL                             |      | 11/28/2022 | PAYDOWN           |               |             | 64.694       | 64.692       | 64.691     | 0           | 3            | 0            | 3              | 0         | 64.694    | 0         | 0           | 0          | 734            |               |
| 90783T-AA-8                | Union Pacific Railroad C-FIRST LIEN                                  |      | 01/02/2022 | SINKING PAYMENT   |               | 218.518     | 218,518      | 218,518      | 218.871    | 0           | (353         | ) 0          | (353)          | 0         | 218.518   | 0         | 0           | 0          | 5.904          |               |
| 909287-AA-2                | UAL 2007 PASS TRUST-FIRST LIEN                                       |      | 05/25/2022 | VARIOUS           |               | 278.274     | 278,274      |              |            | 0           | 1.111        | 0            | 1.111          | 0         | 278.006   | 0         | 268         | 268        |                |               |
| 90932L-AA-5                | UNITED AIR 2015-1 AA PTT-FIRST LIEN                                  |      | 12/01/2022 | . SINKING PAYMENT |               | 145.060     |              | 145,060      |            | 0           | (37          | ) 0          | (37)           | 0         | 145.060   | 0         | 0           | 0          | 3.753          |               |
| 90932P-AA-6                | United Airlines 2014-1 C-SECURED NOTE                                |      | 10/11/2022 | . SINKING PAYMENT |               | 53,871      | 53,871       | 53,871       | 53,890     | 0           | (19          | ) 0          | (19)           | 0         | 53,871    | 0         | 0           | 0          | 1,615          | 04/11/2026 .  |
| 90932Q-AA-4                | UNITED AIR 2014-2 A PASS THRU TR-1ST LIE                             |      | 09/03/2022 | . SINKING PAYMENT |               | 54,934      | 54,934       | 54,934       | 54,950     | 0           | (16          | ) 0          | (16)           | 0         | 54,934    | 0         | 0           | 0          | 1,544          | 09/03/2026 .  |
| 91823A-AG-6                | VB-S1 Issuer LLC-VBTOW 2018-1A C                                     |      | 02/28/2022 | . PAYDOWN         |               | 2,000,000   | 2,000,000    | 2,000,000    | 2,000,020  | 0           | (20          | ) 0          | (20)           | 0         | 2,000,000 | 0         | 0           | 0          | 14,410         | 02/15/2048 .  |
| 92212K-AA-4                | Vantage Data Centers Iss-VDC 2019-1A A2                              |      | 12/15/2022 | PAYDOWN           |               | 10,000      | 10,000       | 10,000       | 10,000     | 0           | 0            | 0            | 0              | 0         | 10,000    | 0         | 0           | 0          | 173            | 07/15/2044 .  |
| 92539J-AA-3                | Verus Securitization Tru-VERUS 2022-INV1                             |      | 12/01/2022 | . PAYDOWN         |               | 149,440     | 149,440      | 149,437      | 0          | 0           | 3            | 0            | 3              | 0         | 149,440   | 0         | 0           | 0          | 1,241          |               |
| 92539J-AB-1                | Verus Securitization Tru-VERUS 2022-INV1                             |      | 12/01/2022 | . PAYDOWN         |               | 29,888      | 29,888       | 29,888       | 0          | 0           | 0            | 0            | 0              | 0         | 29,888    | 0         | 0           | 0          | 274            |               |
| 92925V-AF-7                | WaMu Mortgage Pass-Throu-WAMU 2007-HY1 2                             |      | 12/01/2022 | . PAYDOWN         |               | 54,528      | 52,496       | 48,000       | 54,599     | 0           | (1,864       | *            | (1,864)        | 0         | 54,528    | 0         | 0           | 0          | 643            |               |
| 92938E-AM-5                | WFRBS Commercial Mortgag-WFRBS 2013-C16                              |      | 12/01/2022 | PAYDOWN           |               | 216,316     | 216,316      | 218,466      | 216,536    | 0           | (220         | '            | (220)          | 0         | 216,316   | 0         | 0           | 0          | 3,879          |               |
| 933638-AA-6                | WaMu Mortgage Pass-Throu-WAMU 2006-AR19                              |      | 12/01/2022 | PAYDOWN           |               | 104,628     | 94,053       | 90,912       | 90,912     | 0           | 4,406        |              | 4,406          | 0         | 104,628   | 0         | 0           | 0          | 316            |               |
| 93363P-AC-4                | WaMu Mortgage Pass-Throu-WAMU 2006-AR14                              |      | 12/01/2022 | . PAYDOWN         |               | 147,379     | 136,364      | 128,065      | 143,031    | 0           | (5,586       |              | (5,586)        | 0         | 147,379   | 0         | 0           | 0          | 1,402          |               |
| 93934F-MD-1                | Washington Mutual Mortga-WMALT 2006-2 2C                             |      | 12/01/2022 | . PAYDOWN         |               | 21,255      | 32,628       | 24,409       | 24,616     | 0           | 5,003        |              | 4,796          | 0         | 21,255    | 0         | 0           | 0          | 1,221          |               |
| 93934N-AC-9                | Washington Mutual Mortga-WMALT 2006-5 1A                             |      | 12/01/2022 | . PAYDOWN         |               | 22,766      | 29,056       | 26 , 151     | 27,077     | 0           | 2,052        | 1,015        | 1,037          | 0         | 22,766    | 0         | 0           | 0          | 676            |               |
| 93934N-AR-6                | Washington Mutual Mortga-WMALT 2006-5 2C                             |      | 12/25/2022 | PAYDOWN           |               | 9,278       | 11,306       | 8,931        | 4,836      | 0           | 5,986        | 0            | 5,986          | 0         | 9,278     | 0         | 0           | 0          | 72             | 207/25/2036 . |
| 94980G-AR-2                | Wells Fargo Home Equity -WFHET 2004-2 M4                             |      | 03/25/2022 | . PAYDOWN         |               | 6,243       | 6,243        | 4,308        | 6, 173     | 0           | 70           | 0            | 70             | 0         | 6,243     | 0         | 0           | 0          | 25             | 12/25/2033 .  |
| 94989Y-AY-9                | Wells Fargo Commercial M-WFCM 2016-C32 A                             |      | 07/01/2022 | . PAYDOWN         |               | 52,433      | 52,433       | 52,956       | 52,615     | 0           | (181         | '            | (181)          | 0         | 52,433    | 0         | 0           | 0          | 711            |               |
| 95002F-AA-2                | Wells Fargo Mortgage Bac-WFMBS 2019-4 A1                             |      | 12/01/2022 | . PAYDOWN         |               | 401,044     | 401,044      | 408, 187     | 409,624    | 0           | (8,581       | *            | (8,581)        | 0         | 401,044   | 0         | 0           | 0          | 5,216          |               |
| 95002K-AA-1                | Wells Fargo Mortgage Bac-WFMBS 2020-1 A1                             |      | 12/01/2022 | . PAYDOWN         |               | 60,369      | 60,369       | 61,086       | 61,407     | 0           | (1,038       | ) 0          | (1,038)        | 0         | 60,369    | 0         | 0           | 0          | 600            |               |
| 95058X-AG-3                | Wendy's Funding LLC-WEN 2019-1A A2I                                  |      | 12/15/2022 | . PAYDOWN         |               | 30,000      | 30,000       | 30,000       |            | 0           | 0            | 0            | 0              | 0         | 30,000    | 0         | 0           | 0          | 709            |               |
| 96034L-AA-9                | Westgate Resorts 2020-1 -WESTR 2020-1A A                             |      | 12/01/2022 | PAYDOWN           |               | 256,660     | 256,660      | 256,323      | 256,551    | 0           | 109          | 0            | 109            | 0         | 256,660   | 0         | 0           | 0          |                |               |
|                            | William Blair & Company, Trust Certifcat                             |      | 12/15/2022 | . SINKING PAYMENT |               |             |              |              |            | 0           | 0            | 0            | 0              | 0         | 38,140    | 0         | 0           | 0          |                |               |
| 96928*-CR-6                | William Blair & Company, Trust Certifcat                             |      | 12/15/2022 | . SINKING PAYMENT |               | 46,697      | 46,697       | 46,697       | 46,697     | 0           | 0            | 0            | 0              | 0         | 46,697    | 0         | 0           | 0          | 1,702          | 05/15/2034 .  |

### **SCHEDULE D - PART 4**

|                            |  |      |                        |                        | Showing All I | Long-Term E | onds and Sto | ocks SOLD, I | REDEEMED    | or Otherwis | se DISPOS    | SED OF Dui   | ring Current   | Year      |                    |           |              |            |           |              |
|----------------------------|--|------|------------------------|------------------------|---------------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|----------------|-----------|--------------------|-----------|--------------|------------|-----------|--------------|
| 1                          | 2  | 3    | 4                      | 5                      | 6             | 7           | 8            | 9            | 10          | (           | Change In Bo | ook/Adjusted | Carrying Value | e         | 16                 | 17        | 18           | 19         | 20        | 21           |
|                            | _  |      |                        |                        |               |             |              |              |             | 11          | 12           | 13           | 14             | 15        |                    |           |              |            |           |              |
|                            |  |      |                        |                        |               |             |              |              |             |             |              |              |                | Total     |                    |           |              |            |           |              |
|                            |  |      |                        |                        |               |             |              |              |             |             |              | Current      | Total          | Foreign   |                    |           |              |            | Bond      |              |
|                            |  |      |                        |                        |               |             |              |              |             |             |              | Year's       |                | Exchange  | Book/              |           |              |            | Interest/ |              |
|                            |  |      |                        |                        |               |             |              |              | Drier Veer  |             | 0            |              | Change in      |           |                    | Faraian   |              |            |           | Ctotod       |
|                            |  |      |                        |                        |               |             |              |              | Prior Year  | l           | Current      | Other-       | Book/          | Change in | Adjusted           | Foreign   |              |            | Stock     | Stated       |
|                            |  |      |                        |                        |               |             |              |              | Book/       | Unrealized  | Year's       | Than-        | Adjusted       | Book/     | Carrying           | Exchange  |              |            | Dividends | Con-         |
| CUSIP                      |  |      |                        |                        | Number of     |             |              |              | Adjusted    | Valuation   | (Amor-       | Temporary    | Carrying       | Adjusted  | Value at           | Gain      | Realized     | Total Gain | Received  | tractual     |
| Identi-                    |  | For- |                        | Name                   | Shares of     | Con-        |              |              | Carrying    | Increase/   | tization)/   | Impairment   |                | Carrying  | Disposal           | (Loss) on |              | (Loss) on  | During    | Maturity     |
| fication                   | Description  | eign | Date                   | of Purchaser           | Stock         | sideration  | Par Value    | Actual Cost  | Value       | Decrease    | Accretion    | Recognized   | (11+12-13)     | Value     | Date               | Disposal  | on Disposal  | Disposal   | Year      | Date         |
| 97064F-AA-3                | Willis Engine Structured-WESTF 2020-A A  |      | 12/15/2022             | PAYDOWN                |               | 112,854     | 112.854      |              | 112,854     | 0           | 0            | 0            | 0              | 0         | 112,854            |           | 0            | 0          | 1,745     | 03/15/2045 . |
| 974153-AB-4                | Wingstop Funding LLC-WSTOP 2020-1A A2  |      | 12/05/2022             | PAYDOWN                |               |             | 7.500        |              | 7,500       | 0           | 0            | 0            | 0              | 0         |                    |           | 0            | 0          |           | 12/05/2050 . |
| 97652P-AL-5                | WinWater Mortgage Loan T-WIN 2014-1 A11  |      | 12/01/2022             | PAYDOWN                |               |             | 43.853       |              |             | 0           | 251          | 0            | 251            | 0         |                    |           | 0            | 0          | 760       |              |
| 98920M-AA-0                | ZAXBY'S FUNDING LLC-ZAXBY 2021-1A A2   |      | 10/30/2022             | PAYDOWN                |               | 30.488      |              |              |             |             | 1.009        |              | 1.009          |           | 30.488             |           |              | 0          | 494       |              |
| 01609W-AQ-5                | ALIBABA GROUP HOLDING-SR UNSECURED   | D    | 03/18/2022             | JP MORGAN SECURITIES   |               | 1.007.430   | 1,000,000    |              |             | o           | 28           | 0            | 28             |           | 999.438            |           | 7 992        | 7 992      |           |              |
| 03880V-AA-8                | Arbor Realty Commercial -ARCLO 2019-FL2  | D    | 12/15/2022             | PAYDOWN                |               | 2.605.316   | 2.605.316    | 2.607.833    | 2.607.105   | 0           | (1.789       | ) 0          | (1.789)        | ) 0       | 2.605.316          |           | 0            | 0          |           |              |
| 03880W-AA-6                | Arbor Realty Collaterali-ARCLO 2020-FL1  | D    | 12/15/2022             | PAYDOWN                |               | 2,220,054   | 2,220,054    | 2,221,596    | 2,221,239   | 0           | (1,185       |              | (1,185)        | )0        | 2.220.054          |           |              | 0          |           | 02/15/2035 . |
| 05492A-AJ-0                | BFNS 2017-1-BFNS 2017-1A AR  | D    | 10/25/2022             | PAYDOWN                |               | 5,697,842   | 5,697,842    | 5,697,842    | 5,697,842   | 0           | 0            | ´ 0          | 0              | 0         | 5,697,842          | c         | 00           | 0          | 161,709   | 01/25/2029 . |
| 05492K-AA-7                | BDS 2019-FL4 LTD-BDS 2019-FL4 A  | D    | 11/18/2022             | PAYDOWN                |               | 4,805,280   | 4,805,280    | 4,477,373    | 4,733,992   | 0           | 71,289       |              | 71,289         | 0         | 4,805,280          | C         | 00           | 0          |           | 08/15/2036 . |
| 05492Q-AA-4                | . BDS 2020-FL5 LTD-BDS 2020-FL5 A  | D    | 10/18/2022             | PAYDOWN                |               | 2,067,442   | 2,067,442    | 2,069,657    | 2,068,493   | 0           | (1,051       | ) 0          | (1,051)        | )0        | 2,067,442          | C         | 00           | 0          |           | 02/16/2037 . |
| 05565Q-CP-1                | . BP CAPITAL MARKETS PLC-SR UNSECURED  | D    | 06/30/2022             | . CALL 100.843051      |               | 2,016,861   | 2,000,000    | 2,000,000    | 2,000,000   | 0           | 0            | 0            | 0              | 0         | 2,000,000          | C         | 16,861       | 16,861     | 67,804    |              |
| 05586A-AA-6                | BSPRT 2018-FL4 Issuer Lt-BSPRT 2018-FL4  | D    | 03/15/2022             | PAYDOWN                |               | 270,842     | 270,842      | 270,842      | 270,840     | 0           | 2            | 0            | 2              | 0         | 270,842            | [         | .   <u>0</u> | J          | 517       |              |
| 05586A-AC-2<br>05587T-AA-4 | BSPRT 2018-FL4 Issuer Lt-BSPRT 2018-FL4 BSPRT 2019-FL5 Issuer Lt-BSPRT 2019-FL5  | D    | 04/15/2022 .           | PAYDOWN                |               | 1,500,000   | 1,500,000    | 1,500,000    | 1,499,830   | J 0         | 170          |              | 170            | J0        | 1,500,000          | J         |              | J          | 6,774     |              |
| 056752-AN-8                | Baidu Inc-SENIOR UNSECURED   | D    | 03/18/2022             | BARCLAYS BANK PLC      |               | 4,229,948   | 4,229,948    | 4,231,328    | 4,230,503   | 0           | (555         | ) 0          | 172            | )  0      | 1,993,558          |           | 131.442      | 131.442    | 32,887    |              |
| 12434L-AA-2                | BXMT 2020-FL2 LTD-BXMT 2020-FL2 A  | D    | 12/16/2022             | PAYDOWN                |               |             |              |              |             | 0           | 1/2          | 0            | 1/2            |           | 462.435            |           | 131,442      | 131,442    |           |              |
| 15672R-AA-3                | Cerberus Loan Funding XX-CERB 2018-3A A1   | D    | 10/17/2022             | PAYDOWN                |               | 31.801      |              |              |             | o           | 7            | 0            | 7              |           | 31.801             |           | 0            | 0          | 773       |              |
| 21685W-DF-1                | COOPERATIEVE RABOBANK UA-MTN TROOO78   | D    | 11/09/2022             | MATURITY               |               | 1.000.000   | 1,000,000    | 998.690      |             | 0           | 125          | 0            | 125            | 0         | 1.000.000          |           | 0            | 0          |           | ,,           |
| 244608-AA-3                | Deerpath Capital CLO 201-DPATH 2018-1A A   | D    | 07/06/2022             | PAYDOWN                |               | 1.000,000   | 1,000,000    | 1.000.000    | 1,000,108   | 0           | (108         |              | (108)          | )0        | 1.000.000          |           | 0            | 0          |           |              |
| 244608-AJ-4                | Deerpath Capital CLO 201-DPATH 2018-1A A   | D    | 07/15/2022             | PAYDOWN                |               | 3,000,000   | 3,000,000    | 3,000,000    | 3,000,546   | 0           | (546         | ) 0          | (546)          | 0         | 3,000,000          |           | 0            | 0          |           |              |
| 268317-AU-8                | Electricite de France SA-SENIOR UNSECURE   | D    | 08/10/2022             | VARIOUS                |               | 2,981,491   | 3,000,000    | 2,963,640    | 2,973,925   | 0           | 2,052        | 0            |                | 0         | 2,975,978          | C         | 5,513        | 5,513      | 118,661   | 09/21/2028 . |
| 28851Q-AE-3                | Ellington Clo I Ltd-ECLO 2017-1A AR  | D    | 10/17/2022             | PAYDOWN                |               | 716,657     | 716,657      | 716,657      | 716,569     | 0           | 88           | 0            | 88             | 0         | 716,657            | C         | 00           | 0          | 11, 127   |              |
| 28852E-AA-7                | Ellington Clo II Ltd-ECLO 2017-2A A  | D    | 11/15/2022 .           | PAYDOWN                |               | 1,309,612   | 1,309,612    | 1,309,612    | 1,308,761   | 0           | 851          | 0            | 851            | 0         | 1,309,612          | C         | 00           | 0          | 18,525    |              |
| 30312U-AA-1                | FS Rialto 2019-FL1-FSRIA 2019-FL1 A  | D    | 12/16/2022             | PAYDOWN                |               | 1,746,335   | 1,746,335    | 1,746,335    | 1,746,335   | 0           | 0            | 0            | 0              | 0         | 1,746,335          |           | 0            | 0          | 17,753    |              |
| 34960J-AS-4                | Fortress Credit Opportun-FCO 2015-6A A1T   | D    | 10/11/2022             | . PAYDOWN              |               | 356,255     |              |              |             | 0           | (60          |              | (60)           | )  0      | 356,255            |           | 0            | 0          |           | 07/10/2030 . |
| 36160B-AA-3                | Engie SA-SENIOR UNSECURED  | D    | 10/10/2022             | MATURITY               |               | 2,000,000   | 2,000,000    | 1,975,980    | 1,997,886   | 0           | 2,115        |              | 2,115          | 0         | 2,000,000          |           | 0            | 0          | 57,500    |              |
| 381362-AL-6<br>38175N-AA-6 | Golub Capital Partners C-GOCAP 2015-25A  | D    | 11/07/2022             | DAYDOWN                |               | 809,904     |              |              |             | 0           | 0            |              | 0              | 0         | 809,904<br>200,659 |           |              | 0          |           |              |
| 390556-AL-2                | Great Lakes CLO 2014-1 L-GRTLK 2014-1A A   | D    | 10/17/2022             | PAYDOWN                |               | 1.059.017   | 1,059,017    | 1.059.017    | 1,059,061   | o           | (43          |              | (43)           | ,         | 1.059.017          |           | 0            | 0          | 12,345    |              |
| 39809L-AA-2                | Greystone CRE Notes 2019-GSTNE 2019-FL2  | D    | 12/15/2022             | PAYDOWN                |               |             | 1,006,053    | 1,002,278    | 1,003,450   | 0           | 2.603        |              | 2.603          | 0         | 1,006,053          |           | 0            | 0          |           |              |
| 43133J-AA-6                | Hildene TruPS Securitiza-HITR 2019-2A A1   | D    | 05/23/2022             | PAYDOWN                |               | 110.403     | 110 .403     |              |             | 0           | 434          |              | 434            | 0         | 110.403            |           | 0            | 0          | 1.041     |              |
| 440405-AE-8                | HORZN 2018-1 A   | C    | 12/15/2022             | PAYDOWN                |               | 24,555      | 24,555       | 24,555       | 24,556      | 0           | (1           | ) 0          | (1)            | )0        | 24,555             | c         | 00           | 0          | 882       | 12/15/2038 . |
| 44040H-AA-0                | Horizon Aircraft Finance-HORZN 2019-1 A  | D    | 12/15/2022             | PAYDOWN                |               | 82,628      | 82,628       | 82,628       | 82,630      | 0           | (2           | ) 0          | (2)            | )0        | 82,628             | C         | 00           | 0          | 1,983     |              |
| 44962L-AF-4                | IHS Markit Ltd-SENIOR UNSECURED  | D    | 08/24/2022             | GOLDMAN                |               | 1,960,000   | 2,000,000    | 1,992,560    | 1,994,808   | 0           | 450          |              | 450            | 0         | 1,995,258          | C         | (35,258)     | (35,258)   | 101,597   |              |
| 46132F-AA-8                | Invesco Finance PLC-SENIOR UNSECURED   | D    | 05/06/2022 .           | . CALL 100.724         |               | 2,014,480   | 2,000,000    | 1,998,420    | 1,999,845   | 0           | 52           |              | 52             | 0         | 1,999,897          | C         | 14,583       | 14,583     |           | 11/30/2022 . |
| 46603B-AN-9                | Ivy Hill Middle Market C-IVYH 9A AR  | D    | 03/03/2022             | PAYDOWN                |               | 1,000,000   | 1,000,000    | 1,000,000    |             | 0           | 358          |              | 358            | J0        | 1,000,000          | J         | .   0        | 0          | 6,085     |              |
| 470473-AH-2<br>48244X-AA-0 | Jamestown CLO V Ltd-JTWN 2014-5A B2R<br>KDAC Aircraft Finance Lt-SERIES 17-1A CL | D    | 04/17/202209/15/2022 . | PAYDOWN                |               | 531,810     | 531,810      | 531,810      | 531,840     | 0           | (31          | / 0          | (31)           | ۰   0     | 531,810            | J         |              | J          |           |              |
| 48244X-AA-U                | . Kestrel Aircraft Finance Lt-SERIES 17-1A CL                                    | D    | 12/15/2022             | PAYDOWN                |               |             |              |              |             |             |              | 0            | 1.462          | 0         | 77,831             |           |              |            |           |              |
| 500630-BX-5                | Korea Development Bank/T-SR UNSECURED  | D    | 09/14/2022             | MATURITY               |               | 3,000,000   | 3,000,000    | 2,963,430    |             | n           |              |              |                | n         | 3.000.000          |           | ,            | n          | 90,000    |              |
| 53946M-AA-5                | LoanCore 2018-CRE1 Issue-LNCR 2018-CRE1  | D    | 10/15/2022             | PAYDOWN                |               | 314, 101    | 314.101      | 279.157      |             | n           | 18.210       |              | 18.210         |           | 314, 101           |           | )n           | n          | 2.585     |              |
| 58003U-AA-6                | MF1 2020-FL4 Ltd-MF1 2020-FL4 A  | C    | 09/15/2022             | PAYDOWN                |               | 1,517,310   | 1,517,310    | 1,517,310    | 1,517,310   | 0           | 0            | 0            | 0              | 0         | 1,517,310          |           |              | 0          |           |              |
| 59319W-AA-9                | MF1 2020-FL3 Ltd-MF1 2020-FL3 A  | C    | 07/15/2022             | PAYDOWN                |               |             | 1,235,711    | 1,235,711    | 1,235,711   | 0           | 0            | 0            | 0              | 0         | 1,235,711          |           | 0            | 0          | 9,053     |              |
| 61034H-AA-2                | Monroe Capital MML CLO V-MCMML 2018-1A A   | D    | 10/17/2022             | PAYDOWN                |               | 175,788     | 175,788      | 175,788      | 175,815     | 0           | (27          | ) 0          | (27)           | )0        | 175,788            | C         | 00           | 0          | 3,677     | 04/15/2030 . |
| 65130P-AW-0                | Newfleet CLO 2016-1 Ltd-NEWFL 2016-1A A2   | D    | 10/20/2022 .           | PAYDOWN                |               | 234,499     | 234,499      | 234,499      | 234,490     | 0           | 9            | 0            | 9              | 0         | 234,499            | C         | 0            | 0          | 5, 187    |              |
| 682337-AA-8                | One Eleven Funding III L-OELF 2019-3A A1   | D    | 03/09/2022             | BAIRD                  |               | 2,020,100   | 2,000,000    | 2,000,000    | 2,000,000   | 0           | 0            | 0            | 0              | 0         | 2,000,000          | [C        | 20,100       | 20,100     | 33,528    |              |
| 69346T-AA-2                | PFP 2019-5 Ltd-PFP 2019-5 A  | D    | 03/16/2022             | PAYDOWN                |               | 188,372     | 188,372      |              |             | 0           | J 0          | 0            | J 0            | 0         | 188,372            | J         | ·  0         | J 0        | 429       |              |
| 72353P-AA-4                | Pioneer Aircraft Finance-SERIES 19-1 CLA   | D    | 12/15/2022             | PAYDOWN                |               | 101,259     | 101,259      | 101,258      |             | J 0         |              | 0            |                | 0         | 101,259            | J         |              | J          | 2,034     |              |
| 74951P-DQ-8<br>780097-BE-0 | RESI Finance LP 2005-A-RESIF 2005-A B3<br>Natwest Group PLC-SENIOR UNSECURED     | η    | 11/10/2022             | CALL 100               |               |             |              |              |             | 0           | 18,468       | 0            | 18,468         | 0         | 3.000.000          | J         |              | 0          |           |              |
| 80306A-AA-8                | SAPPHIRE AVIATION FINANC-SAPA 2018-1A A  | D    | 12/15/2022             | PAYDOWN                |               |             |              | 3,000,000    |             |             | U            |              | 25             |           | 90.309             |           |              |            |           | 03/15/2023 . |
| 803169-AQ-4                | Saranac CLO III Ltd-SRANC 2014-3A AFR  | D    | 03/09/2022             | BNP PARIBAS            |               | 2.966.206   | 2,963,775    | 2,963,775    | 2.964.037   |             |              | )            | (31)           | )         | 2.964.005          |           | 2.201        | 2.201      |           |              |
| 87275Q-AA-5                | TPG Real Estate Finance -TRTX 2018-FL2 A   | D    | 02/17/2022             | PAYDOWN                |               | 9,205,854   | 9,205,854    | 8.849.127    | 9, 185, 665 | 0           | 20 . 189     | ´            | 20.189         | 0         | 9.205.854          |           | 0            | 0          |           | 11/15/2037 . |
| 88032W-AG-1                | Tencent Holdings Ltd-SENIOR UNSECURED  | D    | 03/18/2022             | . JP MORGAN SECURITIES |               | 4,949,800   | 5,000,000    | 4,998,750    | 4,999,249   | 0           | (87          | ) 0          | (87)           | )  0      | 4,999,162          |           | (49,362)     | (49,362)   |           | 01/19/2028 . |
| 898203-AA-2                | TruPS Financials Note Se-TFINS 2017-2A A   | D    | 12/20/2022             | PAYDOWN                |               | 624,663     | 624,663      | 612,169      | 614,089     | 0           | 10,573       | 0            | 10,573         | 0         | 624,663            |           | 00           | 0          |           | 09/20/2039 . |
| 89820X-AA-6                | TruPS Financials Note Se-TFINS 2020-2A A   | D    | 04/15/2022 .           | PAYDOWN                |               | 179,210     | 179,210      | 179,210      | 179,210     | 0           | 0            | 0            | 0              | 0         | 179,210            | C         | 00           | 0          |           | 07/15/2041 . |
| 89821J-AA-6                | TruPS Financials Note Se-TFINS 2019-1A A   | D    | 11/02/2022             | VARIOUS                |               | 36.928      | 36.928       | 36,928       | 36.928      | l0          | L 0          | 0            | 0              | l0        |                    | IC        | l0           | 0          | 229       | 02/02/2039 . |

### **SCHEDULE D - PART 4**

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

|             |   |        |              |              | Showing All I | Long-Term E | sonas ana Sta | OCKS SULD,  | REDEEMED    | or Otherwis | se DISPOS    | ED OF Dur   | ing Current    | rear      |               |          |             |            |           |              |
|-------------|---|--------|--------------|--------------|---------------|-------------|---------------|-------------|-------------|-------------|--------------|-------------|----------------|-----------|---------------|----------|-------------|------------|-----------|--------------|
| 1           | 2   | 3      | 4            | 5            | 6             | 7           | 8             | 9           | 10          | (           | Change In Bo | ok/Adjusted | Carrying Value | 9         | 16            | 17       | 18          | 19         | 20        | 21           |
|             |   |        |              |              |               |             |               |             |             | 11          | 12           | 13          | 14             | 15        |               |          |             |            |           |              |
|             |   |        |              |              |               |             |               |             |             |             |              |             |                | Total     |               |          |             |            |           |              |
|             |   |        |              |              |               |             |               |             |             |             |              | Current     | Total          | Foreign   |               |          |             |            | Bond      |              |
|             |   |        |              |              |               |             |               |             |             |             |              | Year's      | Change in      | Exchange  | Book/         |          |             |            | Interest/ |              |
|             |   |        |              |              |               |             |               |             | Prior Year  |             | Current      | Other-      | Book/          | Change in | Adjusted      | Foreign  |             |            | Stock     | Stated       |
|             |   |        |              |              |               |             |               |             | Book/       | Unrealized  | Year's       | Than-       | Adjusted       | Book/     | Carrying      | Exchange |             |            | Dividends | Con-         |
| CUSIP       |   |        |              |              | Number of     |             |               |             | Adjusted    | Valuation   | (Amor-       | Temporary   | Carrying       | Adjusted  | Value at      | Gain     | Realized    | Total Gain | Received  | tractual     |
| Identi-     |   |        | Disposal     |              | Shares of     | Con-        |               |             | Carrying    | Increase/   | tization)/   | Impairment  | Value          | Carrying  | Disposal      |          | Gain (Loss) |            | During    | Maturity     |
| fication    | Description                                 | eign   |              | of Purchaser | Stock         | sideration  | Par Value     |             | Value       | Decrease    | Accretion    | Recognized  | (11+12-13)     | Value     | Date          | Disposal | on Disposal | Disposal   | Year      | Date         |
| 89822P-AA-1 | TruPS Financials Note Se-2020-1A A1         | D      |              |              |               | 201,789     |               |             |             | 0           | 0            | 0           | 0              | 0         | 201,789       | 0        | 0           | 0          |           | 04/15/2040 . |
|             | UBS AG/Stamford CT-SUBORDINATED             | D      | 10/17/2022 . | MATURITY     |               | 1,000,000   |               |             |             | 0           | (1,324)      | 0           | (1,324)        | 0         | 1,000,000     | 0        | 0           | 0          |           | 08/17/2022 . |
|             | Z Capital Credit Partner-ZCCP 2018-1A A1    | D      |              | PAYDOWN      |               |             |               |             |             | 0           | 0            | 0           | 0              | 0         |               | 0        | 0           | 0          |           | 01/16/2031 . |
|             | Garrison Funding 2015-1R-GARR 2015-1RR A1RR |        | 04/29/2022 . |              |               | 608,393     |               | 0           | 0           | 0           | 0            | 0           | 0              | 0         | 608,393       | 0        | 0           | 0          | 0         | 09/22/2029 . |
| 11099999    | 99. Subtotal - Bonds - Industrial and I     | Miscel | llaneous (Ui | naffiliated) |               | 262,856,535 | 264,583,068   | 257,365,863 | 257,852,652 | 48,808      | 2,166,924    | 29,551      | 2,186,181      | 0         | 261,806,196   | 0        | 969, 198    | 969, 198   | 5,780,123 | XXX          |
| 14387R-40-1 | Carolina First Mortgage -SUBORDINATED       |        | 12/31/2022 . | DIRECT       |               | 4           | 0             | 0           | 0           | 0           | 281,075      | 0           | 281,075        | 0         | 0             | 0        | 0           | 0          | 0         | 01/31/2031 . |
|             | NIPPON LIFE INSURANCE-SUBORDINATED          | D      | 10/18/2022 . | . CALL 100   |               | 1,000,000   | 1,000,000     | 1,000,000   | 1,000,000   | 0           | 0            | (6)         | 6              | 0         | 1,000,000     |          | 0           | 0          | 50,000    |              |
|             | 99. Subtotal - Bonds - Hybrid Securiti      | es     |              |              |               | 1,000,004   | 1,000,000     | 1,000,000   | 1,000,000   | 0           | 281,075      |             | 281,081        | 0         | 1,000,000     | 0        | 0           | 0          | 50,000    |              |
|             | 97. Total - Bonds - Part 4                  |        |              |              |               | 292,423,049 | 294, 149, 578 | 287,211,925 | 287,559,025 | 48,808      | , , , .      |             | 2,430,060      | 0         | 291,475,371   | 0        | 866,533     | 866,533    | 6,675,880 |              |
|             | 98. Total - Bonds - Part 5                  |        |              |              |               | 4,823,963   | -, ,          | 4,814,000   | 0           | 0           | 9,963        |             | 9,963          | 0         | 4,823,963     | 0        | 0           | 0          | 130,208   | XXX          |
|             | 99. Total - Bonds                           |        |              |              |               | 297,247,012 | 299, 149, 578 | 292,025,925 | 287,559,025 | 48,808      | 2,420,760    | 29,545      | 2,440,023      | 0         | 296, 299, 334 | 0        | 866,533     | 866,533    | 6,806,088 | XXX          |
|             | 97. Total - Preferred Stocks - Part 4       |        |              |              |               | 0           | XXX           | 0           | 0           | 0           | 0            | 0           | 0              | 0         | 0             | 0        | 0           | 0          | 0         | XXX          |
|             | 98. Total - Preferred Stocks - Part 5       |        |              |              |               |             | XXX           |             |             |             |              |             |                |           |               |          |             |            |           | XXX          |
| 45099999    | 99. Total - Preferred Stocks                |        |              |              |               | 0           | XXX           | 0           | 0           | 0           | 0            | 0           | 0              | 0         | 0             | 0        | 0           | 0          | 0         | XXX          |
|             | 97. Total - Common Stocks - Part 4          |        |              |              |               | 0           | XXX           | 0           | 0           | 0           | 0            | 0           | 0              | 0         | 0             | 0        | 0           | 0          | 0         | XXX          |
|             | 98. Total - Common Stocks - Part 5          |        |              |              |               |             | XXX           |             | 0           |             |              |             |                |           |               |          |             |            |           | XXX          |
| 59899999    | 99. Total - Common Stocks                   |        |              |              |               | 0           | XXX           | 0           | 0           | 0           | 0            | 0           | 0              | 0         | 0             | 0        | 0           | 0          | 0         | XXX          |
| 59999999    | 99. Total - Preferred and Common St         | ocks   |              |              |               | 0           | XXX           | 0           | 0           | 0           | 0            | 0           | 0              | 0         | 0             | 0        | 0           | 0          | 0         | XXX          |
| 60099999    | 99 - Totals                                 |        |              | <del></del>  | ·             | 297,247,012 | XXX           | 292,025,925 | 287,559,025 | 48,808      | 2,420,760    | 29,545      | 2,440,023      | 0         | 296,299,334   | 0        | 866,533     | 866,533    | 6,806,088 | XXX          |

### **SCHEDULE D - PART 5**

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

|           |  |        |              | 3              | Howing All   | i Long-Term bond | is and Stocks | ACQUINEL    | Duning 16 | ai ailu i uliy | DISFUSED   | י טוווועם וטי | J Cullelli 16 | zai           |           |           |           |            |           |           |
|-----------|--|--------|--------------|----------------|--------------|------------------|---------------|-------------|-----------|----------------|------------|---------------|---------------|---------------|-----------|-----------|-----------|------------|-----------|-----------|
| 1         | 2                                      | 3      | 4            | 5              | 6            | 7                | 8             | 9           | 10        | 11             | C          | hange in Bo   | ok/Adjusted ( | Carrying Valu | е         | 17        | 18        | 19         | 20        | 21        |
|           |  |        |              |                |              |                  |               |             |           |                | 12         | 13            | 14            | 15            | 16        |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               | Total     |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               | Current       | Total         | Foreign   |           |           |            |           |           |
|           |  |        |              |                |              |                  | Par Value     |             |           |                |            |               | Year's        | Change in     | Exchange  |           |           |            | Interest  |           |
|           |  |        |              |                |              |                  | (Bonds)       |             |           | Book/          |            | Current       | Other-        | Book/         | Change in |           |           |            | and       | Paid for  |
|           |  |        |              |                |              |                  | or            |             |           | Adjusted       | Unrealized | Year's        | Than-         | Adjusted      | Book/     | Exchange  |           |            | Dividends | Accrued   |
| CUSIP     |  |        | _            |                |              |                  | Number of     |             |           | Carrying       | Valuation  | (Amort-       | Temporary     | Carrying      | Adjusted  | Gain      | Gain      | Total Gain | Received  | Interest  |
| Identi-   |  | For-   |              |                | Disposal     | Name of          | Shares        |             | Consid-   | Value at       | Increase/  | ization)/     | Impairment    | ,             | Carrying  | (Loss) on | (Loss) on | (Loss) on  | During    | and       |
| fication  | Description                            | eign   | Acquired     | Name of Vendor | Date         | Purchaser        | (Stock)       | Actual Cost |           | Disposal       | (Decrease) | Accretion     | Recognized    |               | Value     | Disposal  | Disposal  | Disposal   | Year      | Dividends |
|           | Jackson Financial Inc-SENIOR UNSECURED |        | 02/08/2022 . |                | 09/23/2022 . | EXCHANGE OFFER   | 5,000,000     | 4,814,000   | 4,823,963 | 4,823,963      | 0          | 9,963         | 0             | 9,963         | 1         | 0         | 0         | 0          | 130,208   |           |
|           | 99. Subtotal - Bonds - Industrial a    | nd Mis | scellaneous  | (Unaffiliated) |              |                  | 5,000,000     |             | 4,823,963 | 4,823,963      |            | 9,963         | 0             | 9,963         |           | 0         | 0         | 0          | 130,208   | 33,420    |
|           | 98. Total - Bonds                      |        |              |                |              |                  | 5,000,000     | 4,814,000   | 4,823,963 | 4,823,963      | 0          | 9,963         | 0             | 9,963         | 0         | 0         | 0         | 0          | 130,208   | 33,420    |
|           | 98. Total - Preferred Stocks           |        |              |                |              |                  |               | 0           | 0         | 0              | 0          | 0             | 0             | 0             | 0         | 0         | 0         | 0          | 0         | 0         |
|           | 98. Total - Common Stocks              |        |              |                |              |                  |               | 0           | 0         | 0              | 0          | 0             | 0             | 0             | 0         | 0         | 0         | 0          | 0         | 0         |
| 599999999 | 99. Total - Preferred and Commor       | Stoc   | ks           | 1              | T            | T                |               | 0           | 0         | 0              | 0          | 0             | 0             | 0             | 0         | 0         | 0         | 0          | 0         | 0         |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               |           |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               | .         |           |           |            |           |           |
|           |  |        |              |                |              |                  |               |             |           |                |            |               |               |               | .         |           |           |            |           |           |
| 600999999 | 99 - Totals                            |        | *            |                | -            | •                | -             | 4,814,000   | 4,823,963 | 4,823,963      | 0          | 9,963         | 0             | 9,963         | 0         | 0         | 0         | 0          | 130,208   | 33,420    |

# Schedule D-Part 6-Section 1-Valuation of Shares of Subsidiary, Controlled or Affiliated Companies **NONE**

Schedule D - Part 6 - Section 2 **N O N E** 

### **SCHEDULE DA - PART 1**

Showing All SHORT-TERM INVESTMENTS Owned December 31 of Current Year

|  |                     |                |                        | Snowing        | g All SHORT- | - I EKIVI IIN V E | SINITINI S    | Owned Dec       | ember 31 or | Current Year |             |              |          |        |           |      |          |          |
|--|---------------------|----------------|------------------------|----------------|--------------|-------------------|---------------|-----------------|-------------|--------------|-------------|--------------|----------|--------|-----------|------|----------|----------|
| 1                                      | Codes               | 4              | 5                      | 6              | 7            | Chang             | je in Book/Ad | justed Carrying | g Value     | 12           | 13          |              |          | Intere | est       |      |          | 20       |
|  | 2 3                 |                |                        |                |              | 8                 | 9             | 10              | 11          |              |             | 14           | 15       | 16     | 17        | 18   | 19       |          |
|  |                     |                |                        |                |              |                   |               |                 | Total       |              |             |              |          |        |           |      |          |          |
|  |                     |                |                        |                |              |                   |               | Current         | Foreign     |              |             | Amount Due   |          |        |           |      |          |          |
|  |                     |                |                        |                |              |                   |               | Year's          | Exchange    |              |             | and Accrued  |          |        |           |      |          |          |
|  |                     |                |                        |                |              |                   | Current       | Other-          | Change in   |              |             | Dec. 31 of   |          |        |           |      |          |          |
|  |                     |                |                        |                | Book/        | Unrealized        | Year's        | _ Than-         | Book/       |              |             | Current Year | Non-     |        |           |      | Amount   | 5        |
|  |                     | Б.             |                        |                | Adjusted     | Valuation         | (Amor-        | Temporary       | Adjusted    |              |             | on Bond      | Admitted |        | Effective |      | Received | Paid for |
| December                               | For-                |                | Name of Mandan         | Maturity       | Carrying     | Increase/         | tization)/    | Impairment      | Carrying    | D\/-l        | A -41 O4    | Not          | Due and  | Rate   | Rate      | When | During   | Accrued  |
| Description                            | Code eign           | Acquired       | Name of Vendor         | Date           | Value        | (Decrease)        | Accretion     | Recognized      | Value       | Par Value    | Actual Cost | in Default   | Accrued  | of     | of        | Paid | Year     | Interest |
| 0109999999. Total - U.S. Governme      |                     |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 0309999999. Total - All Other Gover    |                     |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 0509999999. Total - U.S. States, Te    |                     |                | nds                    |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 0709999999. Total - U.S. Political S   |                     | S              |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 09099999999999999999999999999999999999 |                     |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| TELUS CORP COMMERCIAL PAPER            |                     |                | . JP MORGAN SECURITIES | . 06/12/2023 . | 4,879,338    |                   | 11,602        |                 | 0           | 5,000,000    | 4,867,736   | 0            | 0        | 0.000  | 5.495     | N/A  | 0        |          |
| 1019999999. Subtotal - Bonds - Indu    |                     |                | ,                      |                | 4,879,338    | +                 | 11,602        |                 | 0           | 5,000,000    | 4,867,736   | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 1109999999. Total - Industrial and M   |                     | affiliated) Bo | onds                   |                | 4,879,338    | 0                 | 11,602        | 0               | 0           | 5,000,000    | 4,867,736   | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 1309999999. Total - Hybrid Securitie   |                     |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 1509999999. Total - Parent, Subsidi    |                     | s Bonds        |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 1909999999. Subtotal - Unaffiliated    |                     |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 2419999999. Total - Issuer Obligation  | ns                  |                |                        |                | 4,879,338    | 0                 | 11,602        | 0               | 0           | 5,000,000    | 4,867,736   | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 2429999999. Total - Residential Mor    | tgage-Backed Se     | ecurities      |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 2439999999. Total - Commercial Mo      |                     |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 24499999999. Total - Other Loan-Bac    | cked and Structur   | ed Securities  | S                      |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 2459999999. Total - SVO Identified     | Funds               |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 2469999999. Total - Affiliated Bank    | Loans               |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 2479999999. Total - Unaffiliated Bar   | nk Loans            |                |                        |                | 0            | 0                 | 0             | 0               | 0           | 0            | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 2509999999. Total Bonds                |                     |                |                        |                | 4,879,338    | 0                 | 11,602        | 0               | 0           | 5,000,000    | 4,867,736   | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 7109999999. Total - Parent, Subsidi    | aries and Affiliate | :S             |                        |                | 0            | 0                 | 0             | 0               | 0           | XXX          | 0           | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |
| 7709999999 - Totals                    |                     |                |                        |                | 4 879 338    | 0                 | 11 602        | 0               | 0           | XXX          | 4 867 736   | 0            | 0        | XXX    | XXX       | XXX  | 0        |          |

| 1.     |                        |                         |                       |       |       |       |       |
|--------|------------------------|-------------------------|-----------------------|-------|-------|-------|-------|
| Line   | Book/Adjusted Carrying | Value by NAIC Designati | on Category Footnote: |       |       |       |       |
| Number |                        |                         |                       |       |       |       |       |
| 1A     | 1A\$0                  | 1B\$0                   | 1C\$0                 | 1D\$0 | 1E\$0 | 1F\$0 | 1G\$0 |
| 1B     | 2A\$4,879,338          | 2B\$0                   | 2C\$0                 |       |       |       |       |
| 1C     | 3A\$0                  | 3B\$0                   | 3C\$0                 |       |       |       |       |
| 1D     | 4A\$0                  | 4B\$0                   | 4C\$0                 |       |       |       |       |
| 1E     | 5A\$0                  | 5B\$0                   | 5C\$0                 |       |       |       |       |
| 1F     | 6 \$ 0                 |                         |                       |       |       |       |       |

### **SCHEDULE DB - PART A - SECTION 1**

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of December 31 of Current Year

|                       |                      |               |                |                                       | SIIC                      | Jwing an v   | options, t      | Japs, 1 1001 | is, Collais, | Owaps and       | a i diwaius  | Open as c                               | JI Decellib |   | unent re | ai         |            |           |            |             |   |        |               |
|-----------------------|----------------------|---------------|----------------|---------------------------------------|---------------------------|--------------|-----------------|--------------|--------------|-----------------|--------------|---|-------------|---|----------|------------|------------|-----------|------------|-------------|---|--------|---------------|
| 1                     | 2                    | 3             | 4              |                                       | 5                         | 6            | 7               | 8            | 9            | 10              | 11           | 12                                      | 13          | 14                                      | 15       | 16         | 17         | 18        | 19         | 20          | 21                                      | 22     | 23            |
|                       |                      |               |                |                                       |                           |              |                 |              |              |                 | Cumulative   |   |             |   |          |            |            |           |            |             |   |        |               |
|                       | Description          |               |                |                                       |                           |              |                 |              |              |                 | Prior        | 0                                       |             |   |          |            |            |           |            |             |   |        |               |
|                       | Description          |               |                |                                       |                           |              |                 |              |              | O               | Year(s)      | Current                                 |             |   |          |            |            |           |            |             |   |        | 1             |
|                       | of Item(s)           |               |                |                                       |                           |              |                 |              |              | Strike          | Initial Cost | Year Initial                            |             |   |          |            |            |           |            |             |   | Credit | Hedge         |
|                       | Hedged,              |               |                |                                       |                           |              |                 |              |              | Price,          | of Un-       | Cost of Un-                             |             |   |          |            |            | Total     | Current    | Adjustment  |   | ,      | Effectiveness |
|                       | Used for             |               | Type(s)        |                                       |                           |              | Date of         |              |              | Rate or         | discounted   | discounted                              |             | Book/                                   |          |            | Unrealized | Foreign   | Year's     | to Carrying |   | of     | at Inception  |
|                       | Income               | Schedule/     |                |                                       |                           |              | Maturity        | Number       |              | Index           | Premium      | Premium                                 | Current     | Adjusted                                |          |            | Valuation  | Exchange  | (Amorti-   | Value of    |   | Refer- | and at        |
|                       | Generation           | Exhibit       | Risk(s)        |                                       | , Counterparty            | Trade        | or              | of           | Notional     | Received        | (Received)   | (Received)                              | Year        | Carrying                                |          |            | Increase/  | Change in | zation)/   | Hedged      | Potential                               | ence   | Year-end      |
| Description           | or Replicated        | Identifier    | (a)            | or Central                            | Clearinghouse             | Date         | Expiration      | Contracts    | Amount       | (Paid)          | Paid         | Paid                                    | Income      | Value                                   | Code     | Fair Value | (Decrease) | B./A.C.V. | Accretion  | Item        | Exposure                                | Entity | (b)           |
| 0079999999, Subt      | total - Purchased Or | otions - Hedo | aina Effective | e Excluding Variab                    | ole Annuity Guarante      | es Under S   | SAP No.10       | 8            |              |                 | 0            | 0                                       | 0           | 0                                       | XXX      | 0          | 0          | 0         | 0          | 0           | 0                                       | XXX    | XXX           |
|                       |                      |               |                |                                       | Guarantees Under          |              |                 | <u> </u>     |              |                 | 0            | 0                                       | 0           | 0                                       | XXX      | 0          | 0          | 0         | 0          | 0           |   | XXX    | XXX           |
|                       |                      | 1             |                | X-CHANGE FINANCIAL                    |                           |              |                 |              |              |                 | -            |   | _           |   | 1        |            | _          | _         | _          |             |   |        |               |
|                       |                      |               |                | ACCESS / MORGAN                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| 145230 Call Options - |                      |               |                | STANLEY/CLEARED                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078      | . 01/06/2022 | . 01/06/2023    |              | 5,635,260    | 4696.05000000   |              | 428,844                                 | (421,795    | ) 7,049                                 | · [ ].   |            | 0          | 0         | (421,795   | )           |   |        | 0003          |
|                       |                      |               |                | X-CHANGE FINANCIAL                    |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
|                       |                      |               |                | ACCESS / MORGAN                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| 145238 Call Options - |                      |               |                | STANLEY/CLEARED                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078      | . 01/06/2022 | . 01/06/2023    |              | 1,878,420    | 4696.05000000   |              | 142,948                                 | (140,598    | ) 2,350                                 |          |            | 0          | 0         | (140,598   | )           |   |        | 0003          |
|                       |                      |               |                | X-CHANGE FINANCIAL                    |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
|                       |                      |               |                | ACCESS / MORGAN                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| 145244 Call Options - |                      |               |                | STANLEY/CLEARED                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078      | . 01/06/2022 | . 01/06/2023    |              | 939,210      | 4696.05000000   |              | 71,474                                  | (70,299     | ) 1, 175                                |          |            | 0          | 0         | (70,299    | )           |   |        | 0003          |
| 145246 Call Options - | L LADIL LTV. LIEDOE  | E 1 11 14 E   | F 14 /1 1      | OLT IDANIC N. A                       | EEZODZWZZEEOOTWEE1ZO      | 04 /00 /0000 | 04 (00 (0000    |              | E 707 40E    | 4000 0500000    |              | 440.000                                 | (400,000    | 7 007                                   | .        | •          |            |           | (400,000   |             |   |        | 0000          |
| S&P 500               | LIABILITY MEDGE      | EXHIBIT 5     | Equity/index   | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76      | . 01/06/2022 | . 01/06/2023    |              | 5,707,125    | 4696 . 05000000 |              | 446,320                                 | (438,983    | ) 7 , 337                               |          | 0          | 0          | 0         | (438,983   | )           | • |        | 0003          |
|                       | LIADILITY UFDOE      | Fullible F    | F i & / I d    | CITIDANIZ NI A                        | E570DZWZ7FF32TWEFA76      | . 01/06/2022 | . 01/06/2023    |              | 2,238,188    | 4000 05000000   |              | 175,035                                 | (172,158    | )2,877                                  | .        | 0          |            |           | ( 172, 158 |             |   |        | 0003          |
| S&P 500               | LIABILITY HEDGE      | EXHIBIT 2     | Equity/index   | CITIDANN N.A                          | E3/UDZWZ/FF3ZIWEFA/6      | . 01/06/2022 | . 01/06/2023    |              | 2,238,188    | 4696 . 05000000 |              | 1/5,035                                 | (1/2, 138   | )2,8//                                  |          | 0          |            | 0         | (1/2, 158  | /           |   |        | 0003          |
| S&P 500               | LIABILITY HEDGE      | Evhibit 5     | Equity/Indox   | CITIDANK NI A                         | E570DZWZ7FF32TWEFA76      | . 01/06/2022 | . 01/06/2023    |              | 1,238,656    | 4696.05000000   |              | 96,868                                  | (95,276     | )1,592                                  | ,        | 0          |            | 0         | (95,276    | \           |   |        | 0003          |
| 145298 Call Options - | LIADILIII IILDOL     | LXIIIDIT J    | Equity/ muex   | OTTIDANK N.A                          | L370DZIIZ7113Z1IILI K70   | . 01/00/2022 | . 0 1/00/2023   |              | 1,230,030    | 4030.03000000   |              |   | (33,270     | 1, 552                                  | -        |            |            |           | (33,270    | ,           |   |        | 0003          |
| S&P 500               | LIABILITY HEDGE      | Evhibit 5     | Equity/Index   | SOCIETE GENERAL                       | 02RNE8 I BXP4R0TD8PU41    | . 01/06/2022 | . 01/06/2023    |              | 6.526.425    | 4696.05000000   |              | 509,061                                 | (500,693    | ) 8 , 368                               | , I      |            | 0          | 0         | (500,693   | 1           |   |        | 0003          |
| 145763 Call Options - | LINDICITI HEDGE      | LAIIIDIT 5    | Equity/ Illuex | WELLS FARGO BANK,                     | OZIINEO IDAI HIO IDOI OTI | . 01/00/2022 | . 0 1/ 00/ 2020 |              | 0,520,425    | 4030.03000000   |              |   | (500,050    | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |          |            |            |           | (500,050   | ,           |   |        | 0000          |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   |                                       | KB1H1DSPRFMYMCUFXT09      | . 01/20/2022 | . 01/20/2023    |              | 5.758.127    | 4482.73000000   |              | 268,905                                 | (254, 170   | ) 14,734                                | .        |            | 0          | 0         | (254, 170  | )           |   |        | 0003          |
| 145767 Call Options - |                      |               |                | WELLS FARGO BANK,                     |                           |              |                 |              |              |                 |              | ,,,,,,                                  | (=+,        | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |          |            |            |           | (=+,,      | ,           |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   | N.A                                   | KB1H1DSPRFMYMCUFXT09      | . 01/20/2022 | . 01/20/2023    |              | 3,980,458    | 4482.73000000   |              | 320,029                                 | (302,493    | ) 17 , 536                              | · [ ].   | 7          | 0          | 0         | (302,493   | )           |   |        | 0003          |
|                       |                      |               |                | X-CHANGE FINANCIAL                    |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
|                       |                      |               |                | ACCESS / MORGAN                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| 145783 Call Options - |                      |               |                | STANLEY/CLEARED                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078      | . 01/20/2022 | . 01/20/2023    |              | 2,241,365    | 4482.73000000   |              | 174,380                                 | (164,825    | ) 9,555                                 | i        | 31         | 0          | 0         | (164,825   | )           |   |        | 0003          |
|                       |                      |               |                | X-CHANGE FINANCIAL                    |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
|                       |                      |               |                | ACCESS / MORGAN                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| 145786 Call Options - |                      |               |                | STANLEY/CLEARED                       |                           |              |                 |              |              |                 |              |   |             |   |          |            | _          | _         |            |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078      | . 01/20/2022 | . 01/20/2023    |              | 1,344,819    | 4482.73000000   |              | 104,628                                 | (98,895     | ) 5 , 733                               |          | 22         | 0          | 0         | (98,895    | )           |   |        | 0003          |
| 1                     |                      |               |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                           |              |                 |              |              | Ì               |              | 1                                       | I           |   |          |            | I          |           |            |             |   |        |               |
| 145833 Call Options - |                      |               |                | STANLEY/CLEARED                       |                           |              |                 |              |              | Ì               |              | 1                                       | I           |   |          |            | I          |           |            |             |   |        |               |
|                       | LIABILITY HEDGE      | Evhibit 5     | Fauity/Index   |                                       | 9R7GPTS07KV3UQJZQ078      | . 01/20/2022 | 01/20/2022      |              | 5 827 540    | 4482.73000000   |              | 453,388                                 | (428,545    | )24,843                                 |          | 00         | 1          | 0         | (428,545   | ,           |   |        | 0003          |
| οαι 300               | LIADILIII IILUUL     | LAIIIDIL J    | Equity/ index  | X-CHANGE FINANCIAL                    | OH OF TOUTN TOUGOLOUTO    | . 01/20/2022 | . 0 1/20/2020   |              |              | 7102.73000000   |              | 400,000                                 | (420,343    | /24,043                                 |          | 00         |            |           | (420,040   | ,           |   |        | 0000          |
|                       |                      |               |                | ACCESS / MORGAN                       |                           |              |                 |              |              | Ì               |              | 1                                       | I           |   |          |            | I          |           |            |             |   |        |               |
| 145837 Call Options - |                      |               |                | STANLEY/CLEARED                       |                           |              |                 |              |              | Ì               |              | 1                                       | I           |   |          |            | I          |           |            |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078      | . 01/20/2022 | . 01/20/2023    | L            | 1.344.819    | 4482.73000000   |              | 104,628                                 | (98,895     | ) 5 , 733                               | Il.      | 21         | 0          | 0         | (98,895    | )           |   |        | 0003          |
| 146415 Call Options - |                      |               | 12.17,         | GOLDMAN SACHS                         |                           | .,,          |                 |              | ,,           |                 |              | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | (22,000     | 1                                       |          |            |            |           | ,,         |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   |                                       | W22LROWP21HZNBB6K528      | . 02/04/2022 | . 02/06/2023    | ļ ļ.         | 6,076,614    | 4500 . 53000000 |              | 300,792                                 | (270,467    | ) 30,325                                | i     .  |            | 0          | 0         | (270,467   | )           |   |        | 0003          |
|                       |                      |               |                | MORGAN STANLEY &                      |                           |              |                 |              |              | Ì               |              | 1                                       | I           |   |          |            | I          |           |            |             |   |        |               |
| 146426 Call Options - |                      |               |                | CO. INTERNATIONAL                     |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   |                                       | 4PQUHN3JPFGFNF3BB653      | . 02/04/2022 | . 02/06/2023    |              | 5,409,009    | 4500 . 53000000 |              | 472,331                                 | (424,712    | ) 47,619                                | ·        | 262        | 0          | 0         | (424,712   | )           |   |        | 0003          |
|                       |                      |               |                | X-CHANGE FINANCIAL                    |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| 1                     |                      |               |                | ACCESS / MORGAN                       |                           |              |                 |              |              |                 |              |   |             |   |          |            |            |           |            |             |   |        |               |
| 146449 Call Options - |                      | L             | 1              | STANLEY/CLEARED                       |                           |              |                 |              |              |                 |              |   | ,           |   |          |            | 1          |           |            |             |   |        |               |
| S&P 500               | LIABILITY HEDGE      | Exhibit 5     | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078      | . 02/04/2022 | . 02/06/2023    |              | 1,800,212    | 4500 . 53000000 |              | 146,356                                 | (131,601    | ) 14,755                                |          | 86         | 0          | 0         | (131,601   | )           |   |        | 0003          |
|                       |                      |               |                | X-CHANGE FINANCIAL                    |                           |              |                 |              |              |                 |              | 1                                       | 1           |   |          |            | 1          |           |            |             |   |        |               |
| 1464E1 Coll Coll      |                      |               |                | ACCESS / MORGAN                       |                           |              |                 |              |              | Ì               |              | 1                                       | I           |   |          |            | I          |           |            |             |   |        |               |
| 146451 Call Options - | LIADILITY UEDOE      | FULLIFIE F    | Finish () 2    | STANLEY/CLEARED                       | 007007007///01/0 170070   | 00/04/0000   | 00/00/0000      |              | 0 000 710    | 4E00 E0000000   |              | E40 010                                 | (400.000    | 54 040                                  |          | 400        | _          |           | / 400 000  | J           |   |        | 0000          |
| S&P 500               | LIABILIIY HEDGE      | EXHIBIT 5     | Equity/Index   | I IHKUUGH UBU                         | 9R7GPTS07KV3UQJZQ078      | . 02/04/2022 | 1. 02/06/2023   | 1            | 6.300./42    | 4500 . 53000000 | 1            | 512,246                                 | (460,603    | )51.643                                 |          | 422        | 1 0        | . 0       | (460.603   | II .        |   | 1      | 10003         |

| Showing all Ontions | Cans Floors | Collars Swans and F | orwards Open as of | December 31 of Current Year |
|---------------------|-------------|---------------------|--------------------|-----------------------------|
|                     |             |                     |                    |                             |

|                                  |                             |                       |                |                                       |                                 | owing all (    | Options, (       | Caps, Floo      | rs, Collars,       |                  |                        | Open as of                  |                |   |      |             |                         |                     |                       |                |                       |                |                        |
|----------------------------------|-----------------------------|-----------------------|----------------|---------------------------------------|---------------------------------|----------------|------------------|-----------------|--------------------|------------------|------------------------|-----------------------------|----------------|---|------|-------------|-------------------------|---------------------|-----------------------|----------------|-----------------------|----------------|------------------------|
| 1                                | 2                           | 3                     | 4              |                                       | 5                               | 6              | 7                | 8               | 9                  | 10               | 11<br>Cumulative       | 12                          | 13             | 14                                      | 15   | 16          | 17                      | 18                  | 19                    | 20             | 21                    | 22             | 23                     |
|                                  |                             |                       |                |                                       |                                 |                |                  |                 |                    |                  | Prior                  |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
|                                  | Description                 |                       |                |                                       |                                 |                |                  |                 |                    |                  | Year(s)                | Current                     |                |   |      |             |                         |                     |                       |                |                       |                |                        |
|                                  | of Item(s)<br>Hedged,       |                       |                |                                       |                                 |                |                  |                 |                    | Strike<br>Price, | Initial Cost<br>of Un- | Year Initial<br>Cost of Un- |                |   |      |             |                         | Total               | Current               | Adjustment     |                       | Credit         | Hedge<br>Effectiveness |
|                                  | Used for                    |                       | Type(s)        |                                       |                                 |                | Date of          |                 |                    | Rate or          | discounted             | discounted                  |                | Book/                                   |      |             | Unrealized              | Foreign             | Year's                | to Carrying    |                       | of             | at Inception           |
|                                  | Income                      | Schedule/             | of<br>Distr(s) | Fortron                               | 0                               | Total          | Maturity         | Number          | Matteral           | Index            | Premium                | Premium                     | Current        | Adjusted                                |      |             | Valuation               | Exchange            | (Amorti-              | Value of       | Detectici             | Refer-         | and at                 |
| Description                      | Generation<br>or Replicated | Exhibit<br>Identifier | Risk(s)<br>(a) |                                       | , Counterparty<br>Clearinghouse | Trade<br>Date  | or<br>Expiration | of<br>Contracts | Notional<br>Amount | Received (Paid)  | (Received)<br>Paid     | (Received)<br>Paid          | Year<br>Income | Carrying<br>Value                       | Code | Fair Value  | Increase/<br>(Decrease) | Change in B./A.C.V. | zation)/<br>Accretion | Hedged<br>Item | Potential<br>Exposure | ence<br>Entity | Year-end<br>(b)        |
| Bedonption                       | Or replicated               | Identino              | (α)            | X-CHANGE FINANCIAL                    | oledinghouse                    | Date           | Expiration       | Contracto       | 7 tirioditi        | (i did)          | i aia                  | i uiu                       | moome          | Value                                   | Code | T dil Valdo | (Decircuse)             | B.17 t. O. V .      | 71001011011           | itom           | Ехробаго              | Linuty         | (5)                    |
| 146453 Call Options -            |                             |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078            | . 02/04/2022   | . 02/06/2023     |                 | 2,700,318          | 4500 . 53000000  |                        | 219,534                     | (197,401)      | 22, 133                                 |      | 208         | 0                       | 0                   | (197,401              | )              |                       |                | 0003                   |
|                                  |                             |                       |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| 146455 Call Options -            |                             |                       |                | STANLEY/CLEARED                       |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | THROUGH CBO<br>X-CHANGE FINANCIAL     | 9R7GPTS07KV3UQJZQ078            | . 02/04/2022   | . 02/06/2023     |                 | 900, 106           | 4500 . 53000000  |                        | 73, 178                     | (65,800)       | 7,378                                   |      | 83          | 0                       | 0                   | (65,800               | )              |                       |                | 0003                   |
|                                  |                             |                       |                | ACCESS / MORGAN                       |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| 146457 Call Options -<br>S&P 500 | I LARILITY HENGE            | Evhihit 5             | Fauity/Index   | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078            | . 02/04/2022   | . 02/06/2023     |                 | 900, 106           | 4500 . 53000000  |                        | 73,178                      | (65,800)       | )7,378                                  |      | 85          |                         | ٥                   | (65,800               | )              |                       |                | 0003                   |
|                                  | LIABILITY HEDGE             | LAIIIDIT 5            | Equity/ muex   | MORGAN STANLEY &                      | 311701 10071(1000020070         | . 02/04/2022   | . 02/00/2020     |                 |                    | 4000.0000000     |                        |                             | (05,000)       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |      |             |                         |                     | (00,000               | ,              |                       |                | 0000                   |
| 147095 Call Options -<br>S&P 500 | LIABILITY HEDGE             | Evhihit 5             | Fauity/Index   | CO. INTERNATIONAL                     | 4PQUHN3JPFGFNF3BB653            | . 02/18/2022   | . 02/17/2023     |                 | 4,972,751          | 4348.87000000    |                        | 431,084                     | (374,238)      | 56.846                                  |      | 2.060       | ١ ،                     | ٥                   | (374,238              | )              |                       |                | 0003                   |
| 147097 Call Options -            |                             |                       |                | GOLDMAN SACHS                         |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      | 2,000       |                         |                     |                       | ,              |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | INTERNATIONAL<br>MORGAN STANLEY &     | W22LROWP21HZNBB6K528            | . 02/18/2022   | . 02/17/2023     |                 | 5,751,896          | 4348.87000000    |                        | 309,452                     | (268,645)      | 40,807                                  |      |             | 0                       | 0                   | (268,645              | )              |                       |                | 0003                   |
| 147113 Call Options -            |                             |                       |                | CO. INTERNATIONAL                     |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | PLC<br>MORGAN STANLEY &               | 4PQUHN3JPFGFNF3BB653            | . 02/18/2022   | . 02/17/2023     |                 | 1,419,055          | 4348 . 87000000  |                        | 123,017                     | (106,795)      | 16,222                                  |      | 653         | 0                       | 0                   | (106,795              | )              |                       |                | 0003                   |
| 147129 Call Options -            |                             |                       |                | CO. INTERNATIONAL                     |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | PLC<br>MORGAN STANLEY &               | 4PQUHN3JPFGFNF3BB653            | . 02/18/2022   | . 02/17/2023     |                 | 4,638,031          | 4348 . 87000000  |                        | 402,067                     | (349,047)      | 53,020                                  |      | 2,548       | 0                       | 0                   | (349,047              | )              |                       |                | 0003                   |
| 147131 Call Options -            |                             |                       |                | CO. INTERNATIONAL                     |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | PLCX-CHANGE FINANCIAL                 | 4PQUHN3JPFGFNF3BB653            | . 02/18/2022   | . 02/17/2023     |                 | 2,524,038          | 4348 . 87000000  |                        | 218,807 .                   | (189,953)      | 28,854                                  |      | 1,513       | 0                       | 0                   | (189,953              | )              |                       |                | 0003                   |
|                                  |                             |                       |                | ACCESS / MORGAN                       |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| 147146 Call Options -<br>S&P 500 | LIABILITY HEDGE             | Exhibit 5             | Fauity/Index   | STANLEY/CLEARED THROUGH CRO           | 9R7GPTS07KV3UQJZQ078            | . 02/18/2022   | . 02/17/2023     |                 | 1,304,661          | 4348 . 87000000  |                        | 111,156                     | (96,498)       | )14,658                                 |      | 858         | ١ ،                     | ٥                   | (96,498               | )              |                       |                | 0003                   |
| 000                              | EMBIETTI NEBGE              | EXIIIDIT O            | Equity/ maox   | X-CHANGE FINANCIAL                    | Sili di 100/1000024070          | . 02/ 10/ 2022 | . 02/ 11/ 2020   |                 | 1,004,001          | 1010.0700000     |                        | 111,100                     | (00,400)       | 111,000                                 |      |             |                         |                     | (00,400               | ,              |                       |                | 0000                   |
| 147148 Call Options -            |                             |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078            | . 02/18/2022   | . 02/17/2023     |                 | 1,304,661          | 4348.87000000    |                        | 111,156 .                   | (96,498)       | 14,658                                  |      | 882         | 0                       | 0                   | (96,498               | )              |                       |                | 0003                   |
| 147833 Call Options -<br>S&P 500 | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573            | . 03/04/2022   | . 03/03/2023     |                 | 1,836,480          | 4328 . 87000000  |                        | 172,629                     | (143,225)      | 29,404                                  |      | 2.194       | 0                       | 0                   | (143,225              | )              |                       |                | 0003                   |
|                                  |                             |                       |                | X-CHANGE FINANCIAL                    |                                 |                |                  |                 | ,,                 |                  |                        |                             | (,,            |   |      |             |                         |                     | ( ,                   | ,              |                       |                |                        |
| 147846 Call Options -            |                             |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078            | . 03/04/2022   | . 03/03/2023     |                 | 4,328,870          | 4328 . 87000000  |                        | 398,690                     | (330,781)      | 67,909                                  |      | 4,454       | 0                       | 0                   | (330,781              | )              |                       |                | 0003                   |
|                                  |                             |                       |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| 147853 Call Options -            |                             |                       |                | STANLEY/CLEARED                       |                                 |                | / /              |                 |                    | =                |                        |                             |                |   |      |             | _                       |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | WELLS FARGO BANK,                     | 9R7GPTS07KV3UQJZQ078            | . 03/04/2022   | . 03/03/2023     |                 | 3,030,209          | 4328.87000000    |                        | 279,083 .                   | (231,547)      | 47,536                                  |      | 3,433       | J0                      | J 0                 | (231,547              | )              |                       |                | 0003                   |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   |                                       | KB1H1DSPRFMYMCUFXT09            | . 03/04/2022   | . 03/03/2023     |                 | 5,980,085          | 4328 . 87000000  |                        | 361,795 .                   | (300, 171)     | 61,624                                  |      |             | 0                       | 0                   | (300, 171             | )              |                       |                | 0003                   |
| 147907 Call Options -<br>S&P 500 | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76            | . 03/04/2022   | . 03/03/2023     |                 | 1,559,717          | 4328 . 87000000  |                        | 141,885                     | (117,718)      | 24, 167                                 |      | 1,034       | 0                       | 0                   | (117,718              | )              |                       |                | 0003                   |
|                                  |                             |                       | .,,            | MORGAN STANLEY &                      |                                 |                |                  |                 | ,,.                |                  |                        | ,                           | ,,             | ]                                       |      | ,           |                         |                     | ,                     |                |                       |                |                        |
| 147910 Call Options -<br>S&P 500 | LIABILITY HEDGE             | Exhibit 5             | Equity/Index   | CO. INTERNATIONAL PLC                 | 4PQUHN3JPFGFNF3BB653            | . 03/04/2022   | . 03/03/2023     |                 | 4,764,412          | 4328 . 87000000  |                        | 432,541 .                   | (358,866)      | 73,675                                  |      | 3,774       | 0                       | 0                   | (358,866              | )              |                       |                | 0003                   |
|                                  |                             |                       | 12.17,         | X-CHANGE FINANCIAL                    |                                 |                |                  |                 | ,,                 |                  |                        |                             | (222,000)      |   |      |             |                         |                     | (222,000              | ,              |                       |                |                        |
| 148465 Call Options -            |                             |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                                 |                |                  |                 |                    |                  |                        |                             |                |   |      |             |                         |                     |                       |                |                       |                |                        |
| S&P 500                          | LIABILITY HEDGE             | Exhibit 5             | Fauity/Index   |                                       | 9R7GPTS07KV3UQJZQ078            | 03/18/2022     | . 03/20/2023     |                 | 4 909 432          | 4463 . 12000000  |                        | 427 . 119                   | (335.178)      | 91.941                                  | l    | 2.641       | 0                       | 0                   | (335, 178             | 1              |                       |                | 0003                   |

### **SCHEDULE DB - PART A - SECTION 1**

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of December 31 of Current Year

|   |  |                      |                          |   | Sho                  | owing all (  | Options, (                | Caps, Floor  | rs, Collars, | Swaps and  | l Forwards  | Open as o   | f Decemb        | er 31 of Cu                   | ırrent Yeaı | ſ         |                                      |   |   |   |           |   |  |
|---|--|----------------------|--------------------------|---|----------------------|--------------|---------------------------|--------------|--------------|--|---|---|-----------------|-------------------------------|-------------|-----------|--------------------------------------|---|---|---|-----------|---|--|
| 1   | 2  | 3                    | 4                        |   | 5                    | 6            | 7                         | 8            | 9            | 10   | 11<br>Cumulative<br>Prior                                 | 12  | 13              | 14                            | 15          | 16        | 17                                   | 18  | 19  | 20  | 21        | 22  | 23   |
|   | Description<br>of Item(s)<br>Hedged,<br>Used for<br>Income<br>Generation | Schedule/<br>Exhibit | Type(s)<br>of<br>Risk(s) | Exchange  | , Counterparty       | Trade        | Date of<br>Maturity<br>or | Number<br>of | Notional     | Strike<br>Price,<br>Rate or<br>Index<br>Received | Year(s) Initial Cost of Un- discounted Premium (Received) | Current<br>Year Initial<br>Cost of Un-<br>discounted<br>Premium<br>(Received) | Current<br>Year | Book/<br>Adjusted<br>Carrying |             |           | Unrealized<br>Valuation<br>Increase/ | Total<br>Foreign<br>Exchange<br>Change in | Current<br>Year's<br>(Amorti-<br>zation)/ | Adjustment<br>to Carrying<br>Value of<br>Hedged | Potential | Credit<br>Quality<br>of<br>Refer-<br>ence | Hedge<br>Effectiveness<br>at Inception<br>and at<br>Year-end |
| Description   | or Replicated  | Identifier           | (a)                      |   | Clearinghouse        | Date         | Expiration                | Contracts    | Amount       | (Paid)   | Paid  | Paid  | Income          | Value                         | Code Fa     | air Value | (Decrease)                           | B./A.C.V.                                 | Accretion                                 | Item  | Exposure  | Entity                                    | (b)  |
| 148473 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO       | 9R7GPTS07KV3UQJZQ078 | . 03/18/2022 | . 03/20/2023              |              | 2,677,872    | 4463.12000000                                    |   | 232,974   | (182,824        | 50 , 150                      |             | 2, 131    | 0                                    | 0   | (182,824)                                 |   |           |   | 0003   |
| 148485 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | MORGAN STANLEY &  | G5GSEF7VJP5170UK5573 | . 03/18/2022 | . 03/20/2023              |              | 6,502,077    | 4463 . 12000000                                  |   | 357,614   | (280,635)       | 76,980                        |             |           | 0                                    | 0   | (280,635)                                 |   |           |   | 0003   |
| 148488 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | MORGAN STANLEY &  | 4PQUHN3JPFGFNF3BB653 | . 03/18/2022 | . 03/20/2023              |              | 1,400,582    | 4463 . 12000000                                  |   | 115,797   | (90,870)        | 24,926                        |             | 797       | 0                                    | 0   | (90,870)                                  |   |           |   | 0003   |
| 148500 Call Options -<br>S&P 500<br>148511 Call Options - | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | CO. INTERNATIONAL<br>PLC  | 4PQUHN3JPFGFNF3BB653 | . 03/18/2022 | . 03/20/2023              |              | 4,353,223    | 4463 . 12000000                                  |   | 359,914   | (282,439)       | 77,475                        |             | 3 , 193   | 0                                    | 0   | (282,439)                                 |   |           |   | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | SOCIETE GENERAL   | 02RNE81BXP4R0TD8PU41 | . 03/18/2022 | . 03/20/2023              |              | 1,886,379    | 4463 . 12000000                                  |   | 165,058   | (129,528)       | 35,530                        |             | 1,706     | 0                                    | 0   | (129,528)                                 |   |           |   | 0003   |
| S&P 500   |  |                      |                          | ROYAL BANK OF   | E570DZWZ7FF32TWEFA76 | . 04/06/2022 | . 04/06/2023              |              | 8,673,448    | 4481. 15000000                                   |   | 785,326   | (578,775)       | 206,552                       |             | 6,869     | 0                                    | 0   | (578,775)                                 |   |           |   | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | CANADAX-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED                | ES71P3U3RH1GC71XBU11 | . 04/06/2022 | . 04/06/2023              |              | 1,099,297    | 4481. 15000000                                   |   | 100,036   | (73,725)        | 26,311                        |             | 1,610     | 0                                    | 0   | (73,725)                                  |   |           |   | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             |   | 9R7GPTS07KV3UQJZQ078 | . 04/06/2022 | . 04/06/2023              |              | 6,721,725    | 4481. 15000000                                   |   | 594, 195  | (437,914)       | 156, 281                      |             | 4,917     | 0                                    | 0   | (437,914)                                 |   |           |   | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | CANADAX-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED                | ES71P3U3RH1GC71XBU11 | . 04/06/2022 | . 04/06/2023              |              | 1,355,830    | 4481.15000000                                    |   | 123,381   | (90,930)        | 32,451                        |             | 2,043     | 0                                    | 0   | (90,930)                                  |   |           |   | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             |   | 9R7GPTS07KV3UQJZQ078 | . 04/06/2022 | . 04/06/2023              |              | 1,792,460    | 4481. 15000000                                   |   | 158,452   | (116,777)       | 41,675                        |             | 1,943     | 0                                    | 0   | (116,777)                                 |   |           |   | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | CANADAX-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED                | ES71P3U3RH1GC71XBU11 | . 04/06/2022 | . 04/06/2023              |              | 7,701,288    | 4481.15000000                                    |   | 402,777   | (296,841)       | 105,936                       |             |           | 0                                    | 0   | (296,841)                                 |   |           |   | 0003   |
|   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | THROUGH CBO<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |                      | . 04/20/2022 | . 04/20/2023              |              | 5,797,285    | 4459.45000000                                    |   | 510 , 159   | (356,412)       | 153,747                       |             | 6,537     | 0                                    | 0   | (356,412)                                 |   |           |   | 0003   |
|   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | STANLEY/CLEARED THROUGH CBOX-CHANGE FINANCIAL ACCESS / MORGAN STANLEY/CLEARED | 9R7GPTS07KV3UQJZQ078 | . 04/20/2022 | . 04/20/2023              |              | 1,783,780    | 4459.45000000                                    |   | 156,972   | (109,665)       | 47,307                        |             | 2 , 157   | 0                                    | 0   | (109,665)                                 |   |           |   | 0003   |
| 149991 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | THROUGH CBO<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          | 9R7GPTS07KV3UQJZQ078 | . 04/20/2022 | . 04/20/2023              |              | 5,797,285    | 4459.45000000                                    |   | 510, 159  | (356,412)       | 153,747                       |             | 9,410     | 0                                    | 0   | (356,412)                                 |   |           |   | 0003   |
| 149993 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | X-CHANGE FINANCIAL<br>ACCESS / MORGAN   | 9R7GPTS07KV3UQJZQ078 | . 04/20/2022 | . 04/20/2023              |              | 1,337,835    | 4459.45000000                                    |   | 117,729   | (82,249)        | 35,480                        |             | 2,503     | 0                                    | 0   | (82,249)                                  |   |           |   | 0003   |
|   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | X-CHANGE FINANCIAL<br>ACCESS / MORGAN   | 9R7GPTS07KV3UQJZQ078 | . 04/20/2022 | . 04/20/2023              |              | 1,337,835    | 4459.45000000                                    |   | 117,729   | (82,249)        | 35,480                        |             | 2,616     | 0                                    | 0   | (82,249)                                  |   |           |   | 0003   |
| 149997 Call Options -<br>S&P 500<br>150018 Call Options - | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | STANLEY/CLEARED<br>THROUGH CBO  | 9R7GPTS07KV3UQJZQ078 | . 04/20/2022 | . 04/20/2023              |              | 1,337,835    | 4459.45000000                                    |   | 117,729   | (82,249)        | 35,480                        |             | 2,776     | 0                                    | 0   | (82,249)                                  |   |           |   | 0003   |
|   | LIABILITY HEDGE  | Exhibit 5            | Equity/Index             | BARCLAYS BANK PLC   | G5GSEF7VJP5170UK5573 | . 04/20/2022 | . 04/20/2023              |              | 6,877,660    | 4459.45000000                                    |   | 612,799   | (428, 120)      | 184,679                       |             | 2         | 0                                    | 0   | (428, 120)                                |   |           |   | 0003   |

| Showing all Ontions  | Cans Floors      | Collars, Swaps and Forwards Open as of December | er 31 of Current Year  |
|----------------------|------------------|---|------------------------|
| oriowing all Options | , Caps, i 1001s, | Collais, Swaps and Forwards Open as of Decembr  | 51 51 01 Cultelli Teal |

|                                  | Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of December 31 of Current Year |                      |               |                                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                |                    |
|----------------------------------|---|----------------------|---------------|---------------------------------------|-------------------------|----------------|----------------|--------------|-------------|-------------------|--------------------|--------------------|-----------------|---|------|------------|------------------------|--------------------|----------------------|--------------------|-----------|----------------|--------------------|
| 1                                | 2   | 3                    | 4             |                                       | 5                       | 6              | 7              | 8            | 9           | 10                | 11                 | 12                 | 13              | 14                                      | 15   | 16         | 17                     | 18                 | 19                   | 20                 | 21        | 22             | 23                 |
|                                  |   |                      |               |                                       |                         |                |                |              |             |                   | Cumulative         |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i                  |
|                                  | Description   |                      |               |                                       |                         |                |                |              |             |                   | Prior<br>Year(s)   | Current            |                 |   |      |            |                        |                    |                      |                    |           |                | i                  |
|                                  | of Item(s)  |                      |               |                                       |                         |                |                |              |             | Strike            | Initial Cost       | Year Initial       |                 |   |      |            |                        |                    |                      |                    |           | Credit         | Hedge              |
|                                  | Hedged,   |                      |               |                                       |                         |                |                |              |             | Price,            | of Un-             | Cost of Un-        |                 |   |      |            |                        | Total              | Current              | Adjustment         |           |                | Effectiveness      |
|                                  | Used for  |                      | Type(s)       |                                       |                         |                | Date of        |              |             | Rate or           | discounted         | discounted         |                 | Book/                                   |      |            | Unrealized             | Foreign            | Year's               | to Carrying        |           | of             | at Inception       |
|                                  | Income<br>Generation  | Schedule/<br>Exhibit | of<br>Risk(s) | Evohango                              | , Counterparty          | Trade          | Maturity<br>or | Number<br>of | Notional    | Index<br>Received | Premium (Received) | Premium (Received) | Current<br>Year | Adjusted<br>Carrying                    |      |            | Valuation<br>Increase/ | Exchange Change in | (Amorti-<br>zation)/ | Value of<br>Hedged | Potential | Refer-<br>ence | and at<br>Year-end |
| Description                      | or Replicated   | Identifier           | (a)           |                                       | Clearinghouse           | Date           | Expiration     | Contracts    | Amount      | (Paid)            | Paid               | Paid               | Income          | Value                                   | Code | Fair Value | (Decrease)             | B./A.C.V.          | Accretion            | Item               | Exposure  | Entity         | (b)                |
|                                  |   |                      | (=)           | MORGAN STANLEY &                      |                         |                |                |              |             | (1 5.15)          |                    |                    |                 |   |      |            | (= 00.000)             |                    |                      |                    |           |                | (-/                |
| 150391 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Evhibi+ E            | Eauitu/Indov  | CO. INTERNATIONAL                     | 4PQUHN3JPFGFNF3BB653    | . 05/06/2022   | . 05/05/2023   |              | 5,498,421   | 4123.34000000     |                    | 533,395            | (350,224)       | 183, 171                                |      | 34,916     | 0                      | 0                  | (350,224)            |                    |           |                | 0003               |
| 150401 Call Options -            | LIADILIII NEUGE   | EXIIIDIL 5           | Equity/ muex  | FLU                                   | 4FQUIINOUFFUFINFODDUOO  | . 03/00/2022   | . 03/03/2023   |              | 3,490,421   | 4123.34000000     |                    |                    | (300,224)       | 100, 171                                |      |            |                        |                    | (330,224)            |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76    | . 05/06/2022   | . 05/05/2023   |              | 1,004,220   | 4123.34000000     |                    | 102,070 .          | (67,018)        | 35,051                                  |      | 11,189     | 0                      | 0                  | (67,018)             |                    |           |                | 0003               |
| 150403 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Evhibit 5            | Equity/Indox  | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573    | . 05/06/2022   | . 05/05/2023   |              | 1, 199, 793 | 4123.34000000     |                    | 121.539            | (79.802)        | 41,737                                  |      | 15 . 239   | 0                      | 0                  | (79.802)             |                    |           |                | 0003               |
| 150411 Call Options -            | LIABILITI IILDOL  | LAIIIDIL J           | Lqui ty/ muex | DANGERTS DANK FEG                     | 0303LI / VOF 31/00N33/3 | . 03/00/2022   | . 03/03/2023   |              | 1, 199,790  | 4123.34000000     |                    | 121,559            | (13,002)        | 41,737                                  |      | 13,205     |                        |                    | (13,002)             |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  |                                       |                         | . 05/06/2022   | . 05/05/2023   |              | 1,198,682   | 4123.34000000     |                    | 121,426            | (79,728)        | 41,699                                  |      | 17,112     | 0                      | 0                  | (79,728)             |                    |           |                | 0003               |
|                                  |   |                      |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i l                |
| 150424 Call Options -            |   |                      |               | STANLEY/CLEARED                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i l                |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  |                                       | 9R7GPTS07KV3UQJZQ078    | . 05/06/2022   | . 05/05/2023   |              | 7,834,346   | 4123.34000000     |                    | 693,348            | (455,248)       | 238 , 100                               |      | 68,452     | 0                      | 0                  | (455,248)            |                    |           |                | 0003               |
|                                  |   |                      |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i l                |
| 150426 Call Options -            |   |                      |               | STANLEY/CLEARED                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i l                |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | THROUGH CBO<br>X-CHANGE FINANCIAL     | 9R7GPTS07KV3UQJZQ078    | . 05/06/2022   | . 05/05/2023   |              | 824,668     | 4123.34000000     |                    | 72,984             | (47,921)        | 25,063                                  |      | 8 , 587    | 0                      | 0                  | (47,921)             |                    |           |                | 0003               |
|                                  |   |                      |               | ACCESS / MORGAN                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i l                |
| 150429 Call Options -            |   |                      |               | STANLEY/CLEARED                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | 1                  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078    | . 05/06/2022   | . 05/05/2023   |              | 824,668     | 4123.34000000     |                    | 72,984             | (47,921)        | 25,063                                  |      | 9 , 150    | 0                      | 0                  | (47,921)             |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573    | . 05/06/2022   | . 05/05/2023   |              | 8,213,397   | 4123.34000000     |                    | 832,017            | (546,297)       | 285,720                                 |      | 1,526      | 0                      | 0                  | (546,297)            |                    |           |                | 0003               |
| 454044 0 11 0 41                 |   |                      |               | MORGAN STANLEY &                      |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i                  |
| 151044 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5            | Fauity/Index  | CO. INTERNATIONAL PLC                 | 4PQUHN3JPFGFNF3BB653    | . 05/20/2022   | . 05/19/2023   |              | 2,017,667   | 3901.36000000     |                    | 206,868            | (127,872)       | 78.996                                  |      |            | 0                      | 0                  | (127,872)            |                    |           |                | 0003               |
|                                  | 21101211111202111111  |                      | Equity/ maox  | MORGAN STANLEY &                      | 40110011 0111 055000    | . 00, 20, 2022 | . 00, 10, 2020 |              | 2,011,001   |                   |                    | 200,000            | (12.,012)       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |      |            |                        |                    | ( .2. , 0. 2 )       |                    |           |                | 1                  |
| 151048 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Evhibit 5            | Equity/Indox  | CO. INTERNATIONAL                     | 4PQUHN3JPFGFNF3BB653    | . 05/20/2022   | . 05/19/2023   |              | 2 201 144   | 3901.36000000     |                    | 225,680            | (139,500)       | 86 , 180                                |      | 54,798     | 0                      | 0                  | (139,500)            |                    |           |                | 0003               |
| σαι σου                          | LIABILITI IILDOL  | LAIIIDIL J           | Lqui ty/ muex | PLCX-CHANGE FINANCIAL                 |                         | . 03/20/2022   | . 03/ 13/ 2023 |              | 2,201,144   | 350 1.30000000    |                    | 223,000            | (105,000)       |   |      |            |                        |                    | (109,500)            |                    |           |                | 0003               |
|                                  |   |                      |               | ACCESS / MORGAN                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i                  |
| 151071 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Evhihit 5            | Fauity/Index  | STANLEY/CLEARED THROUGH CRO           | 9R7GPTS07KV3UQJZQ078    | . 05/20/2022   | . 05/19/2023   |              | 4 201 406   | 3901.36000000     |                    | 441 . 166 .        | (272,699)       | 168 . 467                               |      | 43 . 535   | 0                      | 0                  | (272,699)            |                    |           |                | 0003               |
| our 000                          | EMBIETTI NEBGE  | EXIIIDIT O           | Equity/ mucx  | X-CHANGE FINANCIAL                    |                         | . 00/ 20/ 2022 | . 00/ 10/ 2020 |              | ,201,400    | 000 1.00000000    |                    |                    | (2/2,000)       | 100,407                                 |      |            |                        |                    | (2/2,000)            |                    |           |                | 1                  |
| 454070 0 11 0 11                 |   |                      |               | ACCESS / MORGAN                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i                  |
| 151073 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | STANLEY/CLEARED<br>THROUGH CBO        | 9R7GPTS07KV3UQJZQ078    | . 05/20/2022   | . 05/19/2023   |              | 6.632.312   | 3901.36000000     |                    | 681,802            | (421,444)       | 260,358                                 |      | 101,407    | 0                      | 0                  | (421,444)            |                    |           |                | 0003               |
| 151095 Call Options -            |   |                      |               |                                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                |                    |
| S&P 500<br>151612 Call Options - | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573    | . 05/20/2022   | . 05/19/2023   |              | 6,646,193   | 3901.36000000     |                    | 411,399 .          | (254,299)       | 157 , 100                               |      | 57,554     | 0                      | 0                  | (254,299)            |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76    | . 06/06/2022   | . 06/06/2023   | <b></b>      | 5,531,352   | 4121 . 43000000   |                    | 540,309            | (307,902)       | 232,407                                 |      | 36,901     | 0                      | 0                  | (307,902)            |                    |           |                | 0003               |
|                                  |   |                      |               | X-CHANGE FINANCIAL                    |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i                  |
| 151650 Call Options -            |   |                      |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                | i                  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078    | . 06/06/2022   | . 06/06/2023   |              | 1,236,429   | 4121 . 43000000   |                    | 119,562            | (68, 134)       | 51,428                                  |      | 15,885     | 0                      | 0                  | (68, 134)            |                    |           |                | 0003               |
| 151660 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Evhibit E            | Eauitu/Ind    | ROYAL BANK OF                         | . ES71P3U3RHIGC71XBU11  | . 06/06/2022   | . 06/06/2023   |              | 8,018,041   | 4121 . 43000000   |                    | 792 , 182 .        | (451,436)       | 340,747                                 |      |            | ^                      | _                  | (AE4 A00)            |                    |           |                | 0003               |
| 151672 Call Options -            | LIADILIII NEUGE   | Exhibit 5            | Equity/index  | CANADA                                | . ESTIPSUSHFIGUTIXBUII  | . 00/00/2022   | . 00/00/2023   |              | 8,018,041   | 4121.43000000     |                    | 192, 182           | (431,436)       | 340,747                                 |      | 82,963     | 0                      | 0                  | (451,436)            |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573    | . 06/06/2022   | . 06/06/2023   |              | 3, 186, 909 | 4121 . 43000000   |                    | 311,952 .          | ( 177,770)      | 134, 182                                |      | 52,117     | 0                      | 0                  | (177,770)            |                    |           |                | 0003               |
| 151678 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5            | Fauity/Index  | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76    | . 06/06/2022   | . 06/06/2023   |              | 926 , 297   | 4121 . 43000000   |                    | 90,587             | (51,622)        | 38,965                                  |      | 15,022     | n                      | n                  | (51,622)             |                    |           |                | 0003               |
| 151701 Call Options -            |   |                      |               |                                       |                         |                |                |              |             |                   |                    |                    |                 |   |      |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573    | . 06/06/2022   | . 06/06/2023   |              | 8,946,473   | 4121 . 43000000   |                    | 526,695            | (300, 144)      | 226,551                                 |      | 4,687      | 0                      | 0                  | (300, 144)           |                    |           |                | 0003               |
| 152995 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | ROYAL BANK OF<br>CANADA               | . ES71P3U3RHIGC71XBU11  | . 06/17/2022   | . 06/20/2023   | <u> </u>     | 7,264,395   | 3674.84000000     |                    | 482,356            | (258,218)       | 224, 138                                |      | 173,611    | 0                      | 0                  | (258,218)            |                    |           |                | 0003               |
| 153000 Call Options -            |   |                      |               |                                       |                         |                |                | "            |             |                   |                    |                    |                 | •                                       |      |            |                        |                    |                      |                    |           |                | 1                  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5            | Equity/Index  | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76    | . 06/17/2022   | . 06/20/2023   |              | 3,811,032   | 3674.84000000     |                    | 408,840            | (218,863)       | 189,978                                 |      | 52,341     | 0                      | 0                  | (218,863)            |                    |           |                | 0003               |

| Showing all Ontions | Cans Floors | Collars Swans and F | orwards Open as of | December 31 of Current Year |
|---------------------|-------------|---------------------|--------------------|-----------------------------|
|                     |             |                     |                    |                             |

| Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of December 31 of Current Year |                           |             |               |                                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        |               |
|---|---------------------------|-------------|---------------|---------------------------------------|--------------------------|----------------|----------------|-----------|-------------|-----------------|-------------------------|-------------------------|-----------|-----------|------|---|------------|-----------|-----------|-------------|-----------|--------|---------------|
| 1   | 2                         | 3           | 4             |                                       | 5                        | 6              | 7              | 8         | 9           | 10              | 11                      | 12                      | 13        | 14        | 15   | 16                                      | 17         | 18        | 19        | 20          | 21        | 22     | 23            |
|   |                           |             |               |                                       |                          |                |                |           |             |                 | Cumulative              |                         |           |           |      |   |            |           |           |             |           |        | 1             |
|   | Decemention               |             |               |                                       |                          |                |                |           |             |                 | Prior                   | Cumant                  |           |           |      |   |            |           |           |             |           |        | 1             |
|   | Description<br>of Item(s) |             |               |                                       |                          |                |                |           |             | Strike          | Year(s)<br>Initial Cost | Current<br>Year Initial |           |           |      |   |            |           |           |             |           | Credit | Hedge         |
|   | Hedged,                   |             |               |                                       |                          |                |                |           |             | Price,          | of Un-                  | Cost of Un-             |           |           |      |   |            | Total     | Current   | Adjustment  |           |        | Effectiveness |
|   | Used for                  |             | Type(s)       |                                       |                          |                | Date of        |           |             | Rate or         | discounted              | discounted              |           | Book/     |      |   | Unrealized | Foreign   | Year's    | to Carrying |           | of     | at Inception  |
|   | Income                    | Schedule/   | of            |                                       |                          |                | Maturity       | Number    |             | Index           | Premium                 | Premium                 | Current   | Adjusted  |      |   | Valuation  | Exchange  | (Amorti-  | Value of    |           | Refer- | and at        |
| 5   | Generation                | Exhibit     | Risk(s)       |                                       | , Counterparty           | Trade          | or             | of        | Notional    | Received        | (Received)              | (Received)              | Year      | Carrying  |      |   | Increase/  | Change in | zation)/  | Hedged      | Potential | ence   | Year-end      |
| Description   | or Replicated             | Identifier  | (a)           | or Central                            | Clearinghouse            | Date           | Expiration     | Contracts | Amount      | (Paid)          | Paid                    | Paid                    | Income    | Value     | Code | Fair Value                              | (Decrease) | B./A.C.V. | Accretion | Item        | Exposure  | Entity | (b)           |
| 153005 Call Options -<br>S&P 500  | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76     | . 06/17/2022   | . 06/20/2023   |           | 6,720,595   | 3674 . 84000000 |                         | 720,973                 | (385,956) | 335,017   |      | 148,454                                 | 0          | 0         | (385,956  | )           |           |        | 0003          |
|   |                           |             |               | X-CHANGE FINANCIAL                    |                          |                |                |           | ,,          |                 |                         |                         | ,         |           |      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |            |           | (410,40   | 1           |           |        | 1             |
| 450000 0 11 0 11  |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 153022 Call Options -<br>S&P 500  | LIABILITY HEDGE           | Exhibit 5   | Fauity/Index  | STANLEY/CLEARED THROUGH CRO           | 9R7GPTS07KV3UQJZQ078     | . 06/17/2022   | . 06/20/2023   |           | 4 409 808   | 3674 . 84000000 |                         | 464.352                 | (248,580) | 215,772   |      | 56,760                                  | 0          | 0         | (248,580  | )           |           |        | 0003          |
| our 000   | EMBIETTI NEBGE            | EXIIIDIT O  | Equity/ macx  | X-CHANGE FINANCIAL                    | om ar room roodozdoro    | . 00/ 11/ 2022 | . 00/ 20/ 2020 |           | , 400,000   |                 |                         |                         | (240,000) |           |      |   |            |           | (240,000  | 1           |           |        |               |
|   |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 153026 Call Options -<br>S&P 500  | LIABILITY HEDGE           | Evhibit 5   | Equity/Index  | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078     | . 06/17/2022   | . 06/20/2023   |           | 1 460 036   | 3674 . 84000000 |                         | 154,784                 | (82,860)  | 71,924    |      | 37,288                                  | 0          | 0         | (82,860   | A .         |           |        | 0003          |
| Jul 300   | LIADILITI ILDUL           | EMITOIL J   | Equity/ Index | X-CHANGE FINANCIAL                    | GATOR TOUTH TOUGHE QUITO | . 00/ 11/2022  | . 00/ 20/ 2020 |           | , 400, 300  | 0017.04000000   |                         |                         | (02,000)  | 11,324    |      |   |            |           | (02,000   | /           |           |        |               |
|   |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 153028 Call Options -   | LIADILITY HENCE           | Evhibit E   | Equity/Index  | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078     | 06 /17 /2022   | . 06/20/2023   |           | 1 460 026   | 3674 . 84000000 |                         | 154,784                 | (82,860)  | 71,924    |      | 46.801                                  |            |           | (82,860   | ,           |           |        | 0003          |
| S&P 500   | LIABILITY HEDGE           | EXHIBIT 2   | Equity/Index  | X-CHANGE FINANCIAL                    | 9H/GP15U/N/3UQJZQU/8     | . 06/17/2022   | . 00/20/2023   |           | 1,409,930   | 3074.84000000   |                         | 104,784                 | (82,800)  |           |      | 40,801                                  |            |           | (82,800   | /           |           |        | 0003          |
|   |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 153796 Call Options -   |                           |             |               | STANLEY/CLEARED                       | 0070070071/1/01/0 170070 | 07/00/0000     | 27/22/2222     |           | 0 450 400   | 0045 0000000    |                         | 202 502                 | (007 500) | 000 070   |      | 70 544                                  |            |           | (007 500  |             |           |        |               |
| S&P 500   | LIABILITY HEDGE           | EXNIBIT 5   | Equity/index  | MORGAN STANLEY &                      | 9R7GPTS07KV3UQJZQ078     | . 07/06/2022   | . 07/06/2023   |           | 6, 152, 128 | 3845.08000000   |                         | 630,592                 | (307,522) | 323,070   |      | 70,511                                  |            | 0         | (307,522  | )           |           |        | 0003          |
| 153802 Call Options -   |                           |             |               | CO. INTERNATIONAL                     |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| S&P 500   | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  | PLC                                   | 4PQUHN3JPFGFNF3BB653     | . 07/06/2022   | . 07/06/2023   |           | 6,429,929   | 3845.08000000   |                         | 675,588                 | (329,465) | 346 , 123 |      | 110,551                                 | 0          | 0         | (329,465  | )           |           |        | 0003          |
| 153807 Call Options -<br>S&P 500  | LIABILITY HEDGE           | Evhibi+ E   | Equity/Index  | CITIDANK NI A                         | E570DZWZ7FF32TWEFA76     | . 07/06/2022   | . 07/06/2023   |           | 1,070,093   | 3845.08000000   |                         | 110,032                 | (53,659)  | 56,373    |      | 22,001                                  |            |           | (53,659   |             |           |        | 0003          |
| 153809 Call Options -   | LIABILITI IILDOL          | LAIIIDIT J  | Equity/ muex  | CITIDANK N.A                          | L3700211271132111L1 A70  | . 07/00/2022   | . 07/00/2023   |           | 1,070,093   | 3043.0000000    |                         | 110,032                 | (30,039)  |           |      | 22,001                                  |            |           | (35,655   | ,           |           |        | 0003          |
| S&P 500   | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76     | . 07/06/2022   | . 07/06/2023   |           | 1,109,977   | 3845.08000000   |                         | 114,201                 | (55,692)  | 58,508    |      | 28,276                                  | 0          | 0         | (55,692   | )           |           |        | 0003          |
| 153814 Call Options -<br>S&P 500  | LIABILITY HEDGE           | Evhibit E   | Equity/Index  | CITIDANK NI A                         | E570DZWZ7FF32TWEFA76     | . 07/06/2022   | . 07/06/2023   |           | 1,342,391   | 3845.08000000   |                         | 138 , 151 .             | (67,372)  | 70,779    |      | 40.074                                  |            |           | (67,372   |             |           |        | 0003          |
| 153823 Call Options -   | LIABILITI NEDUE           | EXIIIDIL 5  | Equity/Index  | CITIDANN N.A                          | E3/UDZIIZ/FF3ZIIIEFA/O   | . 07/00/2022   | . 07/00/2023   |           | 1,342,391   | 3643.06000000   |                         |                         | (01,312)  |           |      | 40,074                                  |            |           | (67,372   | )           |           |        | 0003          |
| S&P 500   | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  |                                       | G5GSEF7VJP5170UK5573     | . 07/06/2022   | . 07/06/2023   |           | 7,452,400   | 3845.08000000   |                         | 447, 144                | (218,059) | 229,085   |      | 111,288                                 | 0          | 0         | (218,059  | )           |           |        | 0003          |
| 154446 Call Options -   | LIADILITY HEDGE           | FLILIA F    | F: 4 /1 - d   | ROYAL BANK OF                         | E071D0U0DU10074VDU44     | 07 (00 (0000   | 07/00/0000     |           | C ECO 701   | 2050 00000000   |                         | 200 005                 | (470.057) | 040,000   |      | FO 740                                  |            | 0         | (470.057  | ,           |           |        | 0003          |
| S&P 500   | LIABILITY HEDGE           | EXHIBIT 5   | Equity/Index  | CANADAX-CHANGE FINANCIAL              | ES71P3U3RHIGC71XBU11     | . 07/20/2022   | . 07/20/2023   |           | 6,568,731   | 3959.90000000   |                         | 398,065                 | (178,857) | 219,208   |      | 59,743                                  |            |           | ( 178,857 | /           |           |        | 0003          |
|   |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1 '           |
| 154449 Call Options -   | LIADILITY HEDGE           | Fullible F  | F   1 - 1     | STANLEY/CLEARED                       | 007001007///01/0 170070  | 07 /00 /0000   | 07/00/0000     |           | 4 055 000   | 2050 00000000   |                         | 445 470                 | (000,000) | 045 440   |      | 40.007                                  | _          | _         | (000,000  |             |           |        | 0000          |
| S&P 500   | LIABILITY HEDGE           | EXNIBIT 5   | Equity/Index  | X-CHANGE FINANCIAL                    | 9R7GPTS07KV3UQJZQ078     | . 07/20/2022   | . 07/20/2023   |           | 4,355,890   | 3959.90000000   |                         | 445,170                 | (200,022) | 245, 148  |      | 42,627                                  | 0          | J0        | (200,022  | 1           |           |        | 0003          |
|   |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 154475 Call Options -   | LIADULITY HEDDE           | F 1 11 14 F | F 14 // 1     | STANLEY/CLEARED                       | 0070070071/1/01/0 170070 | 07 (00 (0000   | 07/00/0000     |           | 4 070 050   | 0050 00000000   |                         | 000 050                 | (00.010)  | 444 404   |      | 00 100                                  | _          | _         | (00.040   |             |           |        | 0000          |
| S&P 500   | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  | X-CHANGE FINANCIAL                    | 9R7GPTS07KV3UQJZQ078     | . 07/20/2022   | . 07/20/2023   |           | 1,9/9,950   | 3959.90000000   |                         | 202,350                 | (90,919)  | 111,431   |      | 20,498                                  | 0          | J0        | (90,919   | /           |           |        | 0003          |
|   |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 154491 Call Options -   |                           |             |               | STANLEY/CLEARED                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| S&P 500   | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  | X-CHANGE FINANCIAL                    | 9R7GPTS07KV3UQJZQ078     | . 07/20/2022   | . 07/20/2023   |           | 1,187,970   | 3959.90000000   |                         | 121,410                 | (54,551)  | 66,859    |      | 17,902                                  | 0          | 0         | (54,551   | )           |           |        | 0003          |
|   |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 154497 Call Options -   |                           |             | L             | STANLEY/CLEARED                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| S&P 500   | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  | THROUGH CBO<br>X-CHANGE FINANCIAL     | 9R7GPTS07KV3UQJZQ078     | . 07/20/2022   | . 07/20/2023   |           | 1,583,960   | 3959.90000000   |                         | 161,880                 | (72,735)  | 89, 145   |      | 28,555                                  | 0          | 0         | (72,735   | )           |           |        | 0003          |
|   |                           |             |               | ACCESS / MORGAN                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 154503 Call Options -   |                           |             |               | STANLEY/CLEARED                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| S&P 500   | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  |                                       | 9R7GPTS07KV3UQJZQ078     | . 07/20/2022   | . 07/20/2023   |           | 1,583,960   | 3959.90000000   |                         | 161,880                 | (72,735)  | 89, 145   |      | 29,935                                  | 0          | 0         | (72,735   | )           |           |        | 0003          |
|   |                           |             |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| 154505 Call Options -   |                           |             |               | STANLEY/CLEARED                       |                          |                |                |           |             |                 |                         |                         |           |           |      |   |            |           |           |             |           |        | 1             |
| S&P 500   | LIABILITY HEDGE           | Exhibit 5   | Equity/Index  | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078     | . 07/20/2022   | . 07/20/2023   | L         | 3,563,910   | 3959.90000000   | L                       | 364.230                 | (163.654) | 200.576   | 1    | 69,352                                  | 0          | l0        | (163.654  | )[          |           |        | 0003          |

| Showing all Ontions  | Cans Floors      | Collars, Swaps and Forwards Open as of December | er 31 of Current Year  |
|----------------------|------------------|---|------------------------|
| oriowing all Options | , Caps, i 1001s, | Collais, Swaps and Forwards Open as of Decembr  | 51 51 01 Cultelli Teal |

|                                  | _   |                                    |                                 | 1  |                                 | wing all (    | options, t                              | Caps, Floors              | s, collars,        |  |                           |   |                           |  |      |             | I 4-   | 1 40   | 40   | 00  | 0.1                   |   | 00  |
|----------------------------------|---|------------------------------------|---------------------------------|--|---------------------------------|---------------|---|---------------------------|--------------------|--|---------------------------|---|---------------------------|--|------|-------------|--|--|--|---|-----------------------|---|---|
| 1                                | 2   | 3                                  | 4                               |  | 5                               | 6             | 7                                       | 8                         | 9                  | 10   | 11<br>Cumulative<br>Prior | 12  | 13                        | 14                                     | 15   | 16          | 17   | 18   | 19   | 20  | 21                    | 22  | 23  |
| Description                      | Description of Item(s) Hedged, Used for Income Generation or Replicated | Schedule/<br>Exhibit<br>Identifier | Type(s)<br>of<br>Risk(s)<br>(a) |  | , Counterparty<br>Clearinghouse | Trade<br>Date | Date of<br>Maturity<br>or<br>Expiration | Number<br>of<br>Contracts | Notional<br>Amount | Strike<br>Price,<br>Rate or<br>Index<br>Received<br>(Paid) | Premium                   | Current<br>Year Initial<br>Cost of Un-<br>discounted<br>Premium<br>(Received)<br>Paid | Current<br>Year<br>Income | Book/<br>Adjusted<br>Carrying<br>Value | Code | Fair Value  | Unrealized<br>Valuation<br>Increase/<br>(Decrease) | Total<br>Foreign<br>Exchange<br>Change in<br>B./A.C.V. | Current<br>Year's<br>(Amorti-<br>zation)/<br>Accretion | Adjustment<br>to Carrying<br>Value of<br>Hedged<br>Item | Potential<br>Exposure | Credit<br>Quality<br>of<br>Refer-<br>ence<br>Entity | Hedge<br>Effectiveness<br>at Inception<br>and at<br>Year-end<br>(b) |
| Description                      | or replicated   | identifie                          | (a)                             | X-CHANGE FINANCIAL   | Clearinghouse                   | Date          | Lxpiration                              | Contracts                 | Amount             | (i aiu)  | i aiu                     | i aiu   | IIICOIIIC                 | value                                  | Code | i ali value | (Decrease)   | D./A.C.V.  | Accietion  | item  | LXPOSUIC              | Littly  | (b)   |
| 154510 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN | 9R7GPTS07KV3UQJZQ078            | . 07/20/2022  | . 07/20/2023                            |                           | 1,583,960          | 3959.90000000  |                           | 161,880   | (72,735                   | )89, 145                               |      | 33,564      | 0  | 0  | (72,735)   |   |                       |   | 0003  |
| 154520 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | STANLEY/CLEARED  | 9R7GPTS07KV3UQJZQ078            | . 07/20/2022  | . 07/20/2023                            |                           | 1,187,970          | 3959.90000000  |                           | 121,410   | (54,551                   | )66,859                                |      | 27 , 179    | 0  | 0  | (54,551)   |   |                       |   | 0003  |
| 154526 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | STANLEY/CLEARED<br>THROUGH CBO   | 9R7GPTS07KV3UQJZQ078            | . 07/20/2022  | . 07/20/2023                            |                           | 1,187,970          | 3959.90000000  |                           | 121,410   | (54,551                   | )66,859                                |      | 31,633      | 0  | 0  | (54,551)   |   |                       |   | 0003  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CITIBANK N.A   | E570DZWZ7FF32TWEFA76            | . 08/05/2022  | . 08/04/2023                            |                           | 6,781,421          | 4145 . 19000000  |                           | 677,751   | (275,569                  | )402, 182                              |      | 50,664      | 0  | 0  | (275,569)  |   |                       |   | 0003  |
| 155070 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CITIBANK N.A   | E570DZWZ7FF32TWEFA76            | . 08/05/2022  | . 08/04/2023                            |                           | 6,026,587          | 4145 . 19000000  |                           | 602,311   | (244,896                  | )357,415                               |      | 68 , 165    | 0  | 0  | (244,896)  |   |                       |   | 0003  |
| 155072 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC  | G5GSEF7VJP5170UK5573            | . 08/05/2022  | . 08/04/2023                            |                           | 1,293,420          | 4145 . 19000000  |                           | 129,342   | (52,590                   | )76,752                                |      | 17,876      | 0  | 0  | (52,590)   |   |                       |   | 0003  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC<br>WELLS FARGO BANK.   | G5GSEF7VJP5170UK5573            | . 08/05/2022  | . 08/04/2023                            |                           | 3, 167, 732        | 4145 . 19000000  |                           | 316,773   | (128,798                  | )187,975                               |      | 56,593      | 0  | 0  | (128,798)  |   |                       |   | 0003  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    |  | KB1H1DSPRFMYMCUFXT09            | . 08/05/2022  | . 08/04/2023                            |                           | 6,497,901          | 4145. 19000000   |                           | 380 ,777  | (154,821                  | )225,956                               |      | 12,528      | 0  | 0  | (154,821)  |   |                       |   | 0003  |
| 155162 Call Options -<br>S&P 500 | LIARULTY JEDOE  | E 1 11 14 E                        | F 14 (1 4                       | STANLEY/CLEARED  | 007007007///01/0 170070         | 00 (05 (0000  | 00 (04 (0000                            |                           | 000 000            | 4445 40000000  |                           | 00.004  | (00.470                   | 40.050                                 |      | 0.007       |  |  | (00.470)   |   |                       |   | 0000  |
| 155754 Call Options -            | LIABILITY HEDGE   |                                    |                                 | BNP PARIBAS LONDON   |                                 | . 08/05/2022  |   |                           | 829,038            |  |                           | 82,324  | (33,472                   |  |      | 6,667       |  |  | (33,472)   |   |                       |   | 0003  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    |  | ROMUWSFPU8MPR08K5P83            | . 08/19/2022  | . 08/18/2023                            |                           | 1,049,139          | 4228 . 48000000  |                           | 104,756   | (38,564                   | )66, 192                               |      | 7,280       | 0  | 0  | (38,564)   |   |                       |   | 0003  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC<br>BNP PARIBAS LONDON  | G5GSEF7VJP5170UK5573            | . 08/19/2022  | . 08/18/2023                            |                           | 6,135,032          | 4228 . 48000000  |                           | 368 , 102   | (135,510                  | )232,592                               |      | 5,003       | 0  | 0  | (135,510)  |   |                       |   | 0003  |
| 155759 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    |  | ROMUWSFPU8MPR08K5P83            | . 08/19/2022  | . 08/18/2023                            |                           | 1,653,942          | 4228 . 48000000  |                           | 165, 146  | (60,796                   | )104,351                               |      | 12,003      | 0  | 0  | (60,796)   |   |                       |   | 0003  |
| 155762 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC  | G5GSEF7VJP5170UK5573            | . 08/19/2022  | . 08/18/2023                            |                           | 3, 136, 837        | 4228 . 48000000  |                           | 313,684   | (115,477                  | )198,207                               |      | 33,841      | 0  | 0  | (115,477)  |   |                       |   | 0003  |
| 155765 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC  | G5GSEF7VJP5170UK5573            | . 08/19/2022  | . 08/18/2023                            |                           | 1,018,166          | 4228 . 48000000  |                           | 101,817   | (37,482                   | )64,335                                |      | 12,611      | 0  | 0  | (37,482)   |   |                       |   | 0003  |
| 155767 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC  | G5GSEF7VJP5170UK5573            | . 08/19/2022  | . 08/18/2023                            |                           | 2,821,332          | 4228 . 48000000  |                           | 282, 133  | (103,862                  | ) 178,271                              |      | 36.186      |  | n  | (103,862)  |   |                       |   | 0003  |
| 155770 Call Options -<br>S&P 500 | LIABILITY HEDGE   |                                    |                                 |  | G5GSEF7VJP5170UK5573            | . 08/19/2022  | . 08/18/2023                            |                           | 1.165.958          | 4228 . 48000000  |                           | 116.596   | (42,923                   |  |      | 16.289      | 0  | 0  | (42.923)   |   |                       |   | 0003  |
| 155772 Call Options -            |   |                                    |                                 |  |                                 |               |   |                           | , .,               |  |                           | ,   |                           |  |      | ,           |  |  | , , , , ,  |   |                       |   |   |
| S&P 500<br>155774 Call Options - |   |                                    | Equity/Index                    |  | G5GSEF7VJP5170UK5573            | . 08/19/2022  | . 08/18/2023                            | ···········               | 1,510,461          | 4228 . 48000000  |                           | 151,046   | (55,605                   |  |      | 23,268      | 0  | 0  | (55,605)   |   |                       |   | 0003  |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC<br>X-CHANGE FINANCIAL  | G5GSEF7VJP5170UK5573            | . 08/19/2022  | . 08/18/2023                            |                           | 1,310,922          | 4228 . 48000000  |                           | 131,092   | (48,259                   | )82,833                                |      | 22,906      | 0  | 0  | (48,259)   |   |                       |   | 0003  |
| 156462 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN | 9R7GPTS07KV3UQJZQ078            | . 09/06/2022  | . 09/06/2023                            |                           | 1, 172, 457        | 3908 . 19000000  |                           | 122,286   | (38,864                   | )83,423                                |      | 13,043      | 0  | 0  | (38,864)   |   |                       |   | 0003  |
| 156468 Call Options -            | LIARILITY HENGE   | FLILIA F                           | Fauity/Index                    | STANLEY/CLEARED  | 0P70PT907KV3II0 I70078          | 00 (00 (0000  | 00/06/2023                              |                           | 4 500 070          | 3008 10000000  |                           | 163 0/8   | (51.818                   | 111 230                                |      | 18 530      |  |  | (51 818)   |   |                       |   | 0003  |

| Showing all Options | Caps Floors | s. Collars, Swaps and Forwards Open as of December 31 of Current Ye | ear |
|---------------------|-------------|---|-----|
|                     |             |   |     |

|                                  | Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of December 31 of Current Year |                       |                |                                       |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
|----------------------------------|---|-----------------------|----------------|---------------------------------------|--|----------------|------------------|-----------|--------------------|------------------|---------------------------|-----------------------------|----------------|-------------------|------|------------|-------------------------|---------------------|------------|----------------|-----------|-------------------|------------------------|
| 1                                | 2   | 3                     | 4              |                                       | 5  | 6              | 7                | 8         | 9                  | 10               | 11<br>Cumulative<br>Prior | 12                          | 13             | 14                | 15   | 16         | 17                      | 18                  | 19         | 20             | 21        | 22                | 23                     |
|                                  | Description   |                       |                |                                       |  |                |                  |           |                    | 0.11             | Year(s)                   | Current                     |                |                   |      |            |                         |                     |            |                |           |                   |                        |
|                                  | of Item(s)<br>Hedged,   |                       |                |                                       |  |                |                  |           |                    | Strike<br>Price, | Initial Cost<br>of Un-    | Year Initial<br>Cost of Un- |                |                   |      |            |                         | Total               | Current    | Adjustment     |           | Credit<br>Quality | Hedge<br>Effectiveness |
|                                  | Used for  |                       | Type(s)        |                                       |  |                | Date of          |           |                    | Rate or          | discounted                | discounted                  |                | Book/             |      |            | Unrealized              | Foreign             | Year's     | to Carrying    |           | of                | at Inception           |
|                                  | Income  | Schedule/             | of             |                                       |  |                | Maturity         | Number    |                    | Index            | Premium                   | Premium                     | Current        | Adjusted          |      |            | Valuation               | Exchange            | (Amorti-   | Value of       |           | Refer-            | and at                 |
| Description                      | Generation  | Exhibit<br>Identifier | Risk(s)<br>(a) |                                       | Counterparty<br>Clearinghouse                | Trade          | Or<br>Expiration | Of        | Notional<br>Amount | Received         | (Received)<br>Paid        | (Received)<br>Paid          | Year<br>Income | Carrying<br>Value | Codo | Fair Value | Increase/<br>(Decrease) | Change in B./A.C.V. | zation)/   | Hedged<br>Item | Potential | ence<br>Entity    | Year-end<br>(b)        |
| Description                      | or Replicated   | identille             | (a)            | X-CHANGE FINANCIAL                    | Jieannghouse                                 | Date           | Expiration       | Contracts | Amount             | (Paid)           | Palu                      | Palu                        | income         | value             | Code | raii vaiue | (Decrease)              | B./A.C.V.           | Accretion  | item           | Exposure  | Enuty             | (b)                    |
|                                  |   |                       |                | ACCESS / MORGAN                       |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| 156472 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Evhibit 5             | Equity/Indox   | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078                         | . 09/06/2022   | . 09/06/2023     |           | 2 106 550          | 3908. 19000000   |                           | 326,096                     | (103,636)      | 222,460           |      | 53, 127    | 0                       |                     | (103,636   |                |           |                   | 0003                   |
| 3ar 300                          | LIABILITI ILDOL   | LAIIIDIT J            | Equity/ muex   | X-CHANGE FINANCIAL                    | 3H7GF1307KV30Q02Q076                         | . 03/00/2022   | . 03/00/2023     |           |                    | 3508 . 15000000  |                           |                             | (103,000)      | 222,400           |      |            |                         |                     | (103,030   | ,              |           |                   | 0003                   |
|                                  |   |                       |                | ACCESS / MORGAN                       |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| 156475 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5             | Fauity/Index   | STANLEY/CLEARED<br>THROUGH CBO        | 9R7GPTS07KV3UQJZQ078                         | . 09/06/2022   | . 09/06/2023     |           | 1, 172, 457        | 3908 . 19000000  |                           | 122.286                     | (38.864)       |                   |      | 23.582     | 0                       | 0                   | (38.864    | ,              |           |                   | 0003                   |
| our 000                          | EMBIETTI NEBGE  | Exilibit 0            | Equity/ maox   | X-CHANGE FINANCIAL                    | 5117 G1 10571(100 Q02 Q070                   | . 00/ 00/ 2022 | . 00/ 00/ 2020   |           | , 172,407          | 0000. 10000000   |                           |                             | (00,004)       |                   |      |            |                         |                     | (00,004    | ,              |           |                   |                        |
| 450470 C-11 O-4:                 |   |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| 156478 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078                         | . 09/06/2022   | . 09/06/2023     |           | 3.908.190          | 3908 . 19000000  |                           | 407,620 .                   | (129,545)      | 278,075           |      | 81,992     | 0                       | 0                   | (129,545   |                |           |                   | 0003                   |
|                                  |   |                       | 1              | X-CHANGE FINANCIAL                    |  |                |                  |           |                    |                  |                           | ,                           |                | , ,               |      | ,          |                         |                     | , ,,,,,,,  |                |           |                   |                        |
| 156482 Call Options -            |   |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078                         | . 09/06/2022   | . 09/06/2023     |           | 1,563,276          | 3908 . 19000000  |                           | 163,048 .                   | (51,818)       | 111,230           |      | 35,358     | 0                       | 0                   | (51,818)   |                |           |                   | 0003                   |
|                                  |   |                       |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| 156485 Call Options -            |   |                       |                | STANLEY/CLEARED                       |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078                         | . 09/06/2022   | . 09/06/2023     |           | 2,735,733          | 3908 . 19000000  |                           | 285,334 .                   | (90,681)       | 194,653           |      | 68,614     | 0                       | 0                   | (90,681)   |                |           |                   | 0003                   |
|                                  |   |                       |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| 156488 Call Options -            |   |                       |                | STANLEY/CLEARED                       |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   | THROUGH CBO<br>BNP PARIBAS LONDON     | 9R7GPTS07KV3UQJZQ078                         | . 09/06/2022   | . 09/06/2023     |           | 1, 172, 457        | 3908 . 19000000  |                           | 122,286 .                   | (38,864)       | 83,423            |      | 30,939     | 0                       | 0                   | (38,864    | )              |           |                   | 0003                   |
| 156494 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5             | Fauity/Index   |                                       | ROMUWSFPU8MPR08K5P83                         | . 09/06/2022   | . 09/06/2023     |           | 5,866,254          | 3908 . 19000000  |                           | 377,904                     | (120, 101)     | 257,803           |      | 75,437     | 0                       | 0                   | (120, 101) |                |           |                   | 0003                   |
| 156925 Call Options -            | EMBIETTI NEBGE  | Exilibit 0            | Equity/ maox   | BNP PARIBAS LONDON                    | Tiomorior i domi ricoltor de                 | . 00/ 00/ 2022 | . 00/ 00/ 2020   |           | 0,000,201          | 0000. 10000000   |                           |                             | (120, 101)     |                   |      |            |                         |                     | (120, 101  | ,              |           |                   |                        |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   |                                       | ROMUWSFPU8MPR08K5P83                         | . 09/20/2022   | . 09/20/2023     |           | 5,902,463          | 3855.93000000    |                           | 652,045                     | (182,215)      | 469,830           |      | 65,661     | 0                       | 0                   | (182,215   |                |           |                   | 0003                   |
| 156931 Call Options -            |   |                       |                | MORGAN STANLEY & CO. INTERNATIONAL    |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   | PLC                                   | 4PQUHN3JPFGFNF3BB653                         | . 09/20/2022   | . 09/20/2023     |           | 2,879,896          | 3855.93000000    |                           | 324,890 .                   | (90,791)       | 234,099           |      | 56,960     | 0                       | 0                   | (90,791    | )              |           |                   | 0003                   |
| 156974 Call Options -            | LIADULITY HEDDE   | E 1 11 14 E           | F 14 /1 1      | BNP PARIBAS LONDON                    | DOM: III/OFFI IOMPDOOM/FDOO                  | 00 (00 (0000   | 00 (00 (0000     |           | F 000 004          | 0055 0000000     |                           | 070 000                     | (400.050)      | 000 050           |      | 00.040     |                         |                     | (400.050   |                |           |                   | 0000                   |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   | X-CHANGE FINANCIAL                    | ROMUWSFPU8MPR08K5P83                         | . 09/20/2022   | . 09/20/2023     |           | 5,603,391          | 3855.93000000    |                           | 372,009 .                   | (103,959)      | 268,050           |      | 83,648     | 0                       | 0                   | (103,959)  | )              |           |                   | 0003                   |
|                                  |   |                       |                | ACCESS / MORGAN                       |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| 157010 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Evhibit 5             | Fauity/Index   | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078                         | . 09/20/2022   | . 09/20/2023     |           | 5 308 302          | 3855.93000000    |                           | 436,716                     | (122,041)      | 314.675           |      | 77 .635    | 0                       | 0                   | (122,041)  |                |           |                   | 0003                   |
| 3ar 300                          | LIABILITI ILDGL   | LAIIIDIT J            | Equity/ Index  | X-CHANGE FINANCIAL                    | 3H7GF1307KV30Q02Q076                         | . 03/20/2022   | . 03/20/2023     |           |                    | 3633.9300000     |                           | 430,710                     | (122,041)      |                   |      |            |                         |                     | (122,041   | ,              |           |                   | 0003                   |
| 457000 0 11 0 11                 |   |                       |                | ACCESS / MORGAN                       |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| 157023 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   | STANLEY/CLEARED<br>THROUGH CBO        | 9R7GPTS07KV3UQJZQ078                         | . 09/20/2022   | . 09/20/2023     |           | 1.542.372          | 3855.93000000    |                           | 124,776 .                   | (34,869)       | 89,907            |      | 40.460     | 0                       | 0                   | (34,869    |                |           |                   | 0003                   |
|                                  |   |                       |                | MORGAN STANLEY &                      |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| 157988 Call Options -<br>S&P 500 | LIABILITY HEDGE   | Evhibit 5             | Equity/Indox   | CO. INTERNATIONAL PLC                 | 4PQUHN3JPFGFNF3BB653                         | . 10/06/2022   | . 10/06/2023     |           | 1,764,968          | 3744 . 52000000  |                           | 202,679                     | (47,755)       | 154,925           |      | 22,273     | 0                       | ٥                   | (47.755    |                |           |                   | 0003                   |
|                                  | LINDILIII IILUUL  | LAIIIDIL J            | Equity/ index  | MORGAN STANLEY &                      | TI QUI IN UU I I I I I I I I I I I I I I I I | . 10/00/2022   | . 10/00/2023     |           | 1,704,500          | 0/44.02000000    |                           | 202,079                     | (41,700)       | 134,923           |      |            |                         |                     | (41,100    | /              |           |                   | 0000                   |
| 157999 Call Options -            | LIADILITY HEDGE   | Fubible F             | Foreiter/Ind   | CO. INTERNATIONAL                     | ADOLUNO IDECENEODOSO                         | 10 /00 /0000   | 10 /00 /0000     |           | 0.750.074          | 0744 50000000    |                           | 770 000                     | (400,004)      | E00 00F           |      | 100 017    | _                       |                     | (400.004)  |                |           |                   | 0000                   |
| S&P 500<br>158002 Call Options - | LIABILITY HEDGE   | exmidit 5             | Equity/Index   | BNP PARIBAS LONDON                    | 4PQUHN3JPFGFNF3BB653                         | . 10/06/2022   | . 10/06/2023     |           | 6,759,871          | 3744 . 52000000  |                           | 776,266                     | (182,901)      | 593, 365          |      | 123,917    | 0                       | J                   | (182,901)  |                |           |                   | 0003                   |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   |                                       | ROMUWSFPU8MPR08K5P83                         | . 10/06/2022   | . 10/06/2023     |           | 1,227,683          | 3744 . 52000000  |                           | 139,096                     | (32,773)       | 106,323           |      | 27,483     | 0                       | 0                   | (32,773    |                |           |                   | 0003                   |
| 158013 Call Options -            |   |                       | L              | BNP PARIBAS LONDON                    |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            | ]              |           |                   |                        |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Equity/Index   | MORGAN STANLEY &                      | ROMUWSFPU8MPR08K5P83                         | . 10/06/2022   | . 10/06/2023     |           | 1,408,442          | 3744 . 52000000  |                           | 159,562                     | (37,596)       | 121,967           |      | 34,111     | 0                       | 0                   | (37,596)   |                |           |                   | 0003                   |
| 158027 Call Options -            |   |                       |                | CO. INTERNATIONAL                     |  |                |                  |           |                    |                  |                           |                             |                |                   |      |            |                         |                     |            |                |           |                   |                        |
| S&P 500                          | LIABILITY HEDGE   | Exhibit 5             | Fauity/Index   | PLC                                   | 4PQUHN3JPFGFNF3BB653                         | . 10/06/2022   | . 10/06/2023     | 1         | 1 189 417          | 3744.52000000    | 1                         | 136 . 586                   | (32, 182)      | 104.404           | 1    | 30.820     | 0                       | 0                   | (32.182    | N l            |           | l                 | 0003                   |

| Showing all Ontions  | Cans Floors      | Collars, Swaps and Forwards Open as of December | er 31 of Current Year  |
|----------------------|------------------|---|------------------------|
| oriowing all Options | , Caps, i 1001s, | Collais, Swaps and Forwards Open as of Decembr  | 51 51 01 Cultelli Teal |

|                                  |                      |             |                 |                                       | Sh                       | owing all      | Options, (     | Caps, Floo   | rs, Collars, | Swaps and        | d Forwards            | Open as of         | Decembe         | er 31 of Cu          | ırrent Y | ear        |                         |                    |                      |                         |           |              |                    |
|----------------------------------|----------------------|-------------|-----------------|---------------------------------------|--------------------------|----------------|----------------|--------------|--------------|------------------|-----------------------|--------------------|-----------------|----------------------|----------|------------|-------------------------|--------------------|----------------------|-------------------------|-----------|--------------|--------------------|
| 1                                | 2                    | 3           | 4               |                                       | 5                        | 6              | 7              | 8            | 9            | 10               | 11                    | 12                 | 13              | 14                   | 15       | 16         | 17                      | 18                 | 19                   | 20                      | 21        | 22           | 23                 |
|                                  |                      |             |                 |                                       |                          |                |                |              |              |                  | Cumulative            |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
|                                  | Description          |             |                 |                                       |                          |                |                |              |              |                  | Prior<br>Year(s)      | Current            |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
|                                  | of Item(s)           |             |                 |                                       |                          |                |                |              |              | Strike           | Initial Cost          | Year Initial       |                 |                      |          |            |                         |                    |                      |                         |           | Credit       | Hedge              |
|                                  | Hedged,              |             |                 |                                       |                          |                |                |              |              | Price,           | of Un-                | Cost of Un-        |                 |                      |          |            |                         | Total              | Current              | Adjustment              |           |              | Effectiveness      |
|                                  | Used for             | Schedule/   | Type(s)<br>of   |                                       |                          |                | Date of        | Nivershau    |              | Rate or<br>Index | discounted<br>Premium | discounted         | C               | Book/                |          |            | Unrealized<br>Valuation | Foreign            | Year's               | to Carrying<br>Value of |           | of<br>Refer- | at Inception       |
|                                  | Income<br>Generation | Exhibit     | Risk(s)         | Exchange                              | , Counterparty           | Trade          | Maturity<br>or | Number<br>of | Notional     | Received         | (Received)            | Premium (Received) | Current<br>Year | Adjusted<br>Carrying |          |            | Increase/               | Exchange Change in | (Amorti-<br>zation)/ | Hedged                  | Potential | ence         | and at<br>Year-end |
| Description                      | or Replicated        | Identifier  | (a)             |                                       | Clearinghouse            | Date           | Expiration     |              | Amount       | (Paid)           | Paid                  | Paid               | Income          | Value                | Code     | Fair Value | (Decrease)              | B./A.C.V.          | Accretion            | Item                    | Exposure  | Entity       | (b)                |
| ·                                |                      |             |                 | X-CHANGE FINANCIAL                    |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         | •         |              |                    |
| 158102 Call Options -            |                      |             |                 | ACCESS / MORGAN<br>STANLEY/CLEARED    |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078     | . 10/06/2022   | . 10/06/2023   |              | 1,872,260    | 3744 . 52000000  |                       | 156,710 .          | (36,923)        | 119,787              |          | 56,569     | 0                       | 0                  | (36,923)             |                         |           |              | 0003               |
| 158105 Call Options -            | LIADULITY HEDDE      | E 1 11 14 E | F 14 /1 1       | DADOLAVO DANK DLO                     | 05005571/10517011/5570   | 40 (00 (0000   | 40 (00 (0000   |              | 0 470 007    | 0744 50000000    |                       | 440 044            | (400.700)       | 000 400              |          | 123,803    |                         |                    | (400.700)            |                         |           |              | 0000               |
| S&P 500<br>158148 Call Options - | LIABILITY HEDGE      | EXNIBIT 5   | Equity/Index    | BANK OF AMERICA.                      | G5GSEF7VJP5170UK5573     | . 10/06/2022   | . 10/06/2023   |              | 6,473,037    | 3744 . 52000000  |                       | 440,214            | (103,722)       | 336,492              |          | 123,803    | 0                       | 0                  | (103,722)            | /                       |           |              | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    | N.A                                   | B4TYDEB6GKMZ0031MB27     | . 10/06/2022   | . 10/06/2023   |              | 1,762,376    | 3744 . 52000000  |                       | 286,210            | (67,436)        | 218,774              |          | 21,594     | 0                       | 0                  | (67,436)             |                         |           |              | 0003               |
| 158725 Call Options -            | LIADILITY PEDOE      | Fubility F  | Emilia (I. d    | BNP PARIBAS LONDON                    | DOM INCEDITORIDA ON CESA | 10 (00 (0000   | 10 /00 /0000   |              | E 040 340    | 0005 70000000    |                       | 440 704            | /00 700         | 000 011              |          | 101 001    | _                       | _                  | (00.700)             | j                       |           |              | 0000               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    | X-CHANGE FINANCIAL                    | ROMUWSFPU8MPR08K5P83     | . 10/20/2022   | . 10/20/2023   |              | 5,912,113    | 3665.78000000    |                       | 419,701 .          | (82,790)        | 336,911              |          | 121,061    | 0                       | 0                  | (82,790)             | )                       |           |              | 0003               |
|                                  |                      |             |                 | ACCESS / MORGAN                       |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| 158748 Call Options -<br>S&P 500 | L LADIL LTV LIEDOE   | Fubility F  | F 4 / Landani   | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078     | 10 /00 /0000   | . 10/20/2023   |              | 2 200 200    | 3665.78000000    |                       | 384.687            | /7E 000\        | 200 004              |          | 42.021     | 0                       |                    | (75.883)             |                         |           |              | 0000               |
| S&P 500                          | LIABILITY HEDGE      | EXNIBIT 5   | Equity/Index    | X-CHANGE FINANCIAL                    | 9R/GP1SU/KV3UQJZQU/8     | . 10/20/2022   | . 10/20/2023   |              | 3,299,202    | 3665. /8000000   |                       | 384,687            | (75,883)        | 308,804              |          | 42,021     | 0                       | 0                  | (/5,883)             | /                       |           |              | 0003               |
|                                  |                      |             |                 | ACCESS / MORGAN                       |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| 158770 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Evhibi+ E   | Emui tu / Indov | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078     | . 10/20/2022   | . 10/20/2023   |              | E 00E 040    | 3665.78000000    |                       | 683,888 .          | (134,904)       | 548,984              |          | 96,902     | 0                       | 0                  | (134,904)            |                         |           |              | 0003               |
| 3ar 300                          | LIADILITI IILDOL     | LAIIIDIL J  | Lqui ty/ muex   | X-CHANGE FINANCIAL                    | 3H7GF1307KV30Q3ZQ076     | . 10/20/2022   | . 10/20/2023   |              |              | 3003.78000000    |                       | 003,000            | (104,304)       |                      |          |            |                         |                    | (104,304)            | ,                       |           |              | 0003               |
|                                  |                      |             |                 | ACCESS / MORGAN                       |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| 158773 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Evhihit 5   | Fauity/Index    | STANLEY/CLEARED THROUGH CRO           | 9R7GPTS07KV3UQJZQ078     | . 10/20/2022   | . 10/20/2023   |              | 3 665 780    | 3665.78000000    |                       | 427,430            | (84,315)        | 343, 115             |          | 83,305     | 0                       | 0                  | (84,315)             | ,                       |           |              | 0003               |
| Odi 500                          | LIADILITI HLDGL      | LAIIIDIT 5  | Equity/ Index   | X-CHANGE FINANCIAL                    | 3117 GI 10071(1004024070 | . 10/20/2022   | . 10/20/2020   |              | 0,000,700    |                  |                       |                    | (04,010)        |                      |          |            |                         |                    | (04,013)             | /                       |           |              | 0000               |
| 450704 0 11 0 11                 |                      |             |                 | ACCESS / MORGAN                       |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| 158784 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    | STANLEY/CLEARED<br>THROUGH CBO        | 9R7GPTS07KV3UQJZQ078     | . 10/20/2022   | . 10/20/2023   |              | 1.466.312    | 3665.78000000    |                       | 170,972            | (33,726)        | 137,246              |          | 38,507     | 0                       | 0                  | (33,726)             |                         |           |              | 0003               |
| 00.                              | 2.7.57277772502      | LXDIC 0 III | Equity/ moon    | X-CHANGE FINANCIAL                    | 5.11 di 1551111554524515 | . 10, 20, 2022 | . 10, 20, 2020 |              |              |                  |                       |                    | (00,720)        |                      |          |            |                         |                    | (00,720)             | ,                       |           |              |                    |
| 158818 Call Options -            |                      |             |                 | ACCESS / MORGAN<br>STANLEY/CLEARED    |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078     | . 10/20/2022   | . 10/20/2023   |              | 1,466,312    | 3665 . 78000000  |                       | 170,972 .          | (33,726)        | 137,246              |          | 45,928     | 0                       | 0                  | (33,726)             | )                       |           |              | 0003               |
| 159725 Call Options -            |                      |             |                 | DADOLANO DANK DI O                    | 05005571 ID51701115570   | 44 (04 (0000   | 44 (00 (0000   |              |              | 0770 5500000     |                       | 400, 400           | (00.000)        | 200 040              |          | 75.074     |                         |                    | (00.000)             |                         |           |              |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573     | . 11/04/2022   | . 11/06/2023   |              | 3,696,742    | 3770 . 55000000  |                       | 426,488 .          | (66,239)        | 360, 248             |          | 75,874     | 0                       | 0                  | (66,239)             | )                       |           |              | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573     | . 11/04/2022   | . 11/06/2023   |              | 1,513,961    | 3770 . 55000000  |                       | 174,662            | (27, 127)       | 147,535              |          | 34,023     | 0                       | 0                  | (27, 127)            |                         |           |              | 0003               |
| 159756 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Exhibit 5   | Equity/Indov    | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573     | . 11/04/2022   | . 11/06/2023   |              | 1.177.392    | 3770 . 55000000  |                       | 135.835            | (21.097)        | 114.738              |          | 30.346     |                         | 0                  | (21,097)             |                         |           |              | 0003               |
| 159768 Call Options -            | LIADILIII NEUGE      |             | Equity/Index    |                                       |                          | . 11/04/2022   | . 11/00/2023   |              | 1, 1/1, 392  | 5//0.55000000    |                       | 100,630            | (21,09/)        | 114,/38              |          | 30,340     |                         |                    | (21,097)             | ,                       |           |              | 0000               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    |                                       | G5GSEF7VJP5170UK5573     | . 11/04/2022   | . 11/06/2023   |              | 1,728,371    | 3770 . 55000000  |                       | 199,398 .          | (30,969)        | 168,429              |          | 49,228     | 0                       | 0                  | (30,969)             |                         |           |              | 0003               |
|                                  |                      |             |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| 159846 Call Options -            |                      |             |                 | STANLEY/CLEARED                       |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078     | . 11/04/2022   | . 11/06/2023   |              | 3,770,550    | 3770 . 55000000  |                       | 425,320            | (66,058)        | 359, 262             |          | 44,665     | 0                       | 0                  | (66,058)             | )                       |           |              | 0003               |
|                                  |                      |             |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| 159861 Call Options -            |                      |             |                 | STANLEY/CLEARED                       |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| S&P 500<br>159903 Call Options - | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078     | . 11/04/2022   | . 11/06/2023   |              | 377,055      | 3770 . 55000000  |                       | 42,532             | (6,606)         | 35,926               |          | 4,754      | 0                       | 0                  | (6,606)              |                         |           |              | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573     | . 11/04/2022   | . 11/06/2023   |              | 5,427,065    | 3770 . 55000000  |                       | 626 , 129 .        | (97,246)        | 528,882              |          | 95, 177    | 0                       | 0                  | (97,246)             |                         |           |              | 0003               |
| 159905 Call Options -            |                      |             |                 | JPMORGAN CHASE                        |                          |                |                |              |              |                  |                       |                    | ,               |                      |          |            |                         |                    |                      |                         |           |              |                    |
| S&P 500<br>160904 Call Options - | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    | BANK, N.A                             | 7H6GLXDRUGQFU57RNE97     | . 11/04/2022   | . 11/06/2023   |              | 7,301,946    | 3770 . 55000000  |                       | 116,831 .          | ( 18, 145)      | 98,686               |          | 135,439    | 0                       | 0                  | (18,145)             |                         |           |              | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    |                                       | E570DZWZ7FF32TWEFA76     | . 11/18/2022   | . 11/20/2023   |              | 3,430,970    | 3965 . 34000000  |                       | 379,434            | (44,457)        | 334,977              |          | 35,364     | 0                       | 0                  | (44,457)             |                         |           |              | 0003               |
|                                  |                      |             |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| 160905 Call Options -            |                      |             |                 | STANLEY/CLEARED                       |                          |                |                |              |              |                  |                       |                    |                 |                      |          |            |                         |                    |                      |                         |           |              |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5   | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078     | . 11/18/2022   | . 11/20/2023   |              | 3, 172,272   | 3965.34000000    |                       | 347,048            | (40,662)        | 306,386              |          | 52,688     | 0                       | 0                  | (40,662)             | )                       |           |              | 0003               |

| Showing all Ontions  | Cans Floors      | Collars, Swaps and Forwards Open as of December | er 31 of Current Year  |
|----------------------|------------------|---|------------------------|
| oriowing all Options | , Caps, i 1001s, | Collais, Swaps and Forwards Open as of Decembr  | 51 51 01 Cultelli Teal |

|                                  |                      |                      |                |                                       | Sh                           | owing all (    | Options, 0     | Caps, Floo   | rs, Collars, | Swaps and       | d Forwards         | Open as of            | Decembe         | er 31 of Cu       | ırrent Y | ear        |                        |                    |                      |                    |           |                |                    |
|----------------------------------|----------------------|----------------------|----------------|---------------------------------------|------------------------------|----------------|----------------|--------------|--------------|-----------------|--------------------|-----------------------|-----------------|-------------------|----------|------------|------------------------|--------------------|----------------------|--------------------|-----------|----------------|--------------------|
| 1                                | 2                    | 3                    | 4              |                                       | 5                            | 6              | 7              | 8            | 9            | 10              | 11                 | 12                    | 13              | 14                | 15       | 16         | 17                     | 18                 | 19                   | 20                 | 21        | 22             | 23                 |
|                                  |                      |                      |                |                                       |                              |                |                |              |              |                 | Cumulative         |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
|                                  | Description          |                      |                |                                       |                              |                |                |              |              |                 | Prior<br>Year(s)   | Current               |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
|                                  | of Item(s)           |                      |                |                                       |                              |                |                |              |              | Strike          |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           | Credit         | Hedge              |
|                                  | Hedged,              |                      |                |                                       |                              |                |                |              |              | Price,          | of Un-             | Cost of Un-           |                 |                   |          |            |                        | Total              | Current              | Adjustment         |           |                | Effectiveness      |
|                                  | Used for             |                      | Type(s)        |                                       |                              |                | Date of        |              |              | Rate or         | discounted         | discounted            |                 | Book/             |          |            | Unrealized             | Foreign            | Year's               | to Carrying        |           | of             | at Inception       |
|                                  | Income<br>Generation | Schedule/<br>Exhibit | of<br>Risk(s)  | Evolungo                              | , Counterparty               | Trade          | Maturity<br>or | Number<br>of | Notional     | Index           | Premium (Passived) | Premium<br>(Received) | Current<br>Year | Adjusted          |          |            | Valuation<br>Increase/ | Exchange Change in | (Amorti-<br>zation)/ | Value of<br>Hedged | Potential | Refer-         | and at<br>Year-end |
| Description                      | or Replicated        | Identifier           | (a)            |                                       | Clearinghouse                | Date           | Expiration     | Contracts    | Amount       | Received (Paid) | (Received)<br>Paid | Paid                  | Income          | Carrying<br>Value | Code     | Fair Value | (Decrease)             | B./A.C.V.          | Accretion            | Item               | Exposure  | ence<br>Entity | (b)                |
| 160926 Call Options -            |                      |                      | V-7            |                                       |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            | (========)             |                    |                      |                    |           |                |                    |
| S&P 500<br>160931 Call Options - | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76         | . 11/18/2022   | . 11/20/2023   |              | 5, 138, 341  | 3965.34000000   |                    | 568,253               | (66,580)        | 501,673           |          | 63,939     | 0                      | 0                  | (66,580)             |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76         | . 11/18/2022   | . 11/20/2023   |              | 1,430,453    | 3965.34000000   |                    | 158 . 195             | (18.535)        | 139,660           |          | 29.348     | 0                      | 0                  | (18,535)             |                    |           |                | 0003               |
|                                  |                      |                      |                | X-CHANGE FINANCIAL                    |                              |                |                |              | , . ,        |                 |                    | . ,                   | , ,,            |                   |          |            |                        |                    | , , , , , , ,        |                    |           |                |                    |
| 160965 Call Options -            |                      |                      |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078         | . 11/18/2022   | . 11/20/2023   |              | 1,189,602    | 3965.34000000   |                    | 130 , 143             | (15,248)        | 114,895           |          | 28,926     | 0                      | 0                  | (15,248)             |                    |           |                | 0003               |
|                                  |                      |                      | . ,            | X-CHANGE FINANCIAL                    |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| 160976 Call Options -            |                      |                      |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078         | . 11/18/2022   | . 11/20/2023   |              | 793,068      | 3965.34000000   |                    | 86,762                | (10,166)        | 76,596            |          | 22,984     | 0                      | 0                  | (10,166)             |                    |           |                | 0003               |
| 160980 Call Options -            |                      |                      |                | DADOLANO DANK DI O                    | 05005571/ ID517011/5570      | 44 (40 (0000   | 44 (00 (0000   |              | 5 400 700    |                 |                    | 200 250               | (00.044)        | 202 247           |          |            |                        |                    | (00.044)             |                    |           |                |                    |
| S&P 500<br>161878 Call Options - | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573         | . 11/18/2022   | . 11/20/2023   |              | 5,439,736    | 3965.34000000   |                    | 332,958               | (39,011)        | 293,947           |          | 66,308     | 0                      | 0                  | (39,011)             |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   |                                       | E570DZWZ7FF32TWEFA76         | . 12/06/2022   | . 12/06/2023   |              | 5,349,355    | 3941.26000000   |                    | 583, 192              | (39,945)        | 543,247           |          | 55,484     | 0                      | 0                  | (39,945)             |                    |           |                | 0003               |
|                                  |                      |                      |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| 161883 Call Options -            |                      |                      |                | STANLEY/CLEARED                       |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078         | . 12/06/2022   | . 12/06/2023   |              | 1,576,504    | 3941.26000000   |                    | 168,372               | (11,532)        | 156,840           |          | 18,009     | 0                      | 0                  | (11,532)             |                    |           |                | 0003               |
| 161891 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Evhibit 5            | Fauity/Index   | CITIRANK N A                          | E570DZWZ7FF32TWEFA76         | . 12/06/2022   | . 12/06/2023   |              | 1, 168, 037  | 3941.26000000   |                    | 127,341               | (8,722)         | 118,619           |          | 22.358     | 0                      | 0                  | (8,722)              |                    |           |                | 0003               |
| Out 500                          | LIABILITY NEBOL      | LAIIIDIT 5           | Equity/ mucx   | X-CHANGE FINANCIAL                    | LOTOBEIIZTI I OZTIILI ATO    | . 12/00/2022   | . 12/00/2020   |              | 1, 100,007   | 0541.20000000   |                    |                       | (0,722)         | 110,010           |          | 22,000     |                        |                    | (0,722)              |                    |           |                | 0000               |
| 101007 0-11 0-1:                 |                      |                      |                | ACCESS / MORGAN                       |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| 161897 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Exhibit 5            | Fauity/Index   | STANLEY/CLEARED<br>THROUGH CRO        | 9R7GPTS07KV3UQJZQ078         | . 12/06/2022   | . 12/06/2023   |              | 5 911 890    | 3941.26000000   |                    | 631,395               | (43,246)        | 588 , 149         |          | 93 , 138   | 0                      | 0                  | (43,246)             |                    |           |                | 0003               |
|                                  | 2110121111202 11111  | LAMIDIC O III        | Equity, maox   | X-CHANGE FINANCIAL                    | 5117 GI 1 551111 5545 E451 5 | . 12, 00, 2022 | . 12, 00, 2020 |              | ,,,          |                 |                    |                       | (10,210)        |                   |          |            |                        |                    |                      |                    |           |                |                    |
| 161946 Call Options -            |                      |                      |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078         | . 12/06/2022   | . 12/06/2023   |              | 6,700,142    | 3941.26000000   |                    | 375,870               | (25,745)        | 350 , 125         |          | 84,343     | 0                      | 0                  | (25,745)             |                    |           |                | 0003               |
| 161955 Call Options -            |                      |                      |                | 0.7.10.11.4                           |                              | 40 (00 (0000   | 40 (00 (0000   |              | 4 440 000    |                 |                    | 457.040               | (40.700)        | 440.445           |          | 04.744     |                        |                    | (40.700)             |                    |           |                |                    |
| S&P 500<br>161959 Call Options - | LIABILITY HEDGE      | EXNIBIT 5            | Equity/Index   | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76         | . 12/06/2022   | . 12/06/2023   |              | 1,442,039    | 3941.26000000   |                    | 157,212               | (10,768)        | 146,445           |          | 34,711     | 0                      | 0                  | (10,768)             |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   |                                       | E570DZWZ7FF32TWEFA76         | . 12/06/2022   | . 12/06/2023   |              | 1,489,829    | 3941.26000000   |                    | 162,423               | (11,125)        | 151,298           |          | 40,642     | 0                      | 0                  | (11,125)             |                    |           |                | 0003               |
| 162529 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Evhihi+ 5            | Fauity/Index   | ROYAL BANK OF                         | ES71P3U3RHIGC71XBU11         | . 12/20/2022   | . 12/20/2023   |              | 5.960.207    | 3821.62000000   |                    | 382,645               | (11.532)        | 371.114           |          | 94.218     | 0                      |                    | (11.532)             |                    |           |                | 0003               |
| σατ σου                          | LIADILIII NEUUE      | LAIIIDIL J           | Lqui ty/ inuex | X-CHANGE FINANCIAL                    | LOT IT JOON HIGH TABUIT      | . 12/20/2022   | . 12/20/2023   |              |              | 302 1.02000000  |                    |                       | (11,002)        |                   |          |            |                        | v                  | (11,032)             |                    |           |                | 0000               |
| 100500 0 5                       |                      |                      |                | ACCESS / MORGAN                       |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| 162583 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Exhibit 5            | Fauity/Index   | STANLEY/CLEARED<br>THROUGH CRO        | 9R7GPTS07KV3UQJZQ078         | . 12/20/2022   | . 12/20/2023   |              | 4 968 106    | 3821.62000000   |                    | 536,549               | (16,170)        | 520,379           |          | 56,391     | n                      | n                  | (16, 170)            |                    |           |                | 0003               |
| our 000                          | EMBIETT TEBUE        | EXIIIDIT O           | Equity/ Indox  | X-CHANGE FINANCIAL                    | on a room rood 24070         | . 12/20/2022   | . 12/20/2020   |              | 4,000,100    | 002 1.02000000  |                    |                       | (10, 170)       |                   |          |            |                        |                    | (10,170)             |                    |           |                |                    |
| 162595 Call Options -            |                      |                      |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078         | . 12/20/2022   | . 12/20/2023   |              | 1.910.810    | 3821.62000000   |                    | 206.365               | (6.219)         | 200 . 146         |          | 24.013     | 0                      | 0                  | (6,219)              |                    |           |                | 0003               |
|                                  |                      |                      |                | X-CHANGE FINANCIAL                    |                              |                |                |              |              |                 |                    | ,,,,,                 | , , , ,         | ,                 |          | ,          |                        |                    | . , .,               |                    |           |                |                    |
| 162597 Call Options -            |                      |                      |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078         | . 12/20/2022   | . 12/20/2023   |              | 5,732,430    | 3821.62000000   |                    | 619,095               | (18,658)        | 600,437           |          | 99, 187    | 0                      | 0                  | (18,658)             |                    |           |                | 0003               |
|                                  |                      |                      |                | X-CHANGE FINANCIAL                    |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| 162621 Call Options -            |                      |                      |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078         | . 12/20/2022   | . 12/20/2023   |              | 1,146,486    | 3821.62000000   |                    | 123,819               | (3,732)         | 120,087           |          | 23,960     | 0                      | 0                  | (3,732)              |                    |           |                | 0003               |
|                                  |                      |                      |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| 162654 Call Options -            |                      |                      |                | STANLEY/CLEARED                       |                              |                |                |              |              |                 |                    |                       |                 |                   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078         | . 12/20/2022   | . 12/20/2023   |              | 1,146,486    | 3821.62000000   |                    | 123,819               | (3,732)         | 120,087           |          | 32,451     | 0                      | 0                  | (3,732)              |                    |           |                | 0003               |

|                                  |                       |                 |   |                    | Sh                            | owing all       | Options. (      | Caps. Floor | rs. Collars. | Swaps an        | d Forwards   | Open as of   | f December   | er 31 of Cu | rrent Y | ear        |                |           |              |             |           |         |               |
|----------------------------------|-----------------------|-----------------|---|--------------------|-------------------------------|-----------------|-----------------|-------------|--------------|-----------------|--------------|--------------|--------------|-------------|---------|------------|----------------|-----------|--------------|-------------|-----------|---------|---------------|
| 1                                | 2                     | 3               | 4                                       |                    | 5                             | 6               | 7               | 8           | 9            | 10              | 11           | 12           | 13           | 14          | 15      | 16         | 17             | 18        | 19           | 20          | 21        | 22      | 23            |
|                                  |                       |                 |   |                    |                               |                 |                 |             |              |                 | Cumulative   |              |              |             |         |            |                |           |              |             |           | 1 1     | 1             |
|                                  |                       |                 |   |                    |                               |                 |                 |             |              |                 | Prior        |              |              |             |         |            |                |           |              |             |           |         | 1             |
|                                  | Description           |                 |   |                    |                               |                 |                 |             |              |                 | Year(s)      | Current      |              |             |         |            |                |           |              |             |           |         | 1             |
|                                  | of Item(s)            |                 |   |                    |                               |                 |                 |             |              | Strike          | Initial Cost | Year Initial |              |             |         |            |                |           |              |             |           | Credit  | Hedge         |
|                                  | Hedged,               |                 |   |                    |                               |                 |                 |             |              | Price,          | of Un-       | Cost of Un-  |              |             |         |            |                | Total     | Current      | Adjustment  |           | Quality | Effectiveness |
|                                  | Used for              |                 | Type(s)                                 |                    |                               |                 | Date of         |             |              | Rate or         | discounted   | discounted   |              | Book/       |         |            | Unrealized     | Foreign   | Year's       | to Carrying |           | of      | at Inception  |
|                                  | Income                | Schedule/       | of                                      |                    |                               |                 | Maturity        | Number      |              | Index           | Premium      | Premium      | Current      | Adjusted    |         |            | Valuation      | Exchange  | (Amorti-     | Value of    |           | Refer-  | and at        |
|                                  | Generation            | Exhibit         | Risk(s)                                 | Exchange,          | , Counterparty                | Trade           | or              | of          | Notional     | Received        | (Received)   | (Received)   | Year         | Carrying    |         |            | Increase/      | Change in | zation)/     | Hedged      | Potential | ence    | Year-end      |
| Description                      | or Replicated         | Identifier      | (a)                                     |                    | Clearinghouse                 | Date            | Expiration      | Contracts   | Amount       | (Paid)          | Paid         | Paid         | Income       | Value       | Code    | Fair Value | (Decrease)     | B./A.C.V. | Accretion    | Item        | Exposure  | Entity  | (b)           |
| Adoption of OAC 3901-            |                       |                 |   |                    |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         |               |
| 1-67 Accounting                  |                       |                 |   |                    |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         | 1             |
| Guidance                         |                       |                 |   |                    |                               |                 |                 |             |              |                 |              |              | (1,496)      |             |         |            | (11, 112, 062) |           | (1,496)      |             |           |         |               |
|                                  | otal - Purchased Op   |                 |   | Call Options and V | Narrants                      |                 |                 |             |              |                 | 0            | -,,-         | (24,227,268) |             | XXX     | 5,432,175  | (11,112,062)   | 0         | (24,227,268) | 0           |           | XXX     | XXX           |
| 0219999999. Subt                 | otal - Purchased Op   | tions - Hedg    | ing Other                               |                    |                               |                 |                 |             |              |                 | 0            | 49,039,906   | (24,227,268) | 24,814,134  | XXX     | 5,432,175  | (11,112,062)   | 0         | (24,227,268) | 0           | 0         | XXX     | XXX           |
| 0289999999. Subt                 | total - Purchased Op  | tions - Repli   | cations                                 |                    |                               |                 |                 |             |              |                 | 0            | 0            | 0            | 0           | XXX     | 0          | 0              | 0         | 0            | 0           | 0         | XXX     | XXX           |
| 0359999999. Subt                 | otal - Purchased Op   | tions - Incon   | ne Generatio                            | n                  |                               |                 |                 |             |              |                 | 0            | 0            | 0            | 0           | XXX     | 0          | 0              | 0         | 0            | 0           | 0         | XXX     | XXX           |
| 0429999999. Subt                 | otal - Purchased Op   | tions - Other   | r                                       |                    |                               |                 |                 |             |              |                 | 0            | 0            | 0            | 0           | XXX     | 0          | 0              | 0         | 0            | 0           | 0         | XXX     | XXX           |
| 0439999999. Total                | I Purchased Options   | s - Call Option | ns and Warr                             | ants               |                               |                 |                 |             |              |                 | 0            | 49,039,906   | (24,227,268) | 24,814,134  | XXX     | 5,432,175  | (11,112,062)   | 0         | (24,227,268) | 0           | 0         | XXX     | XXX           |
|                                  | I Purchased Options   |                 |   |                    |                               |                 |                 |             |              |                 | 0            | 0            | 0            | 0           | XXX     | 0          | 0              | 0         | 0            | 0           | 0         | XXX     | XXX           |
|                                  | I Purchased Options   |                 |   |                    |                               |                 |                 |             |              |                 | 0            | 0            | 0            | 0           | XXX     | 0          | 0              | 0         | 0            | 0           |           | XXX     | XXX           |
|                                  | I Purchased Options   |                 |   |                    |                               |                 |                 |             |              |                 | 0            |              | 0            | 0           | XXX     | 0          | 0              | 0         | n            | 0           |           | XXX     | XXX           |
|                                  | Purchased Options     |                 |   |                    |                               |                 |                 |             |              |                 | 0            |              | 0            | 0           | XXX     | 0          | 0              | 0         | 0            | 0           |           | XXX     | XXX           |
|                                  | Purchased Options     |                 |   |                    |                               |                 |                 |             |              |                 | 0            | 0            | 0            | 0           | XXX     | 0          | 0              | 0         | 0            | 0           |           | XXX     | XXX           |
|                                  | Purchased Options     |                 |   |                    |                               |                 |                 |             |              |                 | 0            | ·            | (24,227,268) | 24,814,134  | XXX     | 5,432,175  | (11, 112, 062) | 0         | (24,227,268) | 0           |           | XXX     | XXX           |
|                                  | otal - Written Option |                 | Effoctivo Ev                            | oludina Variable / | Annuity Guarantone            | Hadar SSA       | D No 100        |             |              |                 | 0            | ,,           | (24,221,200) | 24,014,104  | XXX     | 3,432,173  | (11,112,002)   | 0         | (24,221,200) | 0           |           | XXX     | XXX           |
|                                  | otal - Written Option |                 |   |                    |                               |                 | F 110.100       |             |              | 0               |              | 0            | 0            | XXX         | 0       | 0          | 0              | 0         | 0            |             | XXX       | XXX     |               |
| 003999999. Subt                  | lotai - Witten Option | is - Heuging    | Lilective va                            | X-CHANGE FINANCIAL | iarantees Unider 33           | AF 110.100      | I               |             |              | ı               | U            | U            | U            | U           | ^^^     | U          | 0              | U         | U            | U           | U         | ^^^     | ^^^           |
|                                  |                       |                 |   | ACCESS / MORGAN    |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         | 1             |
| 145235 Call Options -            |                       |                 |   | STANLEY/CLEARED    |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         | 1             |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            | THROUGH CBO        | 9R7GPTS07KV3UQJZQ078          | . 01/06/2022    | . 01/06/2023    |             | 5,743,983    | 4786 . 65220374 |              | (363, 192).  | 357,222      | (5,970)     |         |            | 0              | 0         | 357,222      |             |           | l       | 0003          |
|                                  |                       |                 |   | X-CHANGE FINANCIAL |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         | 1             |
|                                  |                       |                 |   | ACCESS / MORGAN    |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         | 1             |
| 145242 Call Options -            |                       |                 |   | STANLEY/CLEARED    | 0070070071/1/01/0 170070      | 04 (00 (0000    | 0.4 /0.0 /0.000 |             | 4 040 000    | 4705 00007700   |              | (440.070)    | 447.445      | /4 057      |         |            |                |           | 447.445      |             |           |         |               |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            | X-CHANGE FINANCIAL | 9R7GPTS07KV3UQJZQ078          | . 01/06/2022    | . 01/06/2023    |             | 1,918,089    | 4795.22367768   |              | (119,072).   | 117,115      | (1,957)     |         |            | 0              | 0         | 117,115      |             |           |         | 0003          |
|                                  |                       |                 |   | ACCESS / MORGAN    |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         | 1             |
| 145245 Call Options -            |                       |                 |   | STANLEY/CLEARED    |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         | 1             |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Fauity/Index                            |                    | 9R7GPTS07KV3UQJZQ078          | . 01/06/2022    | . 01/06/2023    |             | 983,085      | 4915.42579469   |              | (46,332).    | 45,570       | (762)       |         |            | 0              | 0         | 45,570       |             |           |         | 0003          |
| 145254 Call Options -            |                       | Exilibre o III  | Equity/ Indox                           |                    | 0111 01 10011110000000000     | . 0 ., 00, 2022 | . 0 1, 00, 2020 |             |              | 1010. 12010100  |              | (10,002)     |              | (102)       |         |            |                |           |              |             |           |         |               |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            | CITIBANK N.A       | E570DZWZ7FF32TWEFA76          | . 01/06/2022    | . 01/06/2023    |             | 5,871,743    | 4831.50445368   |              | (348,728).   | 342,996      | (5,733)     |         |            | 0              | 0         | 342,996      |             |           |         | 0003          |
| 145257 Call Options -            |                       |                 |   |                    |                               |                 |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           |         | 1             |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            | CITIBANK N.A       | E570DZWZ7FF32TWEFA76          | . 01/06/2022    | . 01/06/2023    |             | 2,308,712    | 4844.01909885   |              | (133,405).   | 131,212      | (2, 193)    |         |            | 0              | 0         | 131,212      |             |           |         | 0003          |
| 145259 Call Options -            | LIADILITY HEDGE       | E 1 111 E       | F 14 // 1                               | OLT IDANK N. A     | EEZODZWZZEEOOTWES: Zo         | 04 (00 (0000    | 04 (00 (0000    |             | 4 000 500    | 4000 00040 100  |              | (00,000)     | FO. 222      | (222)       |         |            | _              |           | F0 000       |             |           | 1 1     | 0000          |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            | CITIBANK N.A       | E570DZWZ7FF32TWEFA76          | . 01/06/2022    | . 01/06/2023    |             | 1,302,562    | 4938 . 33319493 |              | (60,328).    | 59,336       | (992)       |         | ·····      | 0              | 0         | 59,336       |             |           |         | 0003          |
| 145299 Call Options -<br>S&P 500 | LIABILITY HEDGE       | Evhibit 5       | Fauity/Indov                            | SUCTETE GENERAL    | 02RNE81BXP4R0TD8PU41          | . 01/06/2022    | . 01/06/2023    |             | 6,720,654    | 4835.80649239   |              | (398,765).   | 392,210      | (6,555)     | l       |            | 0              | 0         | 392,210      |             |           | 1 1     | 0003          |
| 145764 Call Options -            | LIADILIII IILDUL      | LAIIIDIL J      | Equity/ index                           | WELLS FARGO BANK.  | OZI IINEO I DAF HOU I DOFUH I | . 01/00/2022    | . 0 1/00/2020   |             | 0,120,034    | +000.00049209   |              | (550,705).   |              | (0,000)     |         |            | 0              |           |              |             |           |         | 0000          |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            |                    | KB1H1DSPRFMYMCUFXT09          | . 01/20/2022    | . 01/20/2023    | L           | 5,938,603    | 4623.23208459   |              | (166,986).   | 157,836      | (9, 150)    |         | l          | 0              | 0         | 157,836      | <b>.</b>    |           | l       | 0003          |
| 145769 Call Options -            |                       |                 | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | WELLS FARGO BANK,  |                               |                 |                 |             | .,,          |                 |              | ,,,          | ,            | 1 (2, 100)  |         |            |                |           | ,.00         |             |           |         |               |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            | N.A                | KB1H1DSPRFMYMCUFXT09          | . 01/20/2022    | . 01/20/2023    |             | 4,058,031    | 4570.09214943   |              | (273,457).   | 258,473      | (14,984)    |         |            | 0              | 0         | 258,473      |             |           |         | 0003          |
|                                  |                       |                 |   | X-CHANGE FINANCIAL |                               | 1               |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           | 1 1     | 1             |
| l <b></b>                        |                       |                 |   | ACCESS / MORGAN    |                               | 1               |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           | 1 1     | 1 1           |
| 145788 Call Options -            | LIADILITY JEDOE       | F., L. ( L. )   | Familia (1 - 1                          | STANLEY/CLEARED    | 007001007///010 170070        | 04 /00 /0000    | 04 /00 /0000    |             | 4 440 051    | 4740 40000000   |              | (05.005)     | 04 000       | (0.500)     |         |            | •              | _         | 04 000       |             |           | 1 1     | 0000          |
| S&P 500                          | LIABILITY HEDGE       | EXNIBIT 5       | Equity/Index                            | X-CHANGE FINANCIAL | 9R7GPTS07KV3UQJZQ078          | . 01/20/2022    | . 01/20/2023    |             | 1,413,951    | 4713 . 16990223 |              | (65,385).    | 61,802       | (3,583)     |         | ·····      | 0              | 0         | 61,802       |             |           |         | 0003          |
|                                  |                       |                 | I                                       | ACCESS / MORGAN    |                               | 1               |                 |             |              |                 |              |              |              | ]           |         |            |                |           |              |             |           | 1 1     | 1             |
| 145830 Call Options -            |                       |                 |   | STANLEY/CLEARED    |                               | 1               |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           | 1 1     | 1             |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            |                    | 9R7GPTS07KV3UQJZQ078          | . 01/20/2022    | . 01/20/2023    |             | 2 292 159    | 4584.31888098   |              | (143,985).   | 136,095      | (7,890)     |         |            | n              | n         | 136,095      |             |           | l       | 0003          |
|                                  |                       |                 | J=. 1,7 11100A                          | X-CHANGE FINANCIAL |                               |                 |                 |             | , 202, 700   |                 |              | ( , )        |              |             |         |            | v              |           |              |             |           | 1       |               |
|                                  |                       |                 |   | ACCESS / MORGAN    |                               | 1               |                 |             |              |                 |              |              |              |             |         |            |                |           |              |             |           | 1 1     | 1             |
| 145836 Call Options -            |                       |                 | I                                       | STANLEY/CLEARED    |                               | 1               |                 |             |              |                 |              |              |              | Ì           |         |            |                |           |              |             |           | , ,     | 1             |
| S&P 500                          | LIABILITY HEDGE       | Exhibit 5       | Equity/Index                            | THROUGH CBO        | 9R7GPTS07KV3UQJZQ078          | . 01/20/2022    | . 01/20/2023    | L           | 6.003.752    | 4618.27050527   | 1            | (349.596)    | 330 . 440    | (19, 156)   | l       |            | 0              | 0         | 330.440      | l           |           | اا      | 0003          |

| Showing all Ontions | Cane Floore    | Collare Swane and     | HEARWards Onon as    | of December 31 of Current Year |  |
|---------------------|----------------|-----------------------|----------------------|--------------------------------|--|
| Showing all Oblions | . Cabs. Floors | s. Collais. Swabs and | i Forwards Open as o | of December 31 of Current real |  |

|                                  |                  |            |              |                                       | Sh                           | owing all      | Options, (   | Caps, Floo      | rs, Collars, | Swaps an        | d Forwards       | Open as of   | f Decemb | er 31 of Cu | rrent Y | ear        |            |           |           |             |           |         |               |
|----------------------------------|------------------|------------|--------------|---------------------------------------|------------------------------|----------------|--------------|-----------------|--------------|-----------------|------------------|--------------|----------|-------------|---------|------------|------------|-----------|-----------|-------------|-----------|---------|---------------|
| 1                                | 2                | 3          | 4            |                                       | 5                            | 6              | 7            | 8               | 9            | 10              | 11<br>Cumulative | 12           | 13       | 14          | 15      | 16         | 17         | 18        | 19        | 20          | 21        | 22      | 23            |
|                                  | Description      |            |              |                                       |                              |                |              |                 |              |                 | Prior<br>Year(s) | Current      |          |             |         |            |            |           |           |             |           | , ,     |               |
|                                  | of Item(s)       |            |              |                                       |                              |                |              |                 |              | Strike          | Initial Cost     | Year Initial |          |             |         |            |            |           |           |             |           | Credit  | Hedge         |
|                                  | Hedged,          |            |              |                                       |                              |                |              |                 |              | Price,          | of Un-           | Cost of Un-  |          |             |         |            |            | Total     | Current   | Adjustment  |           |         | Effectiveness |
|                                  | Used for         |            | Type(s)      |                                       |                              |                | Date of      |                 |              | Rate or         | discounted       | discounted   |          | Book/       |         |            | Unrealized | Foreign   | Year's    | to Carrying |           | of      | at Inception  |
|                                  | Income           | Schedule/  | of           |                                       |                              |                | Maturity     | Number          |              | Index           | Premium          | Premium      | Current  | Adjusted    |         |            | Valuation  | Exchange  | (Amorti-  | Value of    |           | Refer-  | and at        |
| Description                      | Generation       | Exhibit    | Risk(s)      |                                       | , Counterparty               | Trade          | or           | of<br>Cartrasts | Notional     | Received        | (Received)       | (Received)   | Year     | Carrying    | 0-4-    | F=:=\/=!   | Increase/  | Change in | zation)/  | Hedged      | Potential | ence    | Year-end      |
| Description                      | or Replicated    | Identifier | (a)          | X-CHANGE FINANCIAL                    | Clearinghouse                | Date           | Expiration   | Contracts       | Amount       | (Paid)          | Paid             | Paid         | Income   | Value       | Code    | Fair Value | (Decrease) | B./A.C.V. | Accretion | Item        | Exposure  | Entity  | (b)           |
| 145838 Call Options -            |                  |            |              | ACCESS / MORGAN<br>STANLEY/CLEARED    |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           |         |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index |                                       | 9R7GPTS07KV3UQJZQ078         | . 01/20/2022   | . 01/20/2023 |                 | 1,392,417    | 4641.38967635   |                  | (76,803).    | 72,595   | (4, 208)    |         |            | 0          | 0         | 72,595    |             |           | l       | 0003          |
| 146417 Call Options -            |                  |            |              | GOLDMAN SACHS                         | WOOL DOWNO LUTUDO OVEGO      | 00/04/0000     | 00/00/0000   |                 | 0.050.040    | 4005 5450000    |                  | (407, 400)   | 477 500  | (40.040)    |         |            |            |           | 477 500   |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index | MORGAN STANLEY & CO. INTERNATIONAL    | . W22LROWP21HZNBB6K528       | . 02/04/2022   | . 02/06/2023 |                 | 6,258,912    | 4635 . 54590000 |                  | (197,490).   | 177,580  | (19,910)    |         |            | 0          | 0         | 177,580   |             |           |         | 0003          |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index |                                       | 4PQUHN3JPFGFNF3BB653         | . 02/04/2022   | . 02/06/2023 |                 | 5,513,944    | 4587 . 84028200 |                  | (409,587).   | 368,293  | (41, 293)   |         |            | 0          | 0         | 368,293   |             |           | ا<br>اا | 0003          |
|                                  |                  |            | 1            | X-CHANGE FINANCIAL                    |                              |                |              |                 | .,,.         |                 |                  | , ,,,,,,     | , , ,    | , , , , ,   |         |            |            |           | , , , ,   |             |           | , ,     |               |
| 146450 Call Options -            |                  |            |              | ACCESS / MORGAN<br>STANLEY/CLEARED    |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index |                                       | 9R7GPTS07KV3UQJZQ078         | . 02/04/2022   | . 02/06/2023 |                 | 1,837,656    | 4594 . 14102400 |                  | (124,016).   | 111,513  | (12,503)    |         |            | 0          | 0         | 111,513   |             |           | ,I      | 0003          |
|                                  |                  |            |              | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| 146452 Call Options -            |                  |            |              | STANLEY/CLEARED                       |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078         | . 02/04/2022   | . 02/06/2023 |                 | 6,485,984    | 4632.84558200   |                  | (403,368).   | 362,701  | (40,667)    |         |            | 0          | 0         | 362,701   |             |           | ıl      | 0003          |
|                                  |                  |            |              | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| 146454 Call Options -            |                  |            |              | STANLEY/CLEARED                       |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index |                                       | 9R7GPTS07KV3UQJZQ078         | . 02/04/2022   | . 02/06/2023 |                 | 2,795,639    | 4659.39870900   |                  | (164,016).   | 147,480  | (16,536)    |         |            | 0          | 0         | 147,480   |             |           |         | 0003          |
|                                  |                  |            |              | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| 146456 Call Options -            |                  |            |              | STANLEY/CLEARED                       |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index |                                       | 9R7GPTS07KV3UQJZQ078         | . 02/04/2022   | . 02/06/2023 |                 | 944,661      | 4723.30623500   |                  | (47,832).    | 43,010   | (4,822)     |         |            | 0          | 0         | 43,010    |             |           |         | 0003          |
|                                  |                  |            |              | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| 146458 Call Options -            |                  |            |              | STANLEY/CLEARED                       |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index |                                       | 9R7GPTS07KV3UQJZQ078         | . 02/04/2022   | . 02/06/2023 |                 | 948,442      | 4742.20846100   |                  | (45,888).    | 41,262   | (4,626)     |         |            | 0          | 0         | 41,262    |             |           | ,I      | 0003          |
| 147098 Call Options -            |                  |            |              | MORGAN STANLEY & CO. INTERNATIONAL    |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index |                                       | 4PQUHN3JPFGFNF3BB653         | . 02/18/2022   | . 02/17/2023 |                 | 5,069,223    | 4433.23807800   |                  | (373,748).   | 324,463  | (49, 285)   |         |            | 0          | 0         | 324,463   |             |           | اا      | 0003          |
| 147100 Call Options -            |                  |            |              | GOLDMAN SACHS                         |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            | _         |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index | MORGAN STANLEY &                      | . W22LR0WP21HZNBB6K528       | . 02/18/2022   | . 02/17/2023 |                 | 5,923,878    | 4478.90121300   |                  | (211,095).   | 183,258  | (27,837)    |         |            | 0          | 0         | 183,258   |             |           |         | 0003          |
| 147114 Call Options -            |                  |            |              | CO. INTERNATIONAL                     |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index | PLC                                   | 4PQUHN3JPFGFNF3BB653         | . 02/18/2022   | . 02/17/2023 |                 | 1,451,125    | 4447 . 15446200 |                  | (104, 129).  | 90,398   | (13,731)    |         |            | 0          | 0         | 90,398    |             |           | ,I      | 0003          |
| 147130 Call Options -            |                  |            |              | MORGAN STANLEY & CO. INTERNATIONAL    |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index |                                       | 4PQUHN3JPFGFNF3BB653         | . 02/18/2022   | . 02/17/2023 |                 | 4,777,172    | 4479.33610000   |                  | (320,762).   | 278,464  | (42,298)    |         |            | 0          | 0         | 278,464   |             |           | ,       | 0003          |
|                                  |                  |            |              | MORGAN STANLEY &                      |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| 147132 Call Options -<br>S&P 500 | LIABILITY HEDGE  | Evhibit 5  | Fauity/Index | CO. INTERNATIONAL                     | 4PQUHN3JPFGFNF3BB653         | . 02/18/2022   | . 02/17/2023 |                 | 2,612,631    | 4501.51533700   |                  | (167,443).   | 145.362  | (22,080)    |         |            | 0          | 0         | 145.362   |             |           | , ,     | 0003          |
| oui 500                          | LINDILITI IILUUL | LAIIIDIL J | Equity/ muex | X-CHANGE FINANCIAL                    | THE GOLDHOODEL OF THE ODDOOD | . 02/ 10/ 2022 | . 02/11/2020 |                 | 2,012,001    | 7301.31303700   |                  | (107,443).   | 140,002  | (22,000)    |         |            |            |           | 140,002   |             |           |         | 0000          |
| 44747 0 11 0 11                  |                  |            |              | ACCESS / MORGAN                       |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| 147147 Call Options -<br>S&P 500 | LIABILITY HEDGE  | Evhibit 5  | Fauity/Indov | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078         | . 02/18/2022   | . 02/17/2023 |                 | 1 37/1 320   | 4581.09965800   |                  | (71,835).    | 62,362   | (9,473)     |         |            | 0          |           | 62,362    |             |           | , ,     | 0003          |
| οαι σου                          | LINDILIII IILUUL | LAIIIDIL J | Equity/ muex | X-CHANGE FINANCIAL                    | JIII OF TOUTN TOUGULGUTO     | . 02/ 10/ 2022 | . 02/11/2020 |                 | 1,574,550    | 301.03303000    |                  | (11,000).    | 02,302   | (3,4/3)     |         |            |            |           |           |             |           |         | 0000          |
|                                  |                  |            |              | ACCESS / MORGAN                       |                              |                |              |                 |              |                 |                  |              |          |             |         |            |            |           |           |             |           | , ,     |               |
| 147149 Call Options -<br>S&P 500 | LIADILITY HENCE  | Evhibit E  | Eauitu/Ind   | STANLEY/CLEARED                       | 0D7/CDTC//7///01/0 17/070    | 00/10/0000     | . 02/17/2023 |                 | 1,380,592    | 4601.97423400   |                  | (60 607)     | 59,586   | (0.054)     |         |            |            |           | 59,586    |             |           | , ,     | 0003          |
| 147837 Call Options -            | LIADILIII NEUGE  | EXIIDIL 5  | Equity/index | INNUUN UBU                            | 9R7GPTS07KV3UQJZQ078         | . 02/18/2022   | . 02/1//2023 |                 | 1,380,592    | 4001.9/423400   |                  | (68,637).    | 59,586   | (9,051)     |         |            | 0          | J         | 39,586    |             |           |         | 0003          |
| S&P 500                          | LIABILITY HEDGE  | Exhibit 5  | Equity/Index | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573         | . 03/04/2022   | . 03/03/2023 |                 | 1,918,020    | 4521.07182800   |                  | (126,111).   | 104,631  | (21, 480)   |         |            | 0          | 0         | 104,631   |             |           | ,       | 0003          |

| Showing all Ontions | Cane Floore    | Collare Swane and     | HEARWards Onon as    | of December 31 of Current Year |  |
|---------------------|----------------|-----------------------|----------------------|--------------------------------|--|
| Showing all Oblions | . Cabs. Floors | s. Collais. Swabs and | i Forwards Open as o | of December 31 of Current real |  |

|   |                               |            |              |  | Sh                         | nowing all   | Options, (          | Caps, Floo | rs, Collars, | Swaps and                  | d Forwards                      | Open as of                           | Decembe  | er 31 of Cu       | ırrent Y | ear        |                         |                              |                               |                                       |           |                         |   |
|---|-------------------------------|------------|--------------|--|----------------------------|--------------|---------------------|------------|--------------|----------------------------|---------------------------------|--------------------------------------|----------|-------------------|----------|------------|-------------------------|------------------------------|-------------------------------|---------------------------------------|-----------|-------------------------|---|
| 1   | 2                             | 3          | 4            |  | 5                          | 6            | 7                   | 8          | 9            | 10                         | 11<br>Cumulative<br>Prior       | 12                                   | 13       | 14                | 15       | 16         | 17                      | 18                           | 19                            | 20                                    | 21        | 22                      | 23                                      |
|   | Description of Item(s)        |            |              |  |                            |              |                     |            |              | Strike                     | Year(s)<br>Initial Cost         | Current<br>Year Initial              |          |                   |          |            |                         |                              |                               |                                       |           | Credit                  | Hedge                                   |
|   | Hedged,<br>Used for<br>Income | Schedule/  | Type(s)      |  |                            |              | Date of<br>Maturity | Number     |              | Price,<br>Rate or<br>Index | of Un-<br>discounted<br>Premium | Cost of Un-<br>discounted<br>Premium | Current  | Book/<br>Adjusted |          |            | Unrealized<br>Valuation | Total<br>Foreign<br>Exchange | Current<br>Year's<br>(Amorti- | Adjustment<br>to Carrying<br>Value of |           | Quality<br>of<br>Refer- | Effectiveness<br>at Inception<br>and at |
|   | Generation                    | Exhibit    | Risk(s)      |  | , Counterparty             | Trade        | or                  | of         | Notional     | Received                   | (Received)                      | (Received)                           | Year     | Carrying          |          |            | Increase/               | Change in                    | zation)/                      | Hedged                                | Potential | ence                    | Year-end                                |
| Description   | or Replicated                 | Identifier | (a)          |  | Clearinghouse              | Date         | Expiration          | Contracts  | Amount       | (Paid)                     | Paid                            | Paid                                 | Income   | Value             | Code     | Fair Value | (Decrease)              | B./A.C.V.                    | Accretion                     | Item                                  | Exposure  | Entity                  | (b)                                     |
| 147850 Call Options -                                     |                               |            |              | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED | 007007007WWW.0.170070      | 00 /04 /0000 | 00 (00 (0000        |            | 4 450 700    | 4450 70040000              |                                 | (000, 110)                           | 200 275  | (55, 005)         |          |            |                         |                              | 200 275                       |                                       |           |                         |   |
| S&P 500   | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                    | 9R7GPTS07KV3UQJZQ078       | . 03/04/2022 | . 03/03/2023        |            | 4,458,736    | 4458 . 73610000            |                                 | (323,110).                           | 268,075  | (55,035)          |          |            | 0                       | 0                            | 268,075                       |                                       |           |                         | 0003                                    |
| 147855 Call Options -<br>S&P 500<br>147868 Call Options - | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | STANLEY/CLEARED<br>THROUGH CBO<br>WELLS FARGO BANK.      | 9R7GPTS07KV3UQJZQ078       | . 03/04/2022 | . 03/03/2023        |            | 3, 138, 690  | 4483.84354600              |                                 | (216,475).                           | 179,603  | (36,872)          |          |            | 0                       | 0                            | 179,603                       |                                       |           |                         | 0003                                    |
| S&P 500   | LIABILITY HEDGE               | Exhibit 5  | Equity/Index |  | KB1H1DSPRFMYMCUFXT09       | . 03/04/2022 | . 03/03/2023        |            | 6,162,478    | 4460.90053500              |                                 | (256,546).                           | 212,848  | (43,697)          |          |            | 0                       | 0                            | 212,848                       |                                       |           |                         | 0003                                    |
| S&P 500   | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | MORGAN STANLEY &   | E570DZWZ7FF32TWEFA76       | . 03/04/2022 | . 03/03/2023        |            | 1,593,563    | 4422.80647900              |                                 | (121,920).                           | 101, 154 | (20,767)          |          |            | 0                       | 0                            | 101, 154                      |                                       |           |                         | 0003                                    |
| 147911 Call Options -<br>S&P 500                          | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | CO. INTERNATIONAL PLC                                    | 4PQUHN3JPFGFNF3BB653       | . 03/04/2022 | . 03/03/2023        |            | 4,857,318    | 4413.28296500              |                                 | (377,750).                           | 313,408  | (64,342)          |          |            | 0                       | 0                            | 313,408                       |                                       |           |                         | 0003                                    |
| 148470 Call Options -                                     |                               |            |              | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED |                            |              |                     |            |              |                            |                                 |                                      |          |                   |          |            |                         |                              |                               |                                       |           |                         |   |
| S&P 500   | LIABILITY HEDGE               | Exhibit 5  | Equity/Index |  | 9R7GPTS07KV3UQJZQ078       | . 03/18/2022 | . 03/20/2023        |            | 5,005,166    | 4550 . 15084000            |                                 | (369,534).                           | 289,989  | (79,545)          |          |            | 0                       | 0                            | 289,989                       |                                       |           |                         | 0003                                    |
| 148476 Call Options -<br>S&P 500                          | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | STANLEY/CLEARED  | 9R7GPTS07KV3UQJZQ078       | . 03/18/2022 | . 03/20/2023        |            | 2,774,811    | 4624.68494400              |                                 | (176,148).                           | 138,231  | (37,917)          |          |            | 0                       | 0                            | 138,231                       |                                       |           |                         | 0003                                    |
| 148486 Call Options -<br>S&P 500                          | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | BARCLAYS BANK PLC<br>MORGAN STANLEY &                    | G5GSEF7VJP5170UK5573       | . 03/18/2022 | . 03/20/2023        |            | 6,698,439    | 4597.90622400              |                                 | (245,258).                           | 192,464  | (52,794)          |          |            | 0                       | 0                            | 192,464                       |                                       |           |                         | 0003                                    |
| 148489 Call Options -<br>S&P 500                          | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | CO. INTERNATIONAL  | 4PQUHN3JPFGFNF3BB653       | . 03/18/2022 | . 03/20/2023        |            | 1,429,714    | 4555.95289600              |                                 | (98, 289).                           | 77,132   | (21, 158)         |          |            | 0                       | 0                            | 77,132                        |                                       |           |                         | 0003                                    |
| 148501 Call Options -                                     |                               |            | 5            | MORGAN STANLEY & CO. INTERNATIONAL                       | 4001 I NO 10505 I 5000 050 | 00 (40 (0000 | 00 /00 /0000        |            | 4 400 005    | 4500 5070000               |                                 | (000, 000)                           | 004 070  | (00,000)          |          |            |                         |                              | 004 070                       |                                       |           |                         | 2000                                    |
| S&P 500<br>148512 Call Options -<br>S&P 500               | LIABILITY HEDGE               |            |              |  | 4PQUHN3JPFGFNF3BB653       | . 03/18/2022 | . 03/20/2023        |            | 4,483,385    | 4596 . 56728800            |                                 | (282,862).                           | 221,973  | (60,889)          |          |            |                         | 0                            | 221,973                       |                                       |           |                         | 0003                                    |
| 149336 Call Options -<br>S&P 500                          | LIABILITY HEDGE               |            |              |  |                            |              | . 04/06/2023        |            | 8,928,447    | 4612.89581000              |                                 | (632,674).                           | 466,272  |                   |          |            | 0                       | 0                            | 466,272                       |                                       |           |                         | 0003                                    |
| 149355 Call Options -<br>S&P 500                          | LIABILITY HEDGE               | Exhibit 5  | Equity/Index |  | ES71P3U3RH1GC71XBU11       | . 04/06/2022 | . 04/06/2023        |            | 1,155,801    | 4711. 48111000             |                                 | (67,387).                            | 49,663   | (17,724)          |          |            | 0                       | 0                            | 49,663                        |                                       |           |                         | 0003                                    |
| 149358 Call Options -                                     |                               |            |              | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED |                            |              |                     |            |              |                            |                                 |                                      |          |                   |          |            |                         |                              |                               |                                       |           |                         |   |
| S&P 500   |                               |            |              | ROYAL BANK OF  | 9R7GPTS07KV3UQJZQ078       |              | . 04/06/2023        |            | 6,851,454    |                            |                                 | (515, 220).                          | 379,710  |                   |          |            | 0                       | 0                            | 379,710                       |                                       |           |                         | 0003                                    |
| S&P 500   | LIABILITY HEDGE               | EXHIBIT 5  | Equity/Index | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                    | ES71P3U3RH1GC71XBU11       | . 04/06/2022 | . 04/06/2023        |            | 1,429,994    | 4726 . 26890500            |                                 | (80,672).                            | 59,454   | (21,218)          |          |            | 0                       | 0                            | 59,454                        |                                       |           |                         | 0003                                    |
| 149362 Call Options -<br>S&P 500                          | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | STANLEY/CLEARED<br>THROUGH CBO<br>ROYAL BANK OF          | 9R7GPTS07KV3UQJZQ078       | . 04/06/2022 | . 04/06/2023        |            | 1,854,479    | 4636 . 19779000            |                                 | (121,584).                           | 89,606   | (31,978)          |          |            | 0                       | 0                            | 89,606                        |                                       |           |                         | 0003                                    |
| S&P 500   | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | CANADAX-CHANGE FINANCIAL ACCESS / MORGAN                 | ES71P3U3RH1GC71XBU11       | . 04/06/2022 | . 04/06/2023        |            | 7,920,005    | 4608 . 41466000            |                                 | (279,557).                           | 206,030  | (73,527)          |          |            | 0                       | 0                            | 206,030                       |                                       |           |                         | 0003                                    |
| 149987 Call Options -<br>S&P 500                          | LIABILITY HEDGE               | Exhibit 5  | Equity/Index | STANLEY/CLEARED<br>THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078       | . 04/20/2022 | . 04/20/2023        |            | 5.909.173    | 4545.51738500              |                                 | (442,338).                           | 309,031  | (133,307)         |          |            | 0                       | 0                            | 309,031                       |                                       |           |                         | 0003                                    |

| Showing all Options | Cans Floors | Collars Swans and F | orwards Open as of | December 31 of Current Year |
|---------------------|-------------|---------------------|--------------------|-----------------------------|
|                     |             |                     |                    |                             |

|                                  |                           |              |                 |                                       | Sh                        | owing all       | Options, (      | Caps, Floo | rs, Collars,                       | , Swaps an      | d Forwards              | Open as of              | f Decemb | er 31 of Cu | ırrent Y | ear        |            |           |           |             |           |        |               |
|----------------------------------|---------------------------|--------------|-----------------|---------------------------------------|---------------------------|-----------------|-----------------|------------|------------------------------------|-----------------|-------------------------|-------------------------|----------|-------------|----------|------------|------------|-----------|-----------|-------------|-----------|--------|---------------|
| 1                                | 2                         | 3            | 4               |                                       | 5                         | 6               | 7               | 8          | 9                                  | 10              | 11                      | 12                      | 13       | 14          | 15       | 16         | 17         | 18        | 19        | 20          | 21        | 22     | 23            |
|                                  |                           |              |                 |                                       |                           |                 |                 |            |                                    |                 | Cumulative              |                         |          |             |          |            |            |           |           |             |           |        | 1             |
|                                  | Description               |              |                 |                                       |                           |                 |                 |            |                                    |                 | Prior                   | C                       |          |             |          |            |            |           |           |             |           |        | 1             |
|                                  | Description<br>of Item(s) |              |                 |                                       |                           |                 |                 |            |                                    | Strike          | Year(s)<br>Initial Cost | Current<br>Year Initial |          |             |          |            |            |           |           |             |           | Credit | Hedge         |
|                                  | Hedged,                   |              |                 |                                       |                           |                 |                 |            |                                    | Price,          | of Un-                  | Cost of Un-             |          |             |          |            |            | Total     | Current   | Adjustment  |           |        | Effectiveness |
|                                  | Used for                  |              | Type(s)         |                                       |                           |                 | Date of         |            |                                    | Rate or         | discounted              | discounted              |          | Book/       |          |            | Unrealized | Foreign   | Year's    | to Carrying |           | of     | at Inception  |
|                                  | Income                    | Schedule/    | of              |                                       |                           |                 | Maturity        | Number     |                                    | Index           | Premium                 | Premium                 | Current  | Adjusted    |          |            | Valuation  | Exchange  | (Amorti-  | Value of    |           | Refer- | and at        |
|                                  | Generation                | Exhibit      | Risk(s)         |                                       | , Counterparty            | Trade           | or              | of         | Notional                           | Received        | (Received)              | (Received)              | Year     | Carrying    |          |            | Increase/  | Change in | zation)/  | Hedged      | Potential | ence   | Year-end      |
| Description                      | or Replicated             | Identifier   | (a)             |                                       | Clearinghouse             | Date            | Expiration      | Contracts  | Amount                             | (Paid)          | Paid                    | Paid                    | Income   | Value       | Code     | Fair Value | (Decrease) | B./A.C.V. | Accretion | Item        | Exposure  | Entity | (b)           |
|                                  |                           |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 149990 Call Options -            |                           |              |                 | STANLEY/CLEARED                       |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078      | . 04/20/2022    | . 04/20/2023    |            | 1,821,596                          | 4553.99034000   |                         | (134, 104).             | 93,689   | (40,415     | )        |            | 0          | 0         | 93,689    |             |           |        | 0003          |
|                                  |                           |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 149992 Call Options -            |                           |              |                 | STANLEY/CLEARED                       |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078      | . 04/20/2022    | . 04/20/2023    |            | 5,986,276                          | 4604 . 82807000 |                         | (397,813).              | 277,924  | (119,889    | )        |            | 0          | 0         | 277,924   |             |           |        | 0003          |
|                                  |                           |              |                 | X-CHANGE FINANCIAL                    |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 149994 Call Options -            |                           |              |                 | ACCESS / MORGAN<br>STANLEY/CLEARED    |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078      | . 04/20/2022    | . 04/20/2023    |            | 1,393,088                          | 4643.62528500   |                         | (85,314).               | 59,603   | (25,711     | )        |            | 0          | 0         | 59,603    |             |           |        | 0003          |
|                                  |                           |              |                 | X-CHANGE FINANCIAL                    |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 149996 Call Options -            |                           |              |                 | ACCESS / MORGAN<br>STANLEY/CLEARED    |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078      | . 04/20/2022    | . 04/20/2023    |            | 1.398.171                          | 4660 . 57119500 |                         | (82.557).               | 57.677   | (24,880     | )        |            | 0          | 0         | 57,677    |             |           |        | 0003          |
|                                  | Embler Hebbe IIII         |              | Lagar ty, maox  | X-CHANGE FINANCIAL                    | 5111 SI 1501111 GGQCLQ015 | . 0 ., 20, 2022 | . 0 1/ 20/ 2020 |            |                                    |                 |                         | (02,00.7)               |          | (21,000     | 1        |            |            |           |           |             |           |        | 1             |
|                                  |                           |              |                 | ACCESS / MORGAN                       |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 149998 Call Options -<br>S&P 500 | LIABILITY HEDGE           | Evhibit 5    | Equity/Index    | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078      | . 04/20/2022    | . 04/20/2023    |            | 1 406 222                          | 4687 . 77384000 |                         | (78, 183).              | 54,621   | (23,562     | \        |            | ١ ,        | 0         | 54,621    |             |           |        | 0003          |
| 150020 Call Options -            | LIABILITI ILDGL           | LXIIIDIT 3   | Lqui ty/ illuex | TIMOOGII ODO                          | 3H7GF1307KV30Q0ZQ076      | . 04/20/2022    | . 04/20/2023    |            | 1,400,332                          | 4007.77304000   |                         | (70, 103).              |          | (25, 502    | ,        |            |            |           |           |             |           |        | 0003          |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    |                                       | G5GSEF7VJP5170UK5573      | . 04/20/2022    | . 04/20/2023    |            | 7,079,863                          | 4590.55783000   |                         | (496,773).              | 347,061  | (149,713    |          |            | 0          | 0         | 347,061   |             |           |        | 0003          |
| 4E0000 0-11 0-4:                 |                           |              |                 | MORGAN STANLEY &                      |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 150393 Call Options -<br>S&P 500 | LIABILITY HEDGE           | Exhibit 5    | Fauity/Index    | CO. INTERNATIONAL<br>PLC              | 4PQUHN3JPFGFNF3BB653      | . 05/06/2022    | . 05/05/2023    |            | 5,605,090                          | 4203.33279600   |                         | (471, 263).             | 309,428  | (161,835    | )        |            | 0          | 0         | 309,428   |             |           |        | 0003          |
| 150402 Call Options -            | 2110121111202111111       |              | Lagar ty, maon  | . 20                                  | 40.1100.1 0.12 0.55000    | . 50, 50, 2522  | . 00, 00, 2020  |            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                 |                         | ( 1,200).               |          | (101,000    |          |            |            |           |           |             |           |        | 1             |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76      | . 05/06/2022    | . 05/05/2023    |            | 1,048,205                          | 4303.94229200   |                         | (77,376).               | 50,805   | (26,571     |          |            | 0          | 0         | 50,805    |             |           |        | 0003          |
| 150404 Call Options -<br>S&P 500 | LIABILITY HEDGE           | Evhibit 5    | Fauity/Index    | RARCIAVS RANK PLC                     | G5GSEF7VJP5170UK5573      | . 05/06/2022    | . 05/05/2023    |            | 1,255,224                          | 4313.83830800   |                         | (90,512).               | 59.430   | (31,083     | ,        |            | 0          | 0         | 59,430    |             |           |        | 0003          |
| 150412 Call Options -            | LIABILITI ILDUL           | LXIIIDIT 3   | Equity/ Illuex  | DATIOLATO DATE TEO                    | 0300L1 / VOI 31/00/030/0  | . 03/00/2022    | . 03/03/2020    |            |                                    | 4010.0000000    |                         | (50,512).               |          | (01,000     | ,        |            |            |           |           |             |           |        | 0000          |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    |                                       | G5GSEF7VJP5170UK5573      | . 05/06/2022    | . 05/05/2023    |            | 1,265,089                          | 4351.77303600   |                         | (84,759).               | 55,652   | (29, 107    |          |            | 0          | 0         | 55,652    |             |           |        | 0003          |
|                                  |                           |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 150425 Call Options -            |                           |              |                 | STANLEY/CLEARED                       |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | i l           |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078      | . 05/06/2022    | . 05/05/2023    |            | 8,065,459                          | 4244.97853000   |                         | (560,785).              | 368,208  | (192,577    |          |            | 0          | 0         | 368,208   |             |           |        | 0003          |
|                                  |                           |              |                 | X-CHANGE FINANCIAL                    |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 150427 Call Options -            |                           |              |                 | ACCESS / MORGAN<br>STANLEY/CLEARED    |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | i l           |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078      | . 05/06/2022    | . 05/05/2023    |            | 855,098                            | 4275.49124600   |                         | (55,708).               | 36,578   | (19, 130    | )        |            | 0          | 0         | 36,578    |             |           |        | 0003          |
|                                  |                           |              |                 | X-CHANGE FINANCIAL                    |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 150430 Call Options -            |                           |              |                 | ACCESS / MORGAN<br>STANLEY/CLEARED    |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    |                                       | 9R7GPTS07KV3UQJZQ078      | . 05/06/2022    | . 05/05/2023    |            | 857,820                            | 4289.09826800   |                         | (54, 248).              | 35,619   | (18,629     | )        |            | 0          | 0         | 35,619    |             |           |        | 0003          |
| 150451 Call Options -            |                           |              |                 |                                       |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        |               |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    | BARCLAYS BANK PLC<br>MORGAN STANLEY & | G5GSEF7VJP5170UK5573      | . 05/06/2022    | . 05/05/2023    |            | 8,458,978                          | 4246 . 62786600 |                         | (694,853).              | 456,236  | (238,617    |          |            | 0          | 0         | 456,236   |             |           |        | 0003          |
| 151045 Call Options -            |                           |              |                 | CO. INTERNATIONAL                     |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | i l           |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5    | Equity/Index    |                                       | 4PQUHN3JPFGFNF3BB653      | . 05/20/2022    | . 05/19/2023    |            | 2,101,602                          | 4063.65657600   |                         | (160,663).              | 99,311   | (61,352     |          |            | 0          | 0         | 99,311    |             |           |        | 0003          |
|                                  |                           |              |                 | MORGAN STANLEY &                      |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | í             |
| 151049 Call Options -<br>S&P 500 | LIADILITY HEDGE           | Evhibi+ F    | Eaui + /   m =  | CO. INTERNATIONAL                     | 4PQUHN3JPFGFNF3BB653      | . 05/20/2022    | . 05/19/2023    |            | 2,318,905                          | 4110 . 08276000 |                         | (162,287).              | 100,315  | (61,972     |          |            | _          | _         | 100,315   |             |           |        | 0003          |
| οα <b>Γ</b> 500                  | LIABILITY HEDGE           | EXIIINIL D   | Equity/Index    | X-CHANGE FINANCIAL                    | 4F YUTINOUTTUTINT 300053  | . 00/20/2022    | . 00/ 19/ 2023  |            | 2,318,905                          | 4110.082/0000   |                         | (102,28/).              | 100,315  | (01,9/2     | ,        |            | l          | 0         | 100,315   |             |           |        | 0000          |
|                                  |                           |              |                 | ACCESS / MORGAN                       |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            |            |           |           |             |           |        | 1             |
| 151072 Call Options -            |                           |              |                 | STANLEY/CLEARED                       |                           |                 |                 |            |                                    |                 |                         |                         |          |             |          |            | _          |           |           |             |           |        | 1             |
| S&P 500                          | LIABILITY HEDGE           | .  Exhibit 5 | Equity/Index    | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078      | . 05/20/2022    | . 05/19/2023    |            | 4,375,180                          | 3977 . 43652000 |                         | (393,745).              | 243,386  | (150,359    | )        |            | 0          | 0         | 243.386   | l           |           |        | 0003          |

| Showing all Ontions | Cane Floore    | Collare Swane and     | HEARWards Onon as    | of December 31 of Current Year |  |
|---------------------|----------------|-----------------------|----------------------|--------------------------------|--|
| Showing all Oblions | . Cabs. Floors | s. Collais. Swabs and | i Forwards Open as o | of December 31 of Current real |  |

|   |   |                                    |                                 |  | Sho                             | owing all (   | Options, (                              | Caps, Floo                | rs, Collars,       | Swaps and  | forwards  | Open as o   | of Decemb                 | er 31 of Cı                            | ırrent Year |           |   |  |  |   |                       |   |   |
|---|---|------------------------------------|---------------------------------|--|---------------------------------|---------------|---|---------------------------|--------------------|--|---|---|---------------------------|--|-------------|-----------|---|--|--|---|-----------------------|---|---|
| 1   | 2   | 3                                  | 4                               |  | 5                               | 6             | 7                                       | 8                         | 9                  | 10   | 11  | 12  | 13                        | 14                                     | 15 1        | 6         | 17  | 18   | 19   | 20  | 21                    | 22  | 23  |
| Description   | Description<br>of Item(s)<br>Hedged,<br>Used for<br>Income<br>Generation<br>or Replicated | Schedule/<br>Exhibit<br>Identifier | Type(s)<br>of<br>Risk(s)<br>(a) |  | , Counterparty<br>Clearinghouse | Trade<br>Date | Date of<br>Maturity<br>or<br>Expiration | Number<br>of<br>Contracts | Notional<br>Amount | Strike<br>Price,<br>Rate or<br>Index<br>Received<br>(Paid) | Cumulative<br>Prior<br>Year(s)<br>Initial Cost<br>of Un-<br>discounted<br>Premium<br>(Received)<br>Paid | Current<br>Year Initial<br>Cost of Un-<br>discounted<br>Premium<br>(Received)<br>Paid | Current<br>Year<br>Income | Book/<br>Adjusted<br>Carrying<br>Value | Code Fair   | Va<br>Inc | realized<br>aluation<br>crease/<br>ecrease) | Total<br>Foreign<br>Exchange<br>Change in<br>B./A.C.V. | Current<br>Year's<br>(Amorti-<br>zation)/<br>Accretion | Adjustment<br>to Carrying<br>Value of<br>Hedged<br>Item | Potential<br>Exposure | Credit<br>Quality<br>of<br>Refer-<br>ence<br>Entity | Hedge<br>Effectiveness<br>at Inception<br>and at<br>Year-end<br>(b) |
| •   |   |                                    |                                 | X-CHANGE FINANCIAL   |                                 |               |   |                           |                    | , ,  |   |   |                           |  |             |           | ,   |  |  |   | •                     |   |   |
| 151074 Call Options -<br>S&P 500<br>151097 Call Options - | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO              | 9R7GPTS07KV3UQJZQ078            | . 05/20/2022  | . 05/19/2023                            |                           | 6,833,934          | 4019.96134400  |   | (569,245)   | 351,868                   | (217,377                               |             |           | 0   | 0  | 351,868  |   |                       |   | 0003  |
| S&P 500   | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC  | G5GSEF7VJP5170UK5573            | . 05/20/2022  | . 05/19/2023                            |                           | 6,847,572          | 4019.57120800  |   | (302,003)   | 186,678                   | (115,325                               |             |           | 0   | 0  | 186,678  |   |                       |   | 0003  |
| 151613 Call Options -<br>S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |                                 | . 06/06/2022  | . 06/06/2023                            |                           | 5,639,213          | 4201.79788500  |   | (478,358)   | 272,598                   | (205,759                               |             |           | 0   | 0  | 272,598  |   |                       |   | 0003  |
| 151652 Call Options -<br>S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    |  | 9R7GPTS07KV3UQJZQ078            | . 06/06/2022  | . 06/06/2023                            |                           | 1,286,010          | 4286 . 69934300  |   | (91,818)  | 52,324                    | (39,494                                |             |           | 0   | 0  | 52,324   |   |                       |   | 0003  |
| 151661 Call Options -<br>S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | ROYAL BANK OF<br>CANADA  | ES71P3U3RHIGC71XBU11            | . 06/06/2022  | . 06/06/2023                            |                           | 8,259,384          | 4245.48504300  |   | (655,074)   | 373,302                   | (281,772                               |             |           | 0   | 0  | 373,302  |   |                       |   | 0003  |
| 151673 Call Options -<br>S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC  | G5GSEF7VJP5170UK5573            | . 06/06/2022  | . 06/06/2023                            |                           | 3,355,815          | 4339.86579000  |   | (219,277)   | 124,958                   | (94,319                                |             |           | 0   | 0  | 124,958  |   |                       |   | 0003  |
| 151679 Call Options -<br>S&P 500<br>151703 Call Options - | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CITIBANK N.A   | E570DZWZ7FF32TWEFA76            | . 06/06/2022  | . 06/06/2023                            |                           | 980,764            | 4363.77008400  |   | (61,038)  | 34,783                    | (26,255                                |             |           | 0   | 0  | 34,783   |   |                       |   | 0003  |
| S&P 500   | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC<br>ROYAL BANK OF                             | G5GSEF7VJP5170UK5573            | . 06/06/2022  | . 06/06/2023                            |                           | 9,212,183          | 4243.83647100  |   | (381,404)   | 217,348                   | (164,056                               |             |           | 0   | 0  | 217,348  |   |                       |   | 0003  |
| S&P 500   | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    |  | ES71P3U3RHIGC71XBU11            | . 06/17/2022  | . 06/20/2023                            |                           | 7,482,327          | 3785.08520000  |   | (366, 126)  | 195,997                   | (170, 129                              |             |           | 0   | 0  | 195,997  |   |                       |   | 0003  |
| S&P 500   | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CITIBANK N.A   | E570DZWZ7FF32TWEFA76            | . 06/17/2022  | . 06/20/2023                            |                           | 3,891,826          | 3752.74660800  |   | (363,870)   | 194,789                   | (169,081                               |             |           | 0   | 0  | 194,789  |   |                       |   | 0003  |
| S&P 500   | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          | E570DZWZ7FF32TWEFA76            | . 06/17/2022  | . 06/20/2023                            |                           | 6,954,472          | 3802.72443200  |   | (592,610)   | 317,239                   | (275,370                               |             |           | 0   | 0  | 317,239  |   |                       |   | 0003  |
| 153024 Call Options -<br>S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          | 9R7GPTS07KV3UQJZQ078            | . 06/17/2022  | . 06/20/2023                            |                           | 4,495,799          | 3746 . 49938000  |   | (415,980)   | 222,685                   | (193,295                               |             |           | 0   | 0  | 222,685  |   |                       |   | 0003  |
| 153027 Call Options -<br>S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | STANLEY/CLEARED THROUGH CBO X-CHANGE FINANCIAL ACCESS / MORGAN | 9R7GPTS07KV3UQJZQ078            | . 06/17/2022  | . 06/20/2023                            |                           | 1,528,439          | 3821.09863200  |   | (122,916)   | 65,800                    | (57,116                                |             |           | 0   | 0  | 65,800   |   |                       |   | 0003  |
| 153031 Call Options -<br>S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | STANLEY/CLEARED  | 9R7GPTS07KV3UQJZQ078            | . 06/17/2022  | . 06/20/2023                            |                           | 1,544,609          | 3861.52187200  |   | (114,744)   | 61,425                    | (53, 319                               |             |           | 0   | 0  | 61,425   |   |                       |   | 0003  |
| 153797 Call Options -<br>S&P 500                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | MORGAN STANLEY &   | 9R7GPTS07KV3UQJZQ078            | . 07/06/2022  | . 07/06/2023                            |                           | 6,272,095          | 3920.05906000  |   | (562,480)   | 274,305                   | (288, 175                              |             |           | 0   | 0  | 274,305  |   |                       |   | 0003  |
| 153805 Call Options -<br>S&P 500<br>153808 Call Options - | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CO. INTERNATIONAL<br>PLC                                       | 4PQUHN3JPFGFNF3BB653            | . 07/06/2022  | . 07/06/2023                            |                           | 6,631,186          | 3965.43100400  |   | (563,065)   | 274,590                   | (288,474                               |             |           | 0   | 0  | 274,590  |   |                       |   | 0003  |
| S&P 500   | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CITIBANK N.A   | E570DZWZ7FF32TWEFA76            | . 07/06/2022  | . 07/06/2023                            |                           | 1,111,184          | 3992.73107200  |   | (87,346)  | 42,596                    | (44,750                                |             |           | 0   | 0  | 42,596   |   |                       |   | 0003  |
| S&P 500<br>153815 Call Options -                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CITIBANK N.A   | E570DZWZ7FF32TWEFA76            | . 07/06/2022  | . 07/06/2023                            |                           | 1, 164,032         | 4032.33539600  |   | (84,731)  | 41,321                    | (43,410                                |             |           | 0   | 0  | 41,321   |   |                       |   | 0003  |
| S&P 500<br>153826 Call Options -                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CITIBANK N.A   | E570DZWZ7FF32TWEFA76            | . 07/06/2022  | . 07/06/2023                            |                           | 1,420,787          | 4069.63267200  |   | (96,000)  | 46,816                    | (49, 184                               |             |           | 0   | 0  | 46,816   |   |                       |   | 0003  |
| S&P 500<br>154451 Call Options -                          | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC<br>ROYAL BANK OF                             | G5GSEF7VJP5170UK5573            | . 07/06/2022  | . 07/06/2023                            |                           | 7,678,953          | 3961.97043200  |   | (323,807)   | 157,911                   | (165,896                               |             |           | 0   | 0  | 157,911  |   |                       |   | 0003  |
| S&P 500   | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CANADA   | ES71P3U3RH1GC71XBU11            | . 07/20/2022  | . 07/20/2023                            | L                         | 6 767 763          | 4079.88497000  |   | (289.024)   |                           | (159.161                               | l           |           | 0   | 0  |  | I I   |                       | 1   | 0003  |

| Showing all Options | Cans Floors | Collars Swans and F | orwards Open as of | December 31 of Current Year |
|---------------------|-------------|---------------------|--------------------|-----------------------------|
|                     |             |                     |                    |                             |

|                                  |                      |                      |               |                                       | Sh                                      | owing all (   | Options, (     | Caps, Floo   | rs, Collars, | Swaps and         | d Forwards         | Open as of            | Decembe         | er 31 of Cu                             | ırrent Y | ear        |                        |                    |                      |                    |           |                |                    |
|----------------------------------|----------------------|----------------------|---------------|---------------------------------------|---|---------------|----------------|--------------|--------------|-------------------|--------------------|-----------------------|-----------------|---|----------|------------|------------------------|--------------------|----------------------|--------------------|-----------|----------------|--------------------|
| 1                                | 2                    | 3                    | 4             |                                       | 5                                       | 6             | 7              | 8            | 9            | 10                | 11                 | 12                    | 13              | 14                                      | 15       | 16         | 17                     | 18                 | 19                   | 20                 | 21        | 22             | 23                 |
|                                  |                      |                      |               |                                       |   |               |                |              |              |                   | Cumulative         |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
|                                  | Description          |                      |               |                                       |   |               |                |              |              |                   | Prior<br>Year(s)   | Current               |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
|                                  | of Item(s)           |                      |               |                                       |   |               |                |              |              | Strike            | Initial Cost       | Year Initial          |                 |   |          |            |                        |                    |                      |                    |           | Credit         | Hedge              |
|                                  | Hedged,              |                      |               |                                       |   |               |                |              |              | Price,            | of Un-             | Cost of Un-           |                 |   |          |            |                        | Total              | Current              | Adjustment         |           |                | Effectiveness      |
|                                  | Used for             | 0-11-1-1             | Type(s)       |                                       |   |               | Date of        | Number       |              | Rate or           | discounted         | discounted            | 0               | Book/                                   |          |            | Unrealized             | Foreign            | Year's               | to Carrying        |           | of             | at Inception       |
|                                  | Income<br>Generation | Schedule/<br>Exhibit | of<br>Risk(s) | Evchange                              | , Counterparty                          | Trade         | Maturity<br>or | Number<br>of | Notional     | Index<br>Received | Premium (Received) | Premium<br>(Received) | Current<br>Year | Adjusted<br>Carrying                    |          |            | Valuation<br>Increase/ | Exchange Change in | (Amorti-<br>zation)/ | Value of<br>Hedged | Potential | Refer-<br>ence | and at<br>Year-end |
| Description                      | or Replicated        | Identifier           | (a)           |                                       | Clearinghouse                           | Date          | Expiration     |              | Amount       | (Paid)            | Paid               | Paid                  | Income          | Value                                   | Code     | Fair Value | (Decrease)             | B./A.C.V.          | Accretion            | Item               | Exposure  | Entity         | (b)                |
|                                  |                      |                      |               | X-CHANGE FINANCIAL                    |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    | •         |                |                    |
| 154457 Call Options -            |                      |                      |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078                    | . 07/20/2022  | . 07/20/2023   |              | 4,440,394    | 4036 . 72210000   |                    | (396,033)             | 177,944         | (218,089                                | )        |            | 0                      | 0                  | 177,944              |                    |           |                | 0003               |
|                                  |                      |                      |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| 154482 Call Options -            |                      |                      |               | STANLEY/CLEARED                       |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  |                                       | 9R7GPTS07KV3UQJZQ078                    | . 07/20/2022  | . 07/20/2023   |              | 2,020,737    | 4041.47390000     |                    | (178,650)             | 80,270          | (98,380                                 | )        |            | 0                      | 0                  | 80,270               |                    |           |                | 0003               |
|                                  |                      |                      |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| 154494 Call Options -            |                      |                      |               | STANLEY/CLEARED                       |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | THROUGH CBO<br>X-CHANGE FINANCIAL     | 9R7GPTS07KV3UQJZQ078                    | . 07/20/2022  | . 07/20/2023   |              | 1,224,441    | 4081.46890000     |                    | (100,548)             | 45, 178         | (55,370                                 |          |            | 0                      | 0                  | 45, 178              |                    |           |                | 0003               |
|                                  |                      |                      |               | ACCESS / MORGAN                       |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| 154502 Call Options -            |                      |                      |               | STANLEY/CLEARED                       |   | .=            |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | X-CHANGE FINANCIAL                    | 9R7GPTS07KV3UQJZQ078                    | . 07/20/2022  | . 07/20/2023   |              | 1,643,200    | 4108.00030000     |                    | (128,316)             | 57,654          | (70,662                                 | )        |            | 0                      | 0                  | 57,654               |                    |           |                | 0003               |
|                                  |                      |                      |               | ACCESS / MORGAN                       |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| 154504 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Eubibi+ E            | Eauitu/Index  | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZ0078                    | . 07/20/2022  | . 07/20/2023   |              | 1 646 960    | 4115.92006000     |                    | (126.588)             | 56.878          | (69.710                                 |          |            |                        | 0                  | 56.878               |                    |           |                | 0003               |
| 3αΓ 300                          | LIABILIII NEUGE      | EXIIIDIL 3           | Equity/ muex  | X-CHANGE FINANCIAL                    | 9h/0F130/KV30QJZQ0/6                    | . 01/20/2022  | . 01/20/2023   |              | 1,040,300    | 4115.92006000     |                    | (120,366)             |                 | (09,710                                 | ,        |            |                        |                    |                      |                    |           |                | 0003               |
|                                  |                      |                      |               | ACCESS / MORGAN                       |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| 154506 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Exhibit 5            | Fauity/Index  | STANLEY/CLEARED<br>THROUGH CBO        | 9R7GPTS07KV3UQJZQ078                    | . 07/20/2022  | . 07/20/2023   |              | 3 708 961    | 4121.06793000     |                    | (282,366)             | 126,871         | (155,495                                | )        |            | 0                      | 0                  | 126,871              |                    |           |                | 0003               |
|                                  |                      |                      |               | X-CHANGE FINANCIAL                    | *************************************** | ,             | ,              |              |              |                   |                    |                       |                 | ( ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,        |            |                        |                    |                      |                    |           |                |                    |
| 154512 Call Options -            |                      |                      |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  |                                       | 9R7GPTS07KV3UQJZQ078                    | . 07/20/2022  | . 07/20/2023   |              | 1,654,921    | 4137 . 30350000   |                    | (122,092)             | 54,858          | (67,234                                 |          |            | 0                      | 0                  | 54,858               |                    |           |                | 0003               |
|                                  |                      |                      |               | X-CHANGE FINANCIAL                    |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| 154523 Call Options -            |                      |                      |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078                    | . 07/20/2022  | . 07/20/2023   |              | 1,246,181    | 4153.93510000     |                    | (88,968)              | 39,975          | (48,993                                 | )        |            | 0                      | 0                  | 39,975               |                    |           |                | 0003               |
|                                  |                      |                      |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| 154528 Call Options -            |                      |                      |               | STANLEY/CLEARED                       |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| S&P 500<br>155066 Call Options - | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | THROUGH CBO                           | 9R7GPTS07KV3UQJZQ078                    | . 07/20/2022  | . 07/20/2023   |              | 1,257,823    | 4192.74210000     |                    | (83,061)              | 37,321          | (45,740                                 |          |            | 0                      | 0                  | 37,321               |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | CITIBANK N.A                          | E570DZWZ7FF32TWEFA76                    | . 08/05/2022  | . 08/04/2023   | ļ            | 6,913,658    | 4226 . 02120500   |                    | (600,782)             | 244,274         | (356,508                                | )        |            | 0                      | 0                  | 244,274              |                    |           |                | 0003               |
| 155071 Call Options -            |                      |                      |               |                                       | E570DZWZ7FF32TWEFA76                    |               | . 08/04/2023   |              | 6 040 000    | 4070 00405000     |                    | (495,942)             |                 | (004 005                                |          |            |                        |                    | 004 647              |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE      | EXHIBIT 5            | Equity/Index  | OTTIDANA N.A                          | ESTUDZWZ/FF321WEFA/6                    | . 08/05/2022  | . 08/04/2023   |              | 6,212,206    | 4272.86185200     |                    | (495,942)             | 201,647         | (294, 295                               |          |            | 0                      | 0                  | 201,647              |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573                    | . 08/05/2022  | . 08/04/2023   |              | 1,340,760    | 4296.90395400     |                    | (102,400)             | 41,635          | (60,765                                 | )        |            | 0                      | 0                  | 41,635               |                    |           |                | 0003               |
| 155080 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573                    | . 08/05/2022  | . 08/04/2023   |              | 3,325,168    | 4351.20594300     |                    | (229,090)             | 93, 147         | (135,944                                | )        |            |                        |                    | 93, 147              |                    |           |                | 0003               |
| 155131 Call Options -            |                      |                      |               | WELLS FARGO BANK,                     |   |               |                |              |              |                   |                    |                       |                 |   | ,        |            |                        |                    |                      |                    |           |                |                    |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  | N.AX-CHANGE FINANCIAL                 | KB1H1DSPRFMYMCUFXT09                    | . 08/05/2022  | . 08/04/2023   |              | 6,703,235    | 4276 . 17800400   |                    | (267,714)             | 108,851         | (158,863                                | )        |            | 0                      | 0                  | 108,851              |                    |           |                | 0003               |
|                                  |                      |                      |               | ACCESS / MORGAN                       |   |               |                |              |              |                   |                    |                       |                 |   |          |            |                        |                    |                      |                    |           |                |                    |
| 155163 Call Options -<br>S&P 500 | LIVETILIA NEUVE      | Evhib:+ E            | Equity/Inde   | STANLEY/CLEARED                       | ODZCDTCOZVVOLO IZOOZO                   | 00 /05 /0000  | . 08/04/2023   |              | 046 000      | 4231.40995200     |                    | (72,268)              | 20. 204         | (42,884                                 |          |            | ^                      |                    | 20. 20.4             |                    |           |                | 0003               |
| 155757 Call Options -            | LIADILIIT MEUGE      | EXHIBIT 5            | Equity/Index  | BNP PARIBAS LONDON                    | 9R7GPTS07KV3UQJZQ078                    | . 08/05/2022  | . 08/04/2023   |              | 846,282      | 4231.40995200     |                    | (/2,268)              | 29,384          | (42,884                                 |          |            | 0                      | 0                  | 29,384               |                    |           |                | 0003               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  |                                       | ROMUWSFPU8MPR08K5P83                    | . 08/19/2022  | . 08/18/2023   |              | 1,070,121    | 4313.04960000     |                    | (92,219)              | 33,949          | (58,270                                 | )        |            | 0                      | 0                  | 33,949               |                    |           |                | 0003               |
| 155760 Call Options -<br>S&P 500 | LIABILITY HEDGE      | Evhib:+ E            | Equity/Inde   | DADOLAVO DANIK DLO                    | G5GSEF7VJP5170UK5573                    | . 08/19/2022  | . 08/18/2023   |              | 6.324.605    | 4359.14003200     |                    | (261,843)             | 96,393          | (165,450                                |          |            | ^                      |                    | 96,393               |                    |           |                | 0003               |
| 155761 Call Options -            | LIADILIII NEUUE      | באוווטונ ס           | Lquity/IndeX  | BNP PARIBAS LONDON                    | G000EF1 VUP31 / UUN35/3                 | . 00/ 19/2022 | . 00/ 10/2023  |              | 0,324,005    | 4009. 14003200    |                    | (201,843)             | 90,393          | (100,450                                | ,        |            | 0                      | 0                  | 90,393               |                    |           |                | 0000               |
| S&P 500                          | LIABILITY HEDGE      | Exhibit 5            | Equity/Index  |                                       | ROMUWSFPU8MPR08K5P83                    | . 08/19/2022  | . 08/18/2023   |              | 1,688,675    | 4317.27808000     |                    | (144, 422)            | 53, 166         | (91,256                                 | )        |            | 0                      | 0                  | 53, 166              |                    |           |                | 0003               |

| Showing all Ontions | Cane Floore    | Collare Swane and     | HEARWards Onon as    | of December 31 of Current Year |  |
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| Showing all Oblions | . Cabs. Floors | s. Collais. Swabs and | i Forwards Open as o | of December 31 of Current real |  |

|   |   |                                    |                                 |   | Sho                    | wing all (    | Options, (                              | Caps, Floor               | s, Collars,        | Swaps and  | forwards  | Open as o   | of Decemb                 | er 31 of Cu                            | rrent Year |   |  |  |  |   |                       |   |   |
|---|---|------------------------------------|---------------------------------|---|------------------------|---------------|---|---------------------------|--------------------|--|---|---|---------------------------|--|------------|---|--|--|--|---|-----------------------|---|---|
| 1   | 2   | 3                                  | 4                               | 5   | 5                      | 6             | 7                                       | 8                         | 9                  | 10   | 11  | 12  | 13                        | 14                                     | 15 1       | 6 | 17   | 18   | 19   | 20  | 21                    | 22  | 23  |
| Description                                 | Description<br>of Item(s)<br>Hedged,<br>Used for<br>Income<br>Generation<br>or Reblicated | Schedule/<br>Exhibit<br>Identifier | Type(s)<br>of<br>Risk(s)<br>(a) | Exchange, C   |                        | Trade<br>Date | Date of<br>Maturity<br>or<br>Expiration | Number<br>of<br>Contracts | Notional<br>Amount | Strike<br>Price,<br>Rate or<br>Index<br>Received<br>(Paid) | Cumulative Prior Year(s) Initial Cost of Un- discounted Premium (Received) Paid | Current<br>Year Initial<br>Cost of Un-<br>discounted<br>Premium<br>(Received)<br>Paid | Current<br>Year<br>Income | Book/<br>Adjusted<br>Carrying<br>Value | Code Fair  |   | Unrealized<br>Valuation<br>Increase/<br>(Decrease) | Total<br>Foreign<br>Exchange<br>Change in<br>B./A.C.V. | Current<br>Year's<br>(Amorti-<br>zation)/<br>Accretion | Adjustment<br>to Carrying<br>Value of<br>Hedged<br>Item | Potential<br>Exposure | Credit<br>Quality<br>of<br>Refer-<br>ence<br>Entity | Hedge<br>Effectiveness<br>at Inception<br>and at<br>Year-end<br>(b) |
| 155763 Call Options -                       |   |                                    | \ \frac{1}{2}                   |   | J                      |               |   |                           |                    | , , , , , , , , , , , , , , , , , , ,                      |   |   |                           |  |            | , |  |  |  |   |                       |   | 1   |
| S&P 500<br>155766 Call Options -<br>S&P 500 | LIABILITY HEDGE   |                                    | Equity/Index                    | BARCLAYS BANK PLC GE<br>BARCLAYS BANK PLC GE  |                        |               | . 08/18/2023                            |                           | 3,236,902          | 4363 .36851200   |   | (255,025)   | 93,883                    |  |            |   | 0  | 0  | 93,883   |   |                       |   | 0003  |
| 155769 Call Options -<br>S&P 500            | LIABILITY HEDGE   |                                    |                                 | BARCLAYS BANK PLC GS  |                        | . 08/19/2022  | . 08/18/2023                            |                           | 2,931,646          | 4393 .81356800   |   | (218, 202)  | 80,327                    |  |            |   | 0  | 0  | 80,327   |   |                       |   | 0003  |
| 155771 Call Options -<br>S&P 500            | LIABILITY HEDGE   |                                    | ' '                             |   | 65GSEF7VJP5170UK5573   |               | . 08/18/2023                            |                           | 1,216,561          | 4411.99603200  |   | (87,470)  |                           |  |            |   | 0  | 0  | 32,201   |   |                       |   | 0003  |
| 155773 Call Options -<br>S&P 500            | LIABILITY HEDGE   |                                    |                                 |   | 65GSEF7VJP5170UK5573   | . 08/19/2022  | . 08/18/2023                            |                           | 1,584,625          | 4436 . 09836800  |   | (108,738)   | 40,030                    |  |            |   | 0  | 0  | 40,030   |   |                       |   | 0003  |
| 155776 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | BARCLAYS BANK PLC GS<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN                                 | 65GSEF7VJP5170UK5573   | . 08/19/2022  | . 08/18/2023                            |                           | 1,387,087          | 4474 . 15468800  |   | (88,264)  | 32,493                    | (55,771)                               |            |   | 0  | 0  | 32,493   |   |                       |   | 0003  |
| 156467 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | STANLEY/CLEARED THROUGH CBO 9F X-CHANGE FINANCIAL ACCESS / MORGAN                             | DR7GPTS07KV3UQJZQ078   | . 09/06/2022  | . 09/06/2023                            |                           | 1, 195, 906        | 3986 . 35380000  |   | (108,873)   | 34,601                    | (74,272)                               |            |   | 0  | 0  | 34,601   |   |                       |   | 0003  |
| 156471 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | STANLEY/CLEARED THROUGH CBO 9F X-CHANGE FINANCIAL   | PR7GPTS07KV3UQJZQ078   | . 09/06/2022  | . 09/06/2023                            |                           | 1,596,730          | 3991.82526600  |   | (143,960)   | 45,752                    | (98,208)                               |            |   | 0  | 0  | 45,752   |   |                       |   | 0003  |
| 156473 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO 9F<br>X-CHANGE FINANCIAL                    | PR7GPTS07KV3UQJZQ078   | . 09/06/2022  | . 09/06/2023                            |                           | 3,224,726          | 4030.90716600  |   | (270,880)   | 86,088                    | (184,792)                              |            |   | 0  | 0  | 86,088   |   |                       |   | 0003  |
| 156476 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | ACCESS / MORGAN STANLEY/CLEARED THROUGH CBO 9F X-CHANGE FINANCIAL                             | PR7GPTS07KV3UQJZQ078   | . 09/06/2022  | . 09/06/2023                            |                           | 1,216,659          | 4055.52876300  |   | (97,641)  | 31,031                    | (66,610)                               |            |   | 0  | 0  | 31,031   |   |                       |   | 0003  |
| 156479 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO 9F<br>X-CHANGE FINANCIAL                    | DR7GPTS07KV3UQJZQ078   | . 09/06/2022  | . 09/06/2023                            |                           | 4,062,564          | 4062.56350500  |   | (321,760)   | 102,258                   | (219,502)                              |            |   | 0  | 0  | 102,258  |   |                       |   | 0003  |
| 156483 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO 9F<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN | DR7GPTS07KV3UQJZQ078   | . 09/06/2022  | . 09/06/2023                            |                           | 1,630,341          | 4075.85135100  |   | (125,920)   | 40,018                    | (85,902)                               |            |   | 0  | 0  | 40,018   |   |                       |   | 0003  |
| 156487 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | STANLEY/CLEARED THROUGH CBO 9F X-CHANGE FINANCIAL ACCESS / MORGAN                             | DR7GPTS07KV3UQJZQ078   | . 09/06/2022  | . 09/06/2023                            |                           | 2,867,322          | 4096 . 17393900  |   | (213,003)   | 67,694                    | (145,309)                              |            |   | 0  | 0  | 67,694   |   |                       |   | 0003  |
| 156491 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | STANLEY/CLEARED THROUGH CBO 9F BNP PARIBAS LONDON   | OR7GPTS07KV3UQJZQ078   | . 09/06/2022  | . 09/06/2023                            |                           | 1,232,252          | 4107 . 50769000  |   | (89,550)  | 28,460                    | (61,090)                               |            |   | 0  | 0  | 28,460   |   |                       |   | 0003  |
| 156496 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    |   | ROMUWSFPU8MPR08K5P83   | . 09/06/2022  | . 09/06/2023                            |                           | 6,053,974          | 4033.25208000  |   | (276,477)   | 87,867                    | (188,610)                              |            |   | 0  | 0  | 87,867   |   |                       |   | 0003  |
| S&P 500                                     | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | RO  | ROMUWSFPU8MPR08K5P83   | . 09/20/2022  | . 09/20/2023                            |                           | 6,017,561          | 3931.12063500  |   | (586,705)   | 163,956                   | (422,749)                              |            |   | 0  | 0  | 163,956  |   |                       |   | 0003  |
| 156933 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Equity/Index                    | CO. INTERNATIONAL   | PQUHN3JPFGFNF3BB653    | . 09/20/2022  | . 09/20/2023                            |                           | 2,983,573          | 3994.74348000  |   | (267,581)   | 74,776                    | (192,805)                              |            |   | 0  | 0  | 74,776   |   |                       |   | 0003  |
| 156976 Call Options -<br>S&P 500            | LIABILITY HEDGE   | Exhibit 5                          | Fauity/Index                    | RO  | ROMLIWSEPLIBMPROBK5P83 | . 09/20/2022  | 09/20/2023                              |                           | 5 775 415          | 3974.30705100  |   | (279.945)   | 78.231                    | (201.714)                              | l          |   | 0  | 0  | 78.231   |   |                       |   | 0003  |

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|----------------------|----------------|----------------------|---------------------|-----------------------------|-------|
| SHOWING All ODDIONS  | . Cabs. Fibbis | . Cullais, Swabs all | u Fulwalus Obell as | of December 31 of Current   | i tai |

|                                  |                           |             |                |                                       | Sho                            | owing all    | Options, (   | Caps, Floo | ors, Collars,                    | Swaps and            | d Forwards              | Open as o               | of Decemb | er 31 of Cu | rrent Yea | ar         |            |           |           |             |           |         |              |
|----------------------------------|---------------------------|-------------|----------------|---------------------------------------|--------------------------------|--------------|--------------|------------|----------------------------------|----------------------|-------------------------|-------------------------|-----------|-------------|-----------|------------|------------|-----------|-----------|-------------|-----------|---------|--------------|
| 1                                | 2                         | 3           | 4              |                                       | 5                              | 6            | 7            | 8          | 9                                | 10                   | 11                      | 12                      | 13        | 14          | 15        | 16         | 17         | 18        | 19        | 20          | 21        | 22      | 23           |
|                                  |                           |             |                |                                       |                                |              |              |            |                                  |                      | Cumulative              |                         |           |             |           |            |            |           |           |             |           |         |              |
|                                  | Decemention               |             |                |                                       |                                |              |              |            |                                  |                      | Prior                   | C                       |           |             |           |            |            |           |           |             |           |         |              |
|                                  | Description<br>of Item(s) |             |                |                                       |                                |              |              |            |                                  | Strike               | Year(s)<br>Initial Cost | Current<br>Year Initial |           |             |           |            |            |           |           |             |           | Credit  | Hedge        |
|                                  | Hedged,                   |             |                |                                       |                                |              |              |            |                                  | Price,               | of Un-                  | Cost of Un-             |           |             |           |            |            | Total     | Current   | Adjustment  |           | Quality |              |
|                                  | Used for                  |             | Type(s)        |                                       |                                |              | Date of      |            |                                  | Rate or              | discounted              | discounted              |           | Book/       |           |            | Unrealized | Foreign   | Year's    | to Carrying |           | of      | at Inception |
|                                  | Income                    | Schedule/   | of             |                                       |                                |              | Maturity     | Number     |                                  | Index                | Premium                 | Premium                 | Current   | Adjusted    |           |            | Valuation  | Exchange  | (Amorti-  | Value of    |           | Refer-  | and at       |
|                                  | Generation                | Exhibit     | Risk(s)        | Exchange                              | , Counterparty                 | Trade        | or           | of         | Notional                         | Received             | (Received)              | (Received)              | Year      | Carrying    |           |            | Increase/  | Change in | zation)/  | Hedged      | Potential | ence    | Year-end     |
| Description                      | or Replicated             | Identifier  | (a)            |                                       | Clearinghouse                  | Date         | Expiration   | Contracts  | Amount                           | (Paid)               | Paid                    | Paid                    | Income    | Value       | Code I    | Fair Value | (Decrease) | B./A.C.V. | Accretion | Item        | Exposure  | Entity  | (b)          |
|                                  |                           |             |                | X-CHANGE FINANCIAL                    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| 157011 Call Options -            |                           |             |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078           | . 09/20/2022 | . 09/20/2023 |            | 5.530.021                        | 3950.01469200        |                         | (362,544)               | 101,314   | (261,230)   |           |            | 0          | 0         | 101.314   |             |           |         | 0003         |
|                                  |                           |             |                | X-CHANGE FINANCIAL                    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
|                                  |                           |             |                | ACCESS / MORGAN                       |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| 157026 Call Options -<br>S&P 500 | LIABILITY HEDGE           | Evhibit 5   | Equity/Index   | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078           | . 09/20/2022 | . 09/20/2023 |            | 1 615 019                        | 4037 . 54430300      |                         | (85, 108)               | 23,784    | (61, 324)   |           |            | 0          | 0         | 23,784    |             |           |         | 0003         |
| Out 300                          | LIABILITI ILDOL           | LAIIIDIT J  | Equity/ muex   | MORGAN STANLEY &                      | 311/01/100/11/100Q02Q070       | . 00/20/2022 | . 03/20/2020 |            | 1,013,010                        | 4007 .04400000       |                         | (65, 166)               | 20,704    | (01,024)    |           |            |            |           | 20,704    |             |           |         | 0000         |
| 157990 Call Options -            |                           |             |                | CO. INTERNATIONAL                     |                                |              |              |            | 1                                | 1                    | 1                       |                         |           |             |           |            | 1          |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   | PLC                                   | 4PQUHN3JPFGFNF3BB653           | . 10/06/2022 | . 10/06/2023 |            | 1,801,326                        | 3821.65711200        |                         | (182,029)               | 42,889    | (139, 140)  |           |            | 0          | 0         | 42,889    |             |           |         | 0003         |
| 158001 Call Options -            |                           |             |                | MORGAN STANLEY & CO. INTERNATIONAL    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | 4PQUHN3JPFGFNF3BB653           | . 10/06/2022 | . 10/06/2023 |            | 6,964,695                        | 3857.97895600        |                         | (662,024)               | 155,984   | (506,041)   |           |            | 0          | 0         | 155,984   |             |           |         | 0003         |
| 158004 Call Options -            |                           |             |                | BNP PARIBAS LONDON                    |                                |              |              |            | , , , , ,                        |                      |                         | , , ,                   |           | , , ,       |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | . ROMUWSFPU8MPR08K5P83         | . 10/06/2022 | . 10/06/2023 |            | 1,273,230                        | 3883 . 44169200      |                         | (113,855)               | 26,826    | (87,029)    |           |            | 0          | 0         | 26,826    |             |           |         | 0003         |
| 158014 Call Options -            |                           |             |                | BNP PARIBAS LONDON                    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   | MORGAN STANLEY &                      | . ROMUWSFPU8MPR08K5P83         | . 10/06/2022 | . 10/06/2023 |            | 1,465,203                        | 3895.42415600        |                         | (128, 253)              | 30,218    | (98,034)    |           |            | 0          | 0         | 30,218    |             |           |         | 0003         |
| 158028 Call Options -            |                           |             |                | CO. INTERNATIONAL                     |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   | PLC                                   | 4PQUHN3JPFGFNF3BB653           | . 10/06/2022 | . 10/06/2023 |            | 1,241,276                        | 3907.78107200        |                         | (108, 159)              | 25,484    | (82,675)    |           |            | 0          | 0         | 25,484    |             |           |         | 0003         |
|                                  |                           |             |                | X-CHANGE FINANCIAL                    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| 158104 Call Options -            |                           |             |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078           | . 10/06/2022 | . 10/06/2023 |            | 1.966.809                        | 3933 . 61826000      |                         | (105,280)               | 24,806    | (80,474)    |           |            | 0          | 0         | 24,806    |             |           |         | 0003         |
| 158108 Call Options -            |                           |             |                |                                       |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | G5GSEF7VJP5170UK5573           | . 10/06/2022 | . 10/06/2023 |            | 6,680,821                        | 3864.71909200        |                         | (328,619)               | 77,428    | (251, 191)  |           |            | 0          | 0         | 77,428    |             |           |         | 0003         |
| 158152 Call Options -<br>S&P 500 | LIABILITY HEDGE           | Exhibit 5   | Fauity/Index   | BANK OF AMERICA,                      | B4TYDEB6GKMZ0031MB27           | . 10/06/2022 | . 10/06/2023 |            | 1,797,623                        | 3819.41040000        |                         | (266, 154)              | 62,710    | (203, 444)  |           |            | 0          | 0         | 62,710    |             |           |         | 0003         |
| 158727 Call Options -            | EMBIETTI NEBUE            | EXIIIDIT O  | Equity/ macx   | BNP PARIBAS LONDON                    | D-11 I DEDOGRAMEOUT IMDE/      | . 10/00/2022 | . 10/00/2020 |            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 00 10 . + 10 10 00 0 |                         | (200, 104)              |           | (200, 444)  |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | . ROMUWSFPU8MPR08K5P83         | . 10/20/2022 | . 10/20/2023 |            | 6,091,250                        | 3776.85313400        |                         | (325, 462)              | 64,201    | (261, 261)  |           |            | 0          | 0         | 64,201    |             |           |         | 0003         |
|                                  |                           |             |                | X-CHANGE FINANCIAL                    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| 158750 Call Options -            |                           |             |                | ACCESS / MORGAN<br>STANLEY/CLEARED    |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078           | . 10/20/2022 | . 10/20/2023 |            | 3.364.526                        | 3738.36244400        |                         | (348,525)               | 68,750    | (279,775)   |           |            | 0          | 0         | 68,750    |             |           |         | 0003         |
|                                  |                           |             |                | X-CHANGE FINANCIAL                    |                                |              |              |            |                                  |                      |                         | ( , , , , , ,           |           | , , , , ,   |           |            |            |           | , -       |             |           |         |              |
|                                  |                           |             |                | ACCESS / MORGAN                       |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| 158772 Call Options -<br>S&P 500 | LIABILITY HEDGE           | Evhibit 5   | Equity/Index   | STANLEY/CLEARED                       | 9R7GPTS07KV3UQJZQ078           | . 10/20/2022 | . 10/20/2023 |            | 6 016 571                        | 3760 . 35712400      |                         | (600,896)               | 118,533   | (482, 363)  |           |            | 0          | 0         | 118,533   |             |           |         | 0003         |
| odr Jou                          | LIADILIII NEUGE           | LAIIIDIL J  | Equity/ Index  | X-CHANGE FINANCIAL                    | SHI'UF I SUI N Y SUUJI LUU / 8 | . 10/20/2022 | . 10/20/2023 |            | 0,010,3/1                        | 3/00.33/12400        |                         | (000,090)               | 110,333   | (402, 303)  |           |            | l          | V         | 110,333   |             |           |         | 0000         |
|                                  |                           |             |                | ACCESS / MORGAN                       |                                |              |              |            | 1                                | 1                    |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| 158775 Call Options -            | LIADULITY UEDOE           | F 1 15 14 F | F 14 // 1      | STANLEY/CLEARED                       | 007007007///01/0 170070        | 40 (00 (0000 | 40 (00 (0000 |            | 0.707.000                        | 0707 00450000        |                         | (050,040)               | 70.070    | (005 000)   |           |            | _          |           | 70.070    |             |           |         | 0000         |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   | X-CHANGE FINANCIAL                    | 9R7GPTS07KV3UQJZQ078           | . 10/20/2022 | . 10/20/2023 |            | 3, /9/, 382                      | 3797 . 38150200      |                         | (356,240)               | 70,272    | (285, 968)  |           |            | J0         | J 0       | 70,272    |             |           |         | 0003         |
|                                  |                           |             |                | ACCESS / MORGAN                       |                                |              |              |            |                                  | 1                    |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| 158791 Call Options -            |                           |             |                | STANLEY/CLEARED                       |                                |              |              |            |                                  | 1                    |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078           | . 10/20/2022 | . 10/20/2023 |            | 1,527,750                        | 3819.37618200        |                         | (138,024)               | 27,227    | (110,797)   |           |            | 0          | 0         | 27,227    |             |           |         | 0003         |
| 1                                |                           |             |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                                |              |              |            | 1                                | 1                    |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| 158820 Call Options -            |                           |             |                | STANLEY/CLEARED                       |                                |              |              |            |                                  | 1                    |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   |                                       | 9R7GPTS07KV3UQJZQ078           | . 10/20/2022 | . 10/20/2023 |            | 1,540,361                        | 3850.90189000        |                         | (131,688)               | 25,977    | (105,711)   |           |            | 0          | 0         | 25,977    |             |           |         | 0003         |
| 159726 Call Options -            | LIADULITY UEDOE           | F 1 15 14 F | F 14 // 1      | DADOLAVO DANK SLO                     | 05005571/10517011/5570         | 44 /04 /0000 | 44 (00 (0000 |            | 0.000.100                        | 0000 00000500        |                         | (055 400)               | FF 450    | (000, 054)  |           |            | _          |           | FF 450    |             |           |         | 0000         |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   | BAHCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573           | . 11/04/2022 | . 11/06/2023 |            | 3,826,498                        | 3902.89630500        |                         | (355, 103)              | 55, 152   | (299, 951)  |           |            | 0          | 0         | 55, 152   |             |           |         | 0003         |
| S&P 500                          | LIABILITY HEDGE           | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573           | . 11/04/2022 | . 11/06/2023 |            | 1,572,400                        | 3916.09323000        |                         | (142,687)               | 22, 161   | (120,526)   |           |            | 0          | 0         | 22, 161   |             |           |         | 0003         |
| 159758 Call Options -            |                           |             |                |                                       |                                |              |              |            |                                  |                      |                         |                         |           |             |           |            |            |           |           |             |           |         |              |
| S&P 500                          | LIABILITY HEDGE           | IExhibit 5  | I Equity/Index | BARCLAYS BANK PLC                     | G5GSEF7VJP5170UK5573           | . 11/04/2022 | . 11/06/2023 | 1          | 1 229 904                        | 3938.71653000        |                         | (107,354)               | 16.674    | (90,681)    | I         |            | 0          |           | 16.674    | 1           |           | 1       | 0003         |

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|   |  |                       |                           |  | Sho                      | owing all (   | Options, 0          | Caps, Floo      | rs, Collars,           | Swaps and                            | d Forwards                                     | Open as of  | Decembe        | er 31 of Cu       | rrent Y | ear        |                         |                              |                               |                                       |                       |                |  |
|---|--|-----------------------|---------------------------|--|--------------------------|---------------|---------------------|-----------------|------------------------|--------------------------------------|--|---|----------------|-------------------|---------|------------|-------------------------|------------------------------|-------------------------------|---------------------------------------|-----------------------|----------------|--|
| 1   | 2  | 3                     | 4                         | 5  | 5                        | 6             | 7                   | 8               | 9                      | 10                                   | 11<br>Cumulative<br>Prior                      | 12  | 13             | 14                | 15      | 16         | 17                      | 18                           | 19                            | 20                                    | 21                    | 22             | 23   |
|   | Description<br>of Item(s)<br>Hedged,<br>Used for<br>Income | Schedule/             | Type(s)                   | Fushance C   | No. contago a substituti | Trade         | Date of<br>Maturity | Number          | National               | Strike<br>Price,<br>Rate or<br>Index | Year(s) Initial Cost of Un- discounted Premium | Current<br>Year Initial<br>Cost of Un-<br>discounted<br>Premium | Current        | Book/<br>Adjusted |         |            | Unrealized<br>Valuation | Total<br>Foreign<br>Exchange | Current<br>Year's<br>(Amorti- | Adjustment<br>to Carrying<br>Value of | Datantial             | of<br>Refer-   | Hedge<br>Effectiveness<br>at Inception<br>and at |
| Description   | Generation<br>or Replicated                                | Exhibit<br>Identifier | Risk(s)<br>(a)            | Exchange, C<br>or Central Cle  |                          | Trade<br>Date | or<br>Expiration    | of<br>Contracts | Notional<br>Amount     | Received (Paid)                      | (Received)<br>Paid                             | (Received)<br>Paid  | Year<br>Income | Carrying<br>Value | Code    | Fair Value | Increase/<br>(Decrease) | Change in B./A.C.V.          | zation)/<br>Accretion         | Hedged<br>Item                        | Potential<br>Exposure | ence<br>Entity | Year-end<br>(b)                                  |
| 159770 Call Options -                                     | or replicated  | identifier            | (α)                       | or ochtrar ord   | camignouse               | Date          | Expiration          | Contracts       | Amount                 | (i aid)                              | i ala  | 1 alu   | IIICOIIIC      | Value             | Couc    | Tall Value | (Decrease)              | <i>D.IA</i> .O.V.            | Acciction                     | itom                                  | LAPOSUIC              | Littly         | (5)  |
| 159848 Call Options -<br>S&P 500                          | LIABILITY HEDGE  |                       | Equity/Index Equity/Index | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO 9F                           |                          | . 11/04/2022  | . 11/06/2023        |                 | 1,814,098<br>3,845,584 | 3957.56928000                        |  | (153, 250)  | 23,802         | (129,449)         |         |            | 0                       | 0                            | 23,802                        |                                       |                       |                | 0003   |
| 159864 Call Options -                                     |  |                       |                           | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED   |                          |               |                     |                 |                        |                                      |  |   |                |                   |         |            |                         |                              |                               |                                       |                       |                |  |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              |  | R7GPTS07KV3UQJZQ078      | . 11/04/2022  | . 11/06/2023        |                 | 385,049                | 3850 . 48566000                      |  | (38,041)  | 5,908          | (32, 133)         |         |            | 0                       | 0                            | 5,908                         |                                       |                       |                | 0003   |
| 159906 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | BARCLAYS BANK PLC G5   | 5GSEF7VJP5170UK5573      | . 11/04/2022  | . 11/06/2023        |                 | 5,588,791              | 3882.91239000                        |  | (536, 365)  | 83,305         | (453,060)         |         |            | 0                       | 0                            | 83,305                        |                                       |                       |                | 0003   |
| 159908 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | JPMORGAN CHASE<br>BANK, N.A 7F   | H6GLXDRUGQFU57RNE97      | . 11/04/2022  | . 11/06/2023        |                 | 7,530,497              | 3888 . 56821500                      |  | 0   |                |                   |         |            | 0                       | 0                            |                               |                                       |                       |                | 0003   |
| 160906 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | CITIBANK N.A ES<br>X-CHANGE FINANCIAL  | 570DZWZ7FF32TWEFA76      | . 11/18/2022  | . 11/20/2023        |                 | 3,499,247              | 4044 . 25026600                      |  | (339,703)   | 39,802         | (299, 901)        |         |            | 0                       | 0                            | 39,802                        |                                       |                       |                | 0003   |
| 160907 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | ACCESS / MORGAN<br>STANLEY/CLEARED   | R7GPTS07KV3UQJZQ078      | . 11/18/2022  | . 11/20/2023        |                 | 3,275,688              | 4094 . 61008400                      |  | (287, 824)  | 33,723         | (254, 101)        |         |            | 0                       | 0                            | 33,723                        |                                       |                       |                | 0003   |
| 160928 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | CITIBANK N.A E5  | 570DZWZ7FF32TWEFA76      | . 11/18/2022  | . 11/20/2023        |                 | 5,262,689              | 4061.30122800                        |  | (496,316)   | 58 , 152       | (438, 165)        |         |            | 0                       | 0                            | 58 , 152                      |                                       |                       |                | 0003   |
| 160933 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | CITIBANK N.A ES  | 570DZWZ7FF32TWEFA76      | . 11/18/2022  | . 11/20/2023        |                 | 1,489,245              | 4128.31547400                        |  | (124,894)   | 14,633         | (110,261)         |         |            | 0                       | 0                            | 14,633                        |                                       |                       |                | 0003   |
| 160960 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | X-CHANGE FINANCIAL ACCESS / MORGAN STANLEY/CLEARED THROUGH CB0 9F X-CHANGE FINANCIAL ACCESS / MORGAN | R7GPTS07KV3UQJZQ078      | . 11/18/2022  | . 11/20/2023        |                 | 1,247,417              | 4158.05552400                        |  | (97,737)  | 11,451         | (86,286)          |         |            | 0                       | 0                            | 11,451                        |                                       |                       |                | 0003   |
| 160979 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | STANLEY/CLEARED  | R7GPTS07KV3UQJZQ078      | . 11/18/2022  | . 11/20/2023        |                 | 840,018                | 4200.08812800                        |  | (60,828)  | 7, 127         | (53,701)          |         |            | 0                       | 0                            | 7, 127                        |                                       |                       |                | 0003   |
| 160990 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | BARCLAYS BANK PLC G5   | 5GSEF7VJP5170UK5573      | . 11/18/2022  | . 11/20/2023        |                 | 5,604,016              | 4085.09326800                        |  | (243,366)   | 28,514         | (214, 852)        |         |            | 0                       | 0                            | 28,514                        |                                       |                       |                | 0003   |
| 161882 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | CITIBANK N.A ES<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN   | 570DZWZ7FF32TWEFA76      | . 12/06/2022  | . 12/06/2023        |                 | 5,454,202              | 4018.50869600                        |  | (521,674)   | 35,731         | (485,943)         |         |            | 0                       | 0                            | 35,731                        |                                       |                       |                | 0003   |
| 161885 Call Options -<br>S&P 500<br>161896 Call Options - | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | STANLEY/CLEARED  | R7GPTS07KV3UQJZQ078      | . 12/06/2022  | . 12/06/2023        |                 | 1,610,714              | 4026 . 78534200                      |  | (148, 176)  | 10 , 149       | (138,027)         |         |            | 0                       | 0                            | 10,149                        |                                       |                       |                | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | CITIBANK N.A ES<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN   | 570DZWZ7FF32TWEFA76      | . 12/06/2022  | . 12/06/2023        |                 | 1,211,488              | 4087 .87487200                       |  | (102,228)   | 7,002          | (95, 226)         |         |            | 0                       | 0                            | 7,002                         |                                       |                       |                | 0003   |
| 161900 Call Options -<br>S&P 500                          | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | STANLEY/CLEARED  | R7GPTS07KV3UQJZQ078      | . 12/06/2022  | . 12/06/2023        |                 | 6,090,429              | 4060 . 28605200                      |  | (527 , 115)   | 36 , 104       | (491,011)         |         |            | 0                       | 0                            | 36,104                        |                                       |                       |                | 0003   |
| 161948 Call Options -<br>S&P 500<br>161956 Call Options - | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | STANLEY/CLEARED<br>THROUGH CBO 9F  | R7GPTS07KV3UQJZQ078      | . 12/06/2022  | . 12/06/2023        |                 | 6,896,456              | 4056.74000000                        |  | (268,005)   | 18,357         | (249,648)         |         |            | 0                       | 0                            | 18,357                        |                                       |                       |                | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | CITIBANK N.A E5  | 570DZWZ7FF32TWEFA76      | . 12/06/2022  | . 12/06/2023        |                 | 1,510,680              | 4128 . 86397600                      |  | (118, 133)  | 8,091          | (110,042)         |         |            | 0                       | 0                            | 8,091                         |                                       |                       |                | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              | CITIBANK N.A ES  | 570DZWZ7FF32TWEFA76      | . 12/06/2022  | . 12/06/2023        |                 | 1,571,174              | 4156 . 45279600                      |  | (116,834)   | 8,002          | (108,832)         |         |            | 0                       | 0                            | 8,002                         |                                       |                       |                | 0003   |
| S&P 500   | LIABILITY HEDGE  | Exhibit 5             | Equity/Index              |  | S71P3U3RHIGC71XBU11      | . 12/20/2022  | . 12/20/2023        | L               | 6.133.649              | 3932.82914200                        | L  | (287, 282)  | 8 . 658        | (278,624)         |         |            | 0                       | 0                            | 8 .658                        | l                                     |                       |                | 0003   |

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|   |  |                |               |  | She                  | owing all (  | Options (           | Caps Floor | rs Collars    | Swaps and                            | d Forwards  | Open as o   | f December  | er 31 of Cu       | irrent Ye | ear            |                         |                              |                               |                                       |           |                                   |  |
|---|--|----------------|---------------|--|----------------------|--------------|---------------------|------------|---------------|--------------------------------------|---|---|-------------|-------------------|-----------|----------------|-------------------------|------------------------------|-------------------------------|---------------------------------------|-----------|-----------------------------------|--|
| 1                                       | 2  | 3              | 4             |  | 5                    | 6            | 7                   | 8          | 9             | 10                                   | 11  | 12  | 13          | 14                | 15        | 16             | 17                      | 18                           | 19                            | 20                                    | 21        | 22                                | 23   |
|   | Description<br>of Item(s)<br>Hedged,<br>Used for<br>Income | Schedule/      | Type(s)       |  |                      |              | Date of<br>Maturity | Number     |               | Strike<br>Price,<br>Rate or<br>Index | Cumulative Prior Year(s) Initial Cost of Un- discounted Premium | Current<br>Year Initial<br>Cost of Un-<br>discounted<br>Premium | Current     | Book/<br>Adjusted |           |                | Unrealized<br>Valuation | Total<br>Foreign<br>Exchange | Current<br>Year's<br>(Amorti- | Adjustment<br>to Carrying<br>Value of |           | Credit<br>Quality<br>of<br>Refer- | Hedge<br>Effectiveness<br>at Inception<br>and at |
|   | Generation   | Exhibit        | Risk(s)       | Evchange   | , Counterparty       | Trade        | or                  | of         | Notional      | Received                             | (Received)  | (Received)  | Year        | Carrying          |           |                | Increase/               | Change in                    | zation)/                      | Hedged                                | Potential | ence                              | Year-end   |
| Description                             | or Replicated  | Identifier     | (a)           |  | Clearinghouse        | Date         | Expiration          |            | Amount        | (Paid)                               | Paid  | Paid  | Income      | Value             | Code      | Fair Value     | (Decrease)              | B./A.C.V.                    | Accretion                     | Item                                  | Exposure  | Entity                            | (b)  |
| Becomption                              | or replicated  | identino       | (α)           | X-CHANGE FINANCIAL   | Oleaninghouse        | Dute         | Expiration          | Contracto  | 7 ti il Odile | (i did)                              | i aia   | i did   | moome       | Value             | Oouc      | i dii valac    | (Bedrease)              | <i>D.</i> ,7 t. O. v .       | 71001011011                   | itom                                  | Ехробаго  | Linuty                            | (5)  |
| 162584 Call Options -<br>S&P 500        | LIABILITY HEDGE  | Exhibit 5      | Equity/Index  | ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN | 9R7GPTS07KV3UQJZQ078 | . 12/20/2022 | . 12/20/2023        |            | 5,065,481     | 3896 . 52375200                      |   | (480,415)   | 14,478      | (465,937)         |           |                | 0                       | 0                            | 14,478                        |                                       |           |                                   | 0003   |
| 162596 Call Options -<br>S&P 500        | LIABILITY HEDGE  | Exhibit 5      | Equity/Index  | STANLEY/CLEARED THROUGH CBO X-CHANGE FINANCIAL ACCESS / MORGAN                             | 9R7GPTS07KV3UQJZQ078 | . 12/20/2022 | . 12/20/2023        |            | 1,952,275     | 3904.54915400                        |   | (182,500)   | 5,500       | (177,000)         |           |                | 0                       | 0                            | 5,500                         |                                       |           |                                   | 0003   |
| 162598 Call Options -<br>S&P 500        | LIABILITY HEDGE  | Exhibit 5      | Equity/Index  | STANLEY/CLEARED<br>THROUGH CBO<br>X-CHANGE FINANCIAL                                       | 9R7GPTS07KV3UQJZQ078 | . 12/20/2022 | . 12/20/2023        |            | 5,904,976     | 3936.65076200                        |   | (520,845)   | 15,697      | (505, 148)        |           |                | 0                       | 0                            | 15,697                        |                                       |           |                                   | 0003   |
| 162623 Call Options -<br>S&P 500        | LIABILITY HEDGE  | Exhibit 5      | Equity/Index  | ACCESS / MORGAN<br>STANLEY/CLEARED<br>THROUGH CBO<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN | 9R7GPTS07KV3UQJZQ078 | . 12/20/2022 | . 12/20/2023        |            | 1,188,562     | 3961.87345400                        |   | (100,065)   | 3,016       | (97,049)          |           |                | 0                       | 0                            | 3,016                         |                                       |           |                                   | 0003   |
| 162655 Call Options -<br>S&P 500        | LIABILITY HEDGE  | Exhibit 5      | Equity/Index  | STANLEY/CLEARED  | 9R7GPTS07KV3U0JZ0078 | . 12/20/2022 | . 12/20/2023        |            | 1,204,957     | 4016 . 52262000                      |   | (91,419)  | 2,755       | (88,664)          |           |                | 0                       | 0                            | 2,755                         |                                       |           |                                   | 0003   |
|   | total - Written Option                                     |                |               |  |                      |              |                     |            | ,,,           |                                      | 0   |   | 19,256,579  | (20, 130, 892)    | XXX       | 0              | 0                       | 0                            | 19,256,579                    | 0                                     | 0         | XXX                               | XXX  |
|   | total - Written Option                                     |                |               |  |                      |              |                     |            |               |                                      | 0   |   | 19,256,579  | (20, 130, 892)    |           | 0              | 0                       | 0                            | 19,256,579                    | 0                                     |           | XXX                               | XXX  |
|   | total - Written Option                                     |                |               |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - Written Option                                     |                |               |  |                      |              |                     |            |               |                                      | 0   | 0   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     | 0         | XXX                               | XXX  |
| 09199999999. Subt                       | total - Written Option                                     | ns - Other     |               |  |                      |              |                     |            |               |                                      | 0   | 0   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     | 0         | XXX                               | XXX  |
| 0929999999. Tota                        | al Written Options - 0                                     | Call Options   | and Warrant   | S  |                      |              |                     |            |               |                                      | 0   | (39, 387, 471)  | 19,256,579  | (20, 130, 892)    | XXX       | 0              | 0                       | 0                            | 19,256,579                    | 0                                     | 0         | XXX                               | XXX  |
| 0939999999. Tota                        | al Written Options - I                                     | out Options    |               |  |                      |              |                     |            |               |                                      | 0   | 0   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     | 0         | XXX                               | XXX  |
| 09499999999. Tota                       | al Written Options - 0                                     | Caps           |               |  |                      |              |                     |            |               |                                      | 0   | 0   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     | 0         | XXX                               | XXX  |
| 0959999999. Tota                        | al Written Options - I                                     | loors          |               |  |                      |              |                     |            |               |                                      | 0   | 0   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     | 0         | XXX                               | XXX  |
| 0969999999. Tota                        | al Written Options - 0                                     | Collars        |               |  |                      |              |                     |            |               |                                      | 0   | 0   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     | 0         | XXX                               | XXX  |
| 0979999999. Tota                        | al Written Options - 0                                     | Other          |               |  |                      |              |                     |            |               |                                      | 0   | 0   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     | 0         | XXX                               | XXX  |
| 0989999999. Tota                        | al Written Options   |                |               |  |                      |              |                     |            |               |                                      | 0   | (39, 387, 471)  | 19,256,579  | (20, 130, 892)    |           | 0              | 0                       | 0                            | 19,256,579                    | 0                                     |           | XXX                               | XXX  |
| 1049999999. Subt                        | total - Swaps - Hedg                                       | ging Effective | Excluding V   | ariable Annuity C  | Suarantees Under St  | SAP No.108   | }                   |            |               |                                      | 0   | 0   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     | 0         | XXX                               | XXX  |
|   | total - Swaps - Hedg                                       |                | e Variable An | nuity Guarantees   | Under SSAP No.10     | 8            |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - Swaps - Hedo                                       |                |               |  |                      |              |                     |            |               |                                      | 0   | -   | 0           |                   | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - Swaps - Repl                                       |                |               |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - Swaps - Incor                                      |                | on            |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - Swaps - Othe                                       |                |               |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | al Swaps - Interest R                                      |                |               |  |                      |              |                     |            |               |                                      | 0   | ·   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | al Swaps - Credit De                                       |                |               |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | al Swaps - Foreign E                                       |                |               |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | al Swaps - Total Ret                                       | urn            |               |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
| 13999999999999999999999999999999999999  |  |                |               |  |                      |              |                     |            |               |                                      | 0   | -   | 0           |                   | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
| 140999999999999999999999999999999999999 |  |                |               |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
| 14799999999. Subt                       |  | 0 Adiustra     | to            |  |                      |              |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - SSAP No. 103<br>total - Hedging Effec              |                |               | nnuity Guarantas   | ac I Indar SSAD Na   | 108          |                     |            |               |                                      | 0   |   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - Hedging Effec                                      |                |               |  |                      | 100          |                     |            |               |                                      | 0   | ·   | 0           | 0                 | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - Hedging Effect                                     |                | - Annuity Gu  | arantees Under S   | DOAF 110. 100        |              |                     |            |               |                                      | 0   |   | (4,970,689) | 4,683,242         |           | 5,432,175      | (11,112,062)            | 0                            | (4,970,689)                   | 0                                     |           | XXX                               | XXX  |
| 17199999999. Subt                       |  | i              |               |  |                      |              |                     |            |               |                                      | 0   |   | (4,970,089) |                   | XXX       | 0,402,1/0<br>n | (11,112,002)            | 0                            | (4,870,089                    | 0                                     |           | XXX                               | XXX  |
|   | total - Replication  | ration         |               |  |                      |              |                     |            |               |                                      | 0   |   | 0           |                   | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
| 1739999999. Subi                        |  | IauUII         |               |  |                      |              |                     |            |               |                                      | 0   | -   | 0           |                   | XXX       | 0              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
|   | total - Other  | or SSAP No     | 108 Derivat   | ives   |                      |              |                     |            |               |                                      | 0   |   | 0           |                   | XXX       | n              | 0                       | 0                            | 0                             | 0                                     |           | XXX                               | XXX  |
| 1759999999 - Tota                       |  | J. JOAN 110    | oo Denvat     |  |                      |              |                     |            |               |                                      | 0   |   | (4.970.689) |                   |           | 5,432,175      | (11, 112, 062)          | 0                            | (4.970.689)                   | 0                                     |           | XXX                               | XXX  |
| 1100000000 - 100                        | .นเง   |                |               |  |                      |              |                     |            |               |                                      | U   | 3,002,400   | (4,310,009) | 4,000,242         | ^^^       | J,4JZ, 1/J     | (11,112,002)            | U                            | (4,310,009)                   | U                                     | U         | \/\/\                             |  |

# 18.19

### ANNUAL STATEMENT FOR THE YEAR 2022 OF THE ANNUITY INVESTORS LIFE INSURANCE COMPANY

| –   |      |                               |
|-----|------|-------------------------------|
| (a) | Code | Description of Hedged Risk(s) |
| ` ′ |      |                               |

| (b) | Code   | Financial or Economic Impact of the Hedge at the End of the Reporting Period |
|-----|--------|--|
|     | 0003 E | quity derivatives hedging portfolio's exposure to equity markets             |

## **SCHEDULE DB - PART A - SECTION 2**

|                              |                          |            |                                     |  | Sh            | nowing a     | all Opt   | tions, Cap            | s, Floors, | Collars, S  | waps and         | l Forwards           | : Terminat             | ted During         | Current \   | ′ear     |      |            |               |                   |                |                           |                |                               |
|------------------------------|--------------------------|------------|-------------------------------------|--|---------------|--------------|-----------|-----------------------|------------|-------------|------------------|----------------------|------------------------|--------------------|-------------|----------|------|------------|---------------|-------------------|----------------|---------------------------|----------------|-------------------------------|
| 1                            | 2                        | 3          | 4                                   | 5  | 6             | 7            | 8         | 9                     | 10         | 11          | 12               | 13                   | 14                     | 15                 | 16          | 17       | 18   | 19         | 20            | 21                | 22             | 23                        | 24             | 25                            |
|                              |                          |            |                                     |  |               |              |           |                       |            |             |                  | Cumulative           |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Description              |            |                                     |  |               |              |           |                       |            |             |                  | Prior Year(s)        |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | of Item(s)               |            |                                     |  |               | Date of      |           | 1                     |            |             | Strike<br>Price. | Initial Cost         | Initial Cost<br>of Un- | 0                  |             |          |      |            |               | 0                 | 0-:-           | A -1:44                   | 0-:-           | Hedge                         |
|                              | Hedged,<br>Used for      | Schedule   | Type(s)                             |  |               | Maturity     |           | Indicate<br>Exercise. |            |             | Rate or          | of Un-<br>discounted | discounted             | Considera-<br>tion |             | Book/    |      | Unrealized | Total Foreign | Current<br>Year's | Gain<br>(Loss) | Adjustment<br>to Carrying | Gain<br>(Loss) | Effectiveness<br>at Inception |
|                              | Income                   | /          | of                                  |  | 1 1.          |              | ermina-   | Expiration,           | Number     |             | Index            | Premium              | Premium                | Received           | Current     | Adjusted |      | Valuation  | Exchange      | (Amortiza-        | on             | Value of                  | on             | and at                        |
|                              | Generation               | Exhibit    | Risk(s)                             | Exchange, Counterparty                                 | Trade         |              | tion      | Maturity or           | of         | Notional    | Received         | (Received)           | (Received)             | (Paid) on          | Year        | Carrying |      | Increase/  | Change in     | tion)/            | Termination    | Hedged                    | Termination    | Termination                   |
| Description                  | or Replicated            | Identifier | (a)                                 | or Central Clearinghouse                               | Date          | tion         | Date      | Sale                  | Contracts  | Amount      | (Paid)           | Paid                 | Paid                   | Termination        | Income      | Value    | Code | (Decrease) | B./A.C.V.     | Accretion         | Recognized     | Item                      | Deferred       | (b)                           |
| 0079999999. Subtota          | al - Purchased Options - | Hedging    | Effective E                         | xcluding Variable Annuity Guaran                       | tees Under :  | SSAP No.     | 108       |                       |            |             |                  | 0                    | 0                      | 0                  | 0           | 0        | XXX  | 0          | 0             | 0                 | 0              | 0                         | 0              | XXX                           |
|                              |                          | Hedging    | Effective \                         | /ariable Annuity Guarantees Unde                       | r SSAP No.1   | 108          |           |                       |            |             |                  | 0                    | 0                      | 0                  | 0           | 0        | XXX  | 0          | 0             | 0                 | 0              | 0                         | 0              | XXX                           |
| 139494 Call Options - S&P 50 | 0                        |            |                                     | MORGAN STANLEY & CO.                                   |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/06/2021 0  | 1/06/2022 01 | 1/06/2022 | Maturity              |            | 1,634,544   | 3748.14000000    | 133,310              |                        | 413,379            | 411, 187    |          |      | 0          |               | (2,191)           | 413,379        |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140322 Call Options - S&P 50 | 0                        |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        | THROUGH CB0 9R7GPTS07KV3UQJZQ078                       | 01/06/2021 0  | 1/06/2022 01 | 1/06/2022 | Maturity              |            | 1, 130,896  | 3748 . 14000000  | 84,452               |                        | 284,373            | 282,985     |          |      | 0          |               | (1,388)           | 284,373        |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140365 Call Options - S&P 50 | 0                        |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/06/2021 0  | 1/06/2022 01 | 1/06/2022 | Maturity              |            | 3,084,402   | 3748.14000000    | 225, 206             |                        | 758,328            | 754,626     |          |      | 0          |               | (3,702)           |                |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140498 Call Options - S&P 50 | 0                        |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/06/2021 0  | 1/06/2022 01 | 1/06/2022 | Maturity              |            | 8,000,036   | 3748.14000000    | 591, 165             |                        | 1,990,611          | 1,980,893   |          |      | 0          |               | (9,718)           | 1,990,611      |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL                                     |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140513 Call Options - S&P 50 | 0                        |            |                                     | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 01/06/2021 0  | 1/06/2022 01 | 1/06/2022 | Maturity              |            | 1,710,691   | 3748 . 14000000  | 140,754              |                        | 473,955            | 471,641     |          |      | 0          |               | (2,314)           | 473,955        |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL                                     |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140572 Call Options - S&P 50 | 0                        |            |                                     | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/06/2021 0  | 1/06/2022 01 | 1/06/2022 | Maturity              |            | 1,615,267   | 3748 . 14000000  | 112,603              |                        | 379, 164           | 377,313     |          |      | 0          |               | (1,851)           | 379, 164       |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL                                     |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140655 Call Options - S&P 50 | 0                        |            |                                     | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/06/2021 0  | 1/06/2022 01 | 1/06/2022 | Maturity              |            | 1,722,564   | 3748.14000000    | 140,754              |                        | 473,955            | 471,641     |          |      | 0          |               | (2,314)           | 473,955        |                           |                | 0003                          |
| 142061 Call Options - S&P 50 | 0                        |            |                                     | ROYAL BANK OF CANADA                                   |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/06/2021 0  | 1/06/2022 01 | 1/06/2022 | Maturity              |            | 6,797,022   | 3748 . 14000000  | 308,585              |                        | 965,424            | 960,351     |          |      | 0          |               | (5,073)           | 965,424        |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 139533 Call Options - S&P 50 | 0                        |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/20/2021 0  | 1/20/2022 01 | 1/20/2022 | Maturity              |            | 2, 170, 424 | 3851.85000000    | 174,496              |                        | 378,528            | 368,967     |          |      | 0          |               | (9,561)           | 378,528        |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140358 Call Options - S&P 50 | 0                        |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/20/2021 0  | 1/20/2022 01 | 1/20/2022 | Maturity              |            | 2, 170,891  | 3851.85000000    | 174,496              |                        | 378,528            | 368,967     |          |      | 0          |               | (9,561)           | 378,528        |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140495 Call Options - S&P 50 |                          |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/20/2021 0  | 1/20/2022 01 | 1/20/2022 | Maturity              |            | 7,094,255   | 3851.85000000    | 523,489              |                        | 1,135,584          | 1, 106, 900 |          |      | 0          |               | (28,684)          | 1, 135, 584    |                           |                | 0003                          |
| 1                            |                          |            |                                     | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |              |           |                       |            |             |                  | I                    |                        | I                  | 1           |          |      |            |               |                   | 1              |                           |                |                               |
| 140508 Call Options - S&P 50 |                          |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL | 01/20/2021 0  | 1/20/2022 01 | 1/20/2022 | Maturity              |            | 1,536,560   | 3851.85000000    | 116,331              |                        | 252,352            | 245,978     |          |      | 0          |               | (6,374)           | 252,352        |                           |                | 0003                          |
| 440500 0 11 0 11             |                          |            |                                     | ACCESS / MORGAN  |               |              |           |                       |            |             |                  | 1                    |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140569 Call Options - S&P 50 |                          |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL | 01/20/2021 0  | 1/20/2022 01 | 1/20/2022 | Maturity              |            | 2, 168, 202 | 3851.85000000    | 174,496              |                        | 378,528            | 368,967     |          |      | 0          |               | (9,561)           | 378,528        |                           |                | 0003                          |
|                              |                          |            |                                     | ACCESS / MORGAN  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 140670 Call Options - S&P 50 |                          |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  |                      |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 141949 Call Options - S&P 50 | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 01/20/2021 0  | 1/20/2022 01 | 1/20/2022 | Maturity              | •••••      | 1,309,479   | 3851.85000000    | 87,248               |                        | 189,264            | 184, 483    |          |      | 0          |               | (4,781)           | 189,264        |                           |                | 0003                          |
| · ·                          |                          | Evhibit 5  | Equity/Index                        | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09            | 01/20/2021    | 1/20/2022    | 1/20/2022 | Maturity              |            | 5.966.784   | 3851.85000000    | 275.069              |                        | 705,534            | 690.462     |          |      |            |               | (15,072)          | 705,534        |                           |                | 0003                          |
| 139510 Call Options - S&P 50 | Liability Hedge0         | LAIIIDIT 3 | Equity/index                        | N.A KB1H1DSPRFMYMCUFXT09 MORGAN STANLEY & CO.          | 01/20/2021    | 1/20/2022 01 | 1/20/2022 | matulity              |            | 5,900,784   | 0001.000000000   | 210,009              |                        | /00,534            | 030,402     |          |      |            |               | (10,072)          | /00,534        |                           |                | 0000                          |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 02/05/2021 03 | 2/04/2022 02 | 2/04/2022 | Maturity              |            | 1.410.192   | 3886.83000000    | 115, 121             |                        | 222,658            | 211,589     |          |      |            |               | (11,069)          | 222,658        | L                         |                | 0003                          |
| 139512 Call Options - S&P 50 |                          |            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | MORGAN STANLEY & CO.                                   |               |              |           | ,                     |            | ,,          |                  |                      |                        | , 300              | , 000       |          | 1    |            |               | (,500)            | , 300          |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653               | 02/05/2021 0  | 2/04/2022 02 | 2/04/2022 | Maturity              |            | 987,202     | 3886.83000000    | 80,590               |                        | 155,871            | 148 , 122   |          |      | 0          |               | (7,749)           | 155,871        |                           |                | 0003                          |
|                              |                          |            |                                     | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |              |           |                       |            |             |                  | I                    |                        |                    |             |          |      |            |               |                   |                |                           |                |                               |
| 139953 Call Options - S&P 50 | 0                        |            |                                     | STANLEY/CLEARED  |               |              |           |                       |            |             |                  | I                    |                        | I                  | 1           |          |      |            |               |                   | 1              |                           |                |                               |
|                              | Liability Hedge          | Exhibit 5  | Equity/Index                        |  | 02/05/2021 0  | 2/04/2022 02 | 2/04/2022 | Maturity              |            | 1,092,996   | 3886.83000000    | 92,357               |                        | 184, 110           | 175,230     |          |      | 0          |               | (8,880)           | 184, 110       |                           |                | 0003                          |

## **SCHEDULE DB - PART A - SECTION 2**

|                               |                                      |                       |                |  |               | Showing         | all Op        | tions, Cap          | os, Floors,     | Collars, S         | Swaps and          | d Forwards  | s Termina                              | ted During               | Current Y                               | ear               |      |                         |                                       |                     |   |                |                         |                        |
|-------------------------------|--------------------------------------|-----------------------|----------------|--|---------------|-----------------|---------------|---------------------|-----------------|--------------------|--------------------|---|--|--------------------------|---|-------------------|------|-------------------------|---------------------------------------|---------------------|---|----------------|-------------------------|------------------------|
| 1                             | 2                                    | 3                     | 4              | 5  | 6             | 7               | 8             | 9                   | 10              | 11                 | 12                 | 13  | 14                                     | 15                       | 16                                      | 17                | 18   | 19                      | 20                                    | 21                  | 22                                      | 23             | 24                      | 25                     |
|                               | Description<br>of Item(s)<br>Hedged, |                       |                |  |               | Date of         |               | Indicate            |                 |                    | Strike<br>Price,   | Cumulative<br>Prior Year(s)<br>Initial Cost<br>of Un- | Current Year<br>Initial Cost<br>of Un- | Considera-               |   |                   |      |                         |                                       | Current             | Gain                                    | Adjustment     | Gain                    | Hedge<br>Effectiveness |
|                               |                                      | Schedule              | Type(s)        |  |               | Maturity        |               | Exercise,           |                 |                    | Rate or            | discounted  | discounted                             | tion                     |   | Book/             |      | Unrealized              | Total Foreign                         |                     | (Loss)                                  | to Carrying    | (Loss)                  | at Inception           |
|                               | Income                               | _ /                   | of             | 5 1  | <b>-</b>      |                 | Γermina-      |                     | Number          | N. C.              | Index              | Premium   | Premium                                | Received                 | Current                                 | Adjusted          |      | Valuation               | Exchange                              | (Amortiza-          | on                                      | Value of       | on                      | and at                 |
| Description                   | Generation<br>or Replicated          | Exhibit<br>Identifier | Risk(s)<br>(a) | Exchange, Counterparty<br>or Central Clearinghouse             | Trade<br>Date | Expira-<br>tion | tion<br>Date  | Maturity or<br>Sale | of<br>Contracts | Notional<br>Amount | Received<br>(Paid) | (Received)<br>Paid                                    | (Received)<br>Paid                     | (Paid) on<br>Termination | Year<br>Income                          | Carrying<br>Value | Code | Increase/<br>(Decrease) | Change in<br>B./A.C.V.                | tion)/<br>Accretion | Termination<br>Recognized               | Hedged<br>Item | Termination<br>Deferred | Termination<br>(b)     |
| Boompaon                      | or replicator                        | idontino              | (4)            | X-CHANGE FINANCIAL   | Bato          |                 | Duto          | Gailg               | Contracto       | 7 1110 0111        | (i did)            |   |  | Tommation                | moomo                                   | Yuluo             | 0000 | (Booroaco)              | <i>B.,</i> 70 v.                      | 71001011011         | rtooograzou                             | KOIII          | Bololloa                | (2)                    |
| 140367 Call Options - S&P 500 |                                      |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQ078                               | 02/05/2021    | 02/04/2022 02   | 2/04/2022     | Maturity            |                 | 2,925,832          | 3886.83000000      | 246,286   |  | 490,960                  | 467,279                                 |                   |      | 0                       |                                       | (23,681             | ) 490,960                               |                |                         | 0003                   |
|                               |                                      |                       |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
| 140502 Call Options - S&P 500 |                                      | F 1 11 11 F           |                | STANLEY/CLEARED  | 00 (05 (0004  | 00 (04 (0000    | 0 (0.4 (0.000 |                     |                 | 0.450.044          | 0000 0000000       | 700 057   |  | 4 470 000                | 4 404 000                               |                   |      |                         | .]                                    | (74.044             | 4 470 000                               |                |                         | 0000                   |
| 140558 Call Options - S&P 500 | Liability Hedge                      | EXNIBIT 5             | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78 MORGAN STANLEY & CO.          | 02/05/2021    | 02/04/2022 02   | 2/04/2022     | Maturity            |                 | 9,456,614          | 3886.83000000      | 738 , 857   |  | 1,472,880                | 1,401,836                               |                   |      |                         | ,                                     | (71,044             | 1,472,880                               |                |                         | 0003                   |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   |  | 02/05/2021    | 02/04/2022 02   | 2/04/2022     | Maturity            |                 | 1,779,175          | 3886.83000000      | 145,242   |  | 280,918                  | 266,952                                 |                   |      | 0                       |                                       | (13,966             | i)280,918                               |                |                         | 0003                   |
| 141505 Call Options - S&P 500 |                                      |                       |                | MORGAN STANLEY & CO.   |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
| 141546 Call Options - S&P 500 | Liability Hedge                      | Exhibit 5             | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                       | 02/05/2021    | 02/04/2022 02   | 2/04/2022     | Maturity            |                 | 1,716,187          | 3886.83000000      | 140, 100  |  | 270,972                  | 257,501                                 |                   |      | 0                       | )                                     | (13,471             | )270,972                                |                |                         | 0003                   |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 02/05/2021    | 02/04/2022 02   | 2/04/2022     | Maturity            |                 | 1,202,667          | 3886.83000000      | 97,777  |  | 189,892                  | 180,490                                 |                   |      | 0                       |                                       | (9,402              | 9) 189,892                              |                |                         | 0003                   |
| 142064 Call Options - S&P 500 |                                      |                       |                |  |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
| 139506 Call Options - S&P 500 | Liability Hedge                      | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 02/05/2021    | 02/04/2022 02   | 2/04/2022     | Maturity            |                 | 6,409,045          | 3886.83000000      | 292,893   |  | 806,626                  | 778,463                                 |                   |      | 0                       |                                       | (28, 163            | 806,626                                 |                |                         | 0003                   |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | CITIBANK N.A E570DZWZ7FF32TWEFA76                              | 02/19/2021    | 02/18/2022 02   | 2/18/2022     | Maturity            |                 | 2, 100, 130        | 3906.71000000      | 172,752   |  | 237.692                  | 214,437                                 |                   |      | 0                       |                                       | (23,255             | 237,692                                 |                |                         | 0003                   |
| 140324 Call Options - S&P 500 | 1                                    |                       |                |  |               |                 |               | ,                   |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | BNP PARIBAS LONDON ROMUNSFPU8MPR08K5P83<br>X-CHANGE FINANCIAL  | 02/19/2021    | 02/18/2022 02   | 2/18/2022     | Maturity            |                 | 2,366,787          | 3906.71000000      | 197,627   |  | 267,872                  | 241,268                                 |                   |      | 0                       |                                       | (26,604             | )267,872                                |                |                         | 0003                   |
| 140400 Call Outions COD E00   |                                      |                       |                | ACCESS / MORGAN  |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
| 140499 Call Options - S&P 500 | Liability Hedge                      | Evhihit 5             | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQQ78               | 02/19/2021    | 02/18/2022 03   | 2/18/2022     | Maturity            |                 | 7 111 922          | 3906.71000000      | 573, 151  |  | 795,888                  | 718,733                                 |                   |      | 0                       |                                       | (77, 155            | i)795.888                               |                |                         | 0003                   |
|                               | Liability neage                      | LAITIDIT 0            | Equity/ Illucx | X-CHANGE FINANCIAL   | 02/ 10/ 2021  | 02/ 10/ 2022 01 | L/ 10/ LULL   | maturity            |                 | 7,111,022          |                    | 0,00,101  |  | 700,000                  | 111111111111111111111111111111111111111 |                   |      |                         | ,                                     | (77,100             | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                |                         | 0000                   |
| 140514 Call Options - S&P 500 |                                      |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQ078                               | 02/19/2021    | 02/18/2022 02   | 2/18/2022     | Maturity            |                 | 1,209,757          | 3906.71000000      | 95,525  |  | 132,648                  | 119,789                                 |                   |      | 0                       |                                       | (12,859             | ) 132,648                               |                |                         | 0003                   |
|                               |                                      |                       |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
| 140582 Call Options - S&P 500 |                                      | F 1 11 11 F           |                | STANLEY/CLEARED  | 00 (40 (0004  | 00 (40 (0000    | 0 (40 (0000   |                     |                 | 4 000 700          | 2000 7400000       | 407.007   |  | 470.004                  | 450 740                                 |                   |      |                         | .]                                    | (47.440             | 470 004                                 |                |                         | 0000                   |
|                               | Liability Hedge                      | EXNIBIT 5             | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78 X-CHANGE FINANCIAL            | 02/19/2021    | 02/18/2022 02   | 2/18/2022     | Maturity            |                 | 1,688,780          | 3906.71000000      | 127,367   |  | 176,864                  | 159,718                                 |                   |      |                         | ' ·····                               | (17, 146            | 176,864                                 |                |                         | 0003                   |
| 140674 Call Options - S&P 500 |                                      |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   |  | 02/19/2021    | 02/18/2022 02   | 2/18/2022     | Maturity            |                 | 1,212,428          | 3906.71000000      | 95,525  |  | 132,648                  | 119,789                                 |                   |      | 0                       |                                       | (12,859             | ) 132,648                               |                |                         | 0003                   |
| 141527 Call Options - S&P 500 |                                      |                       |                |  |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
| 142062 Call Options - S&P 500 | Liability Hedge                      | Exhibit 5             | Equity/Index   |  | 02/19/2021    | 02/18/2022 02   | 2/18/2022     | maturity            |                 | 924,796            | 3906.71000000      | 76,027  |  | 104,668                  | 94,434                                  |                   |      | 0                       | ·                                     | (10,234             | 104,668                                 |                |                         | 0003                   |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                    | 02/19/2021    | 02/18/2022 02   | 2/18/2022     | Maturity            |                 | 6, 197,613         | 3906.71000000      | 304,613   |  | 693,960                  | 652,955                                 |                   |      | 0                       |                                       | (41,006             | 693,960                                 |                |                         | 0003                   |
| 139503 Call Options - S&P 500 |                                      | L                     | L              |  |               | l               |               | l                   |                 |                    |                    |   |  |                          |   |                   |      |                         | .]                                    |                     |   |                |                         |                        |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573<br>X-CHANGE FINANCIAL | 03/05/2021    | 03/04/2022 03   | 3/04/2022     | Maturity            |                 | 1,278,417          | 3841.94000000      | 103,552   |  | 162,027                  | 144, 105                                |                   |      | 0                       |                                       | (17,922             | ) 162,027                               |                |                         | 0003                   |
| 140326 Call Options - S&P 500 |                                      |                       |                | ACCESS / MORGAN  |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQQ78               | 03/05/2021    | 03/04/2022 03   | 3/04/2022     | Maturity            |                 | 1,926,553          | 3841.94000000      | 155,609   |  | 243,465                  | 216,533                                 |                   | .    | 0                       |                                       | (26,932             | 243,465                                 |                |                         | 0003                   |
| 140327 Call Options - S&P 500 |                                      |                       |                | MORGAN STANLEY & CO.   |               |                 |               |                     | 1               |                    |                    |   |  |                          |   |                   |      |                         | 1                                     |                     |   |                |                         |                        |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653<br>X-CHANGE FINANCIAL | 03/05/2021    | 03/04/2022 03   | 3/04/2022     | Maturity            |                 | 2,613,383          | 3841.94000000      | 208,761   |  | 331,222                  | 295,090                                 |                   |      | 0                       |                                       | (36, 132            | 331,222                                 |                |                         | 0003                   |
| 140507 Call Options - S&P 500 |                                      |                       |                | ACCESS / MORGAN  |               |                 |               |                     |                 |                    |                    |   |  |                          |   |                   |      |                         |                                       |                     |   |                |                         |                        |
| 140007 Call Options = 50P 500 | Liability Hedge                      | Exhibit 5             | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQQ78               | 03/05/2021    | 03/04/2022 01   | 3/04/2022     | Maturity            |                 | 7 689 254          | 3841.94000000      | 622,434   |  | 973,860                  | 866, 131                                |                   | l    | n                       | ,                                     | (107,729            | 973,860                                 |                |                         | 0003                   |
| 140560 Call Options - S&P 500 | L.willing houge                      | ZAIIIDIL O            | _quity/illuex  | MORGAN STANLEY & CO.   | 30/ 00/ 202   | 55/ 57/ 2022 Us | o, v=, 4044   | uiiif               |                 | ,,003,234          |                    |   |  | 313,000                  |   |                   | 1    |                         |                                       | (107,728            | ,                                       |                |                         |                        |
| 44500 0 11 0                  | Liability Hedge                      | Exhibit 5             | Equity/Index   |  | 03/05/2021    | 03/04/2022 03   | 3/04/2022     | Maturity            |                 | 1,227,938          | 3841.94000000      | 98,090  |  | 155,630                  | 138,653                                 |                   |      | 0                       |                                       | (16,977             | 155,630                                 |                |                         | 0003                   |
| 141508 Call Options - S&P 500 | Liability Hodge                      | Exhibit 5             | Equity/Ind-    | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 03/0E/2024    | 03/04/2022      | 3 /0.4 /2022  | Maturity            |                 | 1,091,050          | 3841.94000000      |   |  | 138,280                  | 122,985                                 |                   |      |                         | ,                                     | (15,296             | i) 138,280                              |                |                         | 0003                   |
| 141542 Call Options - S&P 500 | Liability Hedge                      | ב זווטווג ס           | Equity/Index   | DATIOLATO DANK FLC . GOGGEF/NOF31/UN39/3                       | 03/03/2021    | UU/ U4/ 2U22 U  | 0/ 04/ 2022   | maturity            |                 | 1,081,000          |                    |   |  | 130,280                  | 122,960                                 |                   |      | V                       | <u> </u>                              | (13,290             | 130,280                                 |                |                         | 0000                   |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 03/05/2021    | 03/04/2022 03   | 3/04/2022     | Maturity            |                 | 1,572,909          | 3841.94000000      | 127,406   |  | 199,352                  | 177,301                                 |                   |      | 0                       |                                       | (22,051             | ) 199,352                               |                |                         | 0003                   |
| 142067 Call Options - S&P 500 | 1 : : 1 : 4 114.                     | E-8-11-5              | Foreign (C. )  | DADOLANO DANK DI O   | 00 (05 (000 : | 00/04/0000      | 0 /04 /0000   | N- 4 : 4            |                 | 0 440 ===          | 0044 0400000       | 007   |  | 045.000                  | 004 000                                 |                   |      |                         | ,]                                    | /50 000             | 045 655                                 |                |                         | 0000                   |
| 139418 Call Options - S&P 500 | Liability Hedge                      | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573 WELLS FARGO BANK,     | 03/05/2021    | 03/04/2022 03   | 3/04/2022     | Maturity            |                 | 6, 118,765         | 3841.94000000      | 307,774   |  | 915,207                  | 861,938                                 |                   |      | 0                       | · · · · · · · · · · · · · · · · · · · | (53,269             | 915,207                                 |                |                         | 0003                   |
|                               | Liability Hedge                      | Exhibit 5             | Equity/Index   |  | 03/19/2021    | 03/18/2022 03   | 3/18/2022     | Maturity            |                 | 1,028,434          | 3913.10000000      |   |  | 144,555                  | 127,684                                 |                   |      | 0                       |                                       | (16,871             | ) 144,555                               |                |                         | 0003                   |

|                               |                             |                      |                 |  | _             | Showing             | all Op       | tions, Cap            | s, Floors,      |                    |                    | d Forwards           |                      |                          | <b>'</b>       |                   |      |                         |                        |                     |                           |                           |                         |                               |
|-------------------------------|-----------------------------|----------------------|-----------------|--|---------------|---------------------|--------------|-----------------------|-----------------|--------------------|--------------------|----------------------|----------------------|--------------------------|----------------|-------------------|------|-------------------------|------------------------|---------------------|---------------------------|---------------------------|-------------------------|-------------------------------|
| 1                             | 2                           | 3                    | 4               | 5  | 6             | 7                   | 8            | 9                     | 10              | 11                 | 12                 | 13<br>Cumulative     | 14                   | 15                       | 16             | 17                | 18   | 19                      | 20                     | 21                  | 22                        | 23                        | 24                      | 25                            |
|                               | Description                 |                      |                 |  |               |                     |              |                       |                 |                    |                    |                      | Current Year         |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
|                               | of Item(s)                  |                      |                 |  |               | D-4f                |              | la dia ata            |                 |                    | Strike<br>Price,   | Initial Cost         | Initial Cost         | 0                        |                |                   |      |                         |                        | 0                   | 0-:-                      | A -1:                     | Gain                    | Hedge                         |
|                               | Hedged,<br>Used for         | Schedule             | e Type(s)       |  |               | Date of<br>Maturity |              | Indicate<br>Exercise, |                 |                    | Rate or            | of Un-<br>discounted | of Un-<br>discounted | Considera-<br>tion       |                | Book/             |      | Unrealized              | Total Foreign          | Current<br>Year's   | Gain<br>(Loss)            | Adjustment<br>to Carrying | (Loss)                  | Effectiveness<br>at Inception |
|                               | Income                      | /                    | of              |  |               | or                  | Termina-     | Expiration,           | Number          |                    | Index              | Premium              | Premium              | Received                 | Current        | Adjusted          |      | Valuation               | Exchange               | (Amortiza-          | on                        | Value of                  | on                      | and at                        |
| Description                   | Generation<br>or Replicated | Exhibit<br>Identifie |                 | Exchange, Counterparty<br>or Central Clearinghouse     | Trade<br>Date | Expira-<br>tion     | tion<br>Date | Maturity or<br>Sale   | of<br>Contracts | Notional<br>Amount | Received<br>(Paid) | (Received)<br>Paid   | (Received)<br>Paid   | (Paid) on<br>Termination | Year<br>Income | Carrying<br>Value | Code | Increase/<br>(Decrease) | Change in<br>B./A.C.V. | tion)/<br>Accretion | Termination<br>Recognized | Hedged<br>Item            | Termination<br>Deferred | Termination<br>(b)            |
| Description                   | Of Replicated               | lacritine            | (α)             | X-CHANGE FINANCIAL                                     | Date          | tion                | Dute         | Ouic                  | Contracts       | 7 tilloulit        | (i did)            | i did                | 1 did                | TOTTIMICATION            | moonic         | Value             | Couc | (Decircuse)             | <i>D.ii</i> (          | 71001011011         | rtcoognized               | item                      | Deterred                | (5)                           |
| 140317 Call Options - S&P 500 |                             |                      |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 03/19/2021    | 03/18/2022          | 03/18/2022   | Maturity              |                 | 1, 173,930         | 3913.10000000      | 87,932               |                      | 165,006                  | 146,405        |                   |      | 0                       |                        | (18,601             | 165,006                   |                           |                         | 0003                          |
|                               |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 140407 Call Options - S&P 500 | Liability Hedge             | Evhihit 5            | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 03/10/2021    | 03/18/2022          | 12/18/2022   | Maturity              |                 | 2 247 960          | 3913.10000000      | 175,864              |                      | 330,012                  | 292,810        |                   |      | 0                       |                        | (37.202             | 330,012                   |                           |                         | 0003                          |
|                               | Liability neage             | EXIIIDIT 3           | Equity/ Illuex  | X-CHANGE FINANCIAL                                     | 00/ 13/ 202 1 | 03/ 10/ 2022        | 10/2022      | maturity              |                 | 2,047,000          | 3513.1000000       | 173,004              |                      | 300,012                  | 202,010        |                   |      |                         |                        | (57,202             | ,                         |                           |                         | 0003                          |
| 140503 Call Options - S&P 500 |                             |                      |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 03/19/2021    | 03/18/2022          | 03/18/2022   | Maturity              |                 | 7,434,890          | 3913.10000000      | 556,903              |                      | 1,045,038                | 927,232        |                   |      | 0                       |                        | (117,806            | 1,045,038                 |                           |                         | 0003                          |
| 440540 0 11 0 1: 000 500      |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 140518 Call Options - S&P 500 | Liability Hedge             | Evhihit 5            | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 03/10/2021    | 03/18/2022          | 12/18/2022   | Maturity              |                 | 1 056 550          | 3913.10000000      | 146,554              |                      | 275,010                  | 244,008        |                   |      | 0                       |                        | (31,002             | 275,010                   |                           |                         | 0003                          |
|                               | Liability neage             | EXIIIDIT 3           | Equity/ muex    | X-CHANGE FINANCIAL                                     | 03/ 19/ 202 1 | 03/ 10/ 2022        | 33/ 10/ 2022 | Maturity              |                 | 1,900,000          | 3913.10000000      | 140,334              |                      | 2/3,010                  | 244,000        |                   |      |                         |                        | (31,002             | 7 273,010                 |                           |                         | 0003                          |
| 140585 Call Options - S&P 500 |                             |                      |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 03/19/2021    | 03/18/2022          | 03/18/2022   | Maturity              |                 | 1, 173,930         | 3913.10000000      | 87,932               |                      | 165,006                  | 146,405        |                   |      | 0                       |                        | (18,601             | 165,006                   |                           |                         | 0003                          |
| 440050 0 11 0 1: 000 500      |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 140658 Call Options - S&P 500 | Liability Hedge             | Eubibi+ E            | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 02/10/2021    | 02/10/2022          | 02/10/2022   | Maturitu              |                 | 1 172 020          | 3913.10000000      | 87.932               |                      | 165,006                  | 146 405        |                   |      | 0                       |                        | (18,601             | ) 165,006                 |                           |                         | 0003                          |
| 142066 Call Options - S&P 500 | Liability neuge             | EXIIIDIT 3           | Equity/ index   | innuudn cau shrarisurkisuquzquro                       | 03/ 19/ 202 1 | 03/ 10/ 2022        | 13/ 10/ 2022 | Maturity              |                 | 1, 1/3,830         | 3913.10000000      | 07,902               |                      | 103,000                  | 140,400        |                   |      |                         |                        | (10,001             | 100,000                   |                           |                         | 0003                          |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573               | 03/19/2021    | 03/18/2022          | 03/18/2022   | Maturity              |                 | 6,452,179          | 3913.10000000      | 501,560              |                      | 786,327                  | 680,228        |                   |      | 0                       |                        | (106,099            | 786,327                   |                           |                         | 0003                          |
|                               |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 139992 Call Options - S&P 500 | Lishilitu Hadaa             | Eubibi+ E            | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 04/06/2021    | 04/06/2022          | 14 /06 /2022 | Maturitu              |                 | 1 202 102          | 4073.94000000      | 81,890               |                      | 122, 163                 | 100,625        |                   |      | 0                       |                        | (21,538             | ) 122, 163                |                           |                         | 0003                          |
|                               | Liability Hedge             | EXHIBIT 5            | Equity/index    | X-CHANGE FINANCIAL                                     | 04/06/2021    | 04/06/2022          | 14/06/2022   | maturity              |                 | 1,222,182          | 40/3.9400000       | 01,090               |                      | 122, 103                 | 100,620        |                   |      |                         |                        | (21,538)            | 122, 103                  |                           |                         | 0003                          |
| 140522 Call Options - S&P 500 |                             |                      |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 04/06/2021    | 04/06/2022          | 04/06/2022   | Maturity              |                 | 2,851,758          | 4073.94000000      | 191,077              |                      | 285,047                  | 234,791        |                   |      | 0                       |                        | (50,256             | 285,047                   |                           |                         | 0003                          |
|                               |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 140597 Call Options - S&P 500 | Lishilitu Hadaa             | Eubibi+ E            | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 04/06/2021    | 04/06/2022          | 14 /06 /2022 | Maturitu              |                 | 10 000 620         | 4073.94000000      | 737.011              |                      | 1.099.467                | 905.623        |                   |      | 0                       |                        | (193,844            | 1.099.467                 |                           |                         | 0003                          |
|                               | Liability Hedge             | EXIIIDIT 3           | Equity/ index   | X-CHANGE FINANCIAL                                     | 04/00/2021    | 04/00/2022          | 14/00/2022   | Maturity              |                 | 10,999,000         | 40/3.9400000       | /3/,011              |                      | 1,099,407                | 900,023        |                   |      |                         |                        | (133,044            | 1,039,407                 |                           |                         | 0003                          |
| 140664 Call Options - S&P 500 |                             |                      |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 04/06/2021    | 04/06/2022          | 04/06/2022   | Maturity              |                 | 2,036,970          | 4073.94000000      | 136,484              |                      | 203,605                  | 167,708        |                   |      | 0                       |                        | (35,897             | 203,605                   |                           |                         | 0003                          |
|                               |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 140679 Call Options - S&P 500 | 1 (ab 11) b                 | C.A. IA E            | Foreign (Indian | STANLEY/CLEARED  | 04/00/0004    | 04/00/0000          | M /00 /0000  | M-4                   |                 | 1 000 570          | 4070 04000000      | 109.187              |                      | 162.884                  | 134 166        |                   |      |                         |                        | (00.740             | 100 004                   |                           |                         | 0000                          |
|                               | Liability Hedge             | EXHIBIT 5            | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3UQJZQO78<br>X-CHANGE FINANCIAL | 04/00/2021    | 04/00/2022          | 14/00/2022   | maturity              |                 | 1,029,5/6          | 4073.94000000      | 109, 187             |                      | 102,884                  | 134, 166       |                   |      |                         |                        | (28,718             | 162,884                   |                           |                         | 0003                          |
| 140724 Call Options - S&P 500 |                             |                      |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                     |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 04/06/2021    | 04/06/2022          | 04/06/2022   | Maturity              |                 | 814,788            | 4073.94000000      | 54,593               |                      | 81,442                   | 67,083         |                   |      | 0                       |                        | (14,359             | 81,442                    |                           |                         | 0003                          |
| 140700 O-11 O-1 COD FOO       |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 140728 Call Options - S&P 500 | Liability Hedge             | Evhihit F            | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 04/06/2021    | 04/06/2022          | M /06 /2022  | Maturity              |                 | 1 222 102          | 4073.94000000      | 81,890               |                      | 122, 163                 | 100,625        |                   |      |                         |                        | (21,538             | ) 122, 163                |                           |                         | 0003                          |
| 142069 Call Options - S&P 500 | Liautifity neuge            | ב זווטווג ב          | Equity/index    | minocuri obo snrar i sorri 304024078                   | 04/00/2021    | U+/ UU/ 2U22        | r+/ UU/ ZUZZ | maturity              |                 | 1,222,182          | 40/3.94000000      | 01,890               |                      | 122, 103                 | 100,020        |                   |      | U                       |                        | (21,538             | 122, 103                  |                           |                         | 0000                          |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573               | 04/06/2021    | 04/06/2022          | 04/06/2022   | Maturity              |                 | 7,861,156          | 4073.94000000      | 314,446              |                      | 726,674                  | 643,970        |                   |      | 0                       |                        | (82,704             | 726,674                   |                           |                         | 0003                          |
| 100070 0-11 0-11              |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 139973 Call Options - S&P 500 |                             | Evhihit F            | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 04/20/2021    | 04/20/2022          | M /20 /2022  | Maturity              |                 | 1 653 076          | 4134.94000000      | 114,791              |                      | 129,804                  | QE 040         |                   |      |                         |                        | (34,594             | )129,804                  |                           |                         | 0003                          |
| 140561 Call Options - S&P 500 | Liability Hedge             | EXIIIDIT 5           | Equity/Index    | WELLS FARGO BANK,                                      | 04/20/2021    | 04/20/2022          | r+1 2U1 2U22 | md tui i tý           |                 | 1,003,9/6          | 4 134.94000000     | 114,/91              |                      | 129,804                  | 95,210         |                   |      |                         |                        | (34,594             | ,129,604                  |                           |                         | 0000                          |
|                               | Liability Hedge             | Exhibit 5            | Equity/Index    | N.A. KB1H1DSPRFMYMCUFXT09                              | 04/20/2021    | 04/20/2022          | 04/20/2022   | Maturity              |                 | 2,638,474          | 4134.94000000      | 186,092              |                      | 207,067                  | 150,985        |                   |      | 0                       |                        | (56,082             | 207,067                   |                           |                         | 0003                          |
| 440F00 0 11 0                 |                             |                      |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |               |                     |              |                       |                 |                    |                    |                      |                      |                          |                |                   |      |                         |                        |                     |                           |                           |                         |                               |
| 140589 Call Options - S&P 500 |                             | Eubibit 5            | Emitu/Ic-       | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 04/20/2004    | 04/20/2002          | 14 /20 /2022 | Maturitu              |                 | 0 000 000          | 4134.94000000      | 573.954              |                      | 649,020                  | 476.048        |                   |      | _                       |                        | (172,972            | 649.020                   |                           |                         | 0002                          |
|                               | LIGOTTILY HOUSE             | I ⊏VIII DIII D       | Lquity/IIIdeX   |  | U4/ 4U/ 4U2 I | U4/ 4U/ 4U44        | 71 401 4044  | imutuiity             |                 | 1 0,200,000        | 1                  |                      |                      | 1                        | 470,048        | 1                 | 1    | U                       |                        | 114,312             | /a                        |                           |                         |                               |

# SCHEDULE DB - PART A - SECTION 2 Showing all Ontions Cans Floors Collars Swans and Forwards Terminated During Current Year

|                               |                                |              |               |  |                            | 5             | Showing a           | II Opt         | tions, Cap                 | os, Floors,  | Collars, S | Swaps and         | d Forwards  | s Termina                              | ted During            | Current \       | ∕ear                 |      |                        |                       |                      |                   |                    |                   |                        |
|-------------------------------|--------------------------------|--------------|---------------|--|----------------------------|---------------|---------------------|----------------|----------------------------|--------------|------------|-------------------|---|--|-----------------------|-----------------|----------------------|------|------------------------|-----------------------|----------------------|-------------------|--------------------|-------------------|------------------------|
| 1                             | 2                              | 3            | 4             | 5  |                            | 6             | 7                   | 8              | 9                          | 10           | 11         | 12                | 13  | 14                                     | 15                    | 16              | 17                   | 18   | 19                     | 20                    | 21                   | 22                | 23                 | 24                | 25                     |
|                               | Description of Item(s) Hedged, |              |               |  |                            |               | Date of             |                | Indicate                   |              |            | Strike<br>Price,  | Cumulative<br>Prior Year(s)<br>Initial Cost<br>of Un- | Current Year<br>Initial Cost<br>of Un- | Considera-            |                 |                      |      |                        |                       | Current              | Gain              | Adjustment         | Gain              | Hedge<br>Effectiveness |
|                               | Used for                       | Schedule     |               |  |                            |               | Maturity            |                | Exercise,                  |              |            | Rate or           | discounted  | discounted                             | tion                  |                 | Book/                |      | Unrealized             |                       | Year's               | (Loss)            | to Carrying        | (Loss)            | at Inception           |
|                               | Income<br>Generation           | /<br>Exhibit | of<br>Risk(s) | Exchange, C  | ounterparty                | Trade         |                     | rmina-<br>tion | Expiration,<br>Maturity or | Number<br>of | Notional   | Index<br>Received | Premium<br>(Received)                                 | Premium<br>(Received)                  | Received<br>(Paid) on | Current<br>Year | Adjusted<br>Carrying |      | Valuation<br>Increase/ | Exchange<br>Change in | (Amortiza-<br>tion)/ | on<br>Termination | Value of<br>Hedged | on<br>Termination | and at<br>Termination  |
| Description                   | or Replicated                  | Identifie    |               | or Central Cle   |                            | Date          |                     | Date           | Sale                       | Contracts    | Amount     | (Paid)            | Paid  | Paid                                   | Termination           | Income          | Value                | Code | (Decrease)             |                       | Accretion            | Recognized        | Item               | Deferred          | (b)                    |
|                               |                                |              |               | X-CHANGE FINANCIAL   |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
| 140661 Call Options - S&P 500 | 0                              |              |               | ACCESS / MORGAN<br>STANLEY/CLEARED                               |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
|                               | Liability Hedge                | Exhibit 5    | Equity/Inde   |  | 9R7GPTS07KV3UQJZQ078       | 04/20/2021    | 04/20/2022 04/      | 20/2022        | Maturity                   |              | 1,653,976  | 4134.94000000     | 114,791   |  | 129,804               | 95,210          |                      |      | 0                      |                       | (34,594)             | 129,804           |                    |                   | 0003                   |
| 140677 Call Options - S&P 500 |                                |              |               | STANLEY/CLEARED  |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
| 141863 Call Options - S&P 500 | Liability Hedge                | Exhibit 5    | Equity/Inde:  | WELLS FARGO BANK,  | 9R7GPTS07KV3UQJZQ078       | 04/20/2021    | 04/20/2022 04/      | 20/2022        | Maturity                   |              | 1,240,482  | 4134.94000000     | 86,093  |  | 97,353                | 71,407          |                      |      | 0                      |                       | (25,946)             | 97,353            |                    |                   | 0003                   |
|                               | Liability Hedge                | Exhibit 5    | Equity/Inde:  |  | KB1H1DSPRFMYMCUFXT09       | 04/20/2021    | 04/20/2022 04/      | 20/2022        | Maturity                   |              | 2,500,949  | 4134.94000000     | 176,642   |  | 196,274               | 143,040         |                      |      | 0                      |                       | (53,235)             | 196, 274          |                    |                   | 0003                   |
| 142068 Call Options - S&P 500 |                                |              |               | WELLS FARGO BANK,  |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
|                               | Liability Hedge                | Exhibit 5    | Equity/Inde:  | X N.A  | KB1H1DSPRFMYMCUFXT09       | 04/20/2021    | 04/20/2022 04/      | 20/2022        | Maturity                   |              | 6,909,399  | 4134.94000000     | 286,049   |  | 471,368 .             | 385, 162        |                      |      | 0                      |                       | (86,207)             | 471,368           |                    |                   | 0003                   |
| 140024 Call Options - S&P 500 | Liability Hedge                | Evhihit 5    | Equity/Inde   | STANLEY/CLEARED THROUGH CBO                                      | 00700T007KV9II0 I70070     | 05/06/2021    | 05/06/2022 05/      | ne/2022        | Expiry                     |              | 1 690 649  | 4201.62000000     | 113,619   |  |                       | (39,222         |                      |      | 0                      |                       | (39,222)             |                   |                    |                   | 0003                   |
| 140321 Call Options - S&P 500 |                                | LAIIIDIT     | Equity/ mue.  | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                            | 317 U 1307 N 300 QUE QUY O | 00/00/2021    | 03/00/2022 03/      | 00/2022        | Expiry                     |              | 1,000,040  | 4201.02000000     | 7 113,018   |  |                       | (05,222         |                      |      |                        |                       | (55,222)             |                   |                    |                   | 0003                   |
| 140321 Call Options = 30F 300 | Liability Hedge                | Exhibit 5    | Equity/Inde:  | STANLEY/CLEARED THROUGH CBO                                      | 9R7GPTS07KV3UQJZQ078       | 05/06/2021    | 05/06/2022 05/      | 06/2022        | Expiry                     |              | 2.100.810  | 4201.62000000     | 142.024   |  | ll                    | (49,027         | ,                    |      | 0                      |                       | (49.027)             |                   | l                  |                   | 0003                   |
| 140573 Call Options - S&P 500 |                                |              |               | MORGAN STANLEY & CO.   |                            |               |                     |                | ,                          |              | , ,        |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
|                               | Liability Hedge                | Exhibit 5    | Equity/Inde:  | X INTERNATIONAL PLC . /<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN | 4PQUHN3JPFGFNF3BB653       | 05/06/2021    | 05/06/2022 05/      | 06/2022        | Expiry                     |              | 2,488,027  | 4201.62000000     | 172,910   |  |                       | (59,690         | )                    |      | 0                      |                       | (59,690)             |                   |                    |                   | 0003                   |
| 140626 Call Options - S&P 500 |                                |              |               | STANLEY/CLEARED  |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
|                               | Liability Hedge                | Exhibit 5    | Equity/Inde:  | X THROUGH CBO !<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN         | 9R7GPTS07KV3UQJZQ078       | 05/06/2021    | 05/06/2022 05/      | 06/2022        | Expiry                     |              | 8,823,402  | 4201.62000000     | 596,499   |  |                       | (205,915        | )                    |      | 0                      |                       | (205,915)            |                   |                    |                   | 0003                   |
| 140669 Call Options - S&P 500 |                                | Exhibit 5    | Equity/Inde   | STANLEY/CLEARED THROUGH CBO                                      | 00700700701010170070       | 05/00/2021    | 0E /0E /0000   0E / | ne /2022       | Expiry                     |              | 0 100 010  | 4201.62000000     | 142,024   |  |                       | (49,027         |                      |      | 0                      |                       | (49,027)             |                   |                    |                   | 0003                   |
| 140001 0-11 0-1: 00D F00      |                                | EXIIIDIL     | Equity/inde.  | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                            | 9870F1307N13040Z4076       | 03/00/2021    | 03/00/2022 03/      | 00/2022        | Expiry                     |              | 2, 100,610 | 4201.02000000     | 142,024   |  |                       | (49,027         | 1                    |      |                        |                       | (49,027)             |                   |                    |                   | 0003                   |
| 140681 Call Options - S&P 500 | Liability Hedge                | Exhibit 5    | Fauity/Inde   | STANLEY/CLEARED  THROUGH CBO                                     | 9R7GPTS07KV3UQJZQ078       | 05/06/2021    | 05/06/2022 05/      | 06/2022        | Expiry                     |              | 1 680 648  | 4201.62000000     | 113,619   |  |                       | (39.222         | ,                    |      | 0                      |                       | (39.222)             |                   |                    |                   | 0003                   |
| 141865 Call Options - S&P 500 |                                | LMITOT O     | Equity, mass  | WELLS FARGO BANK,  | 011 G 10011100 G02 G010    | 00, 00, 202 1 | 00, 00, 2022        | 00, 2022       | _xp,                       |              | 1,000,010  | 111 1201.0200000  |   |  |                       |                 | 1                    |      |                        |                       | (00,222)             |                   |                    |                   |                        |
| 142071 Call Options - S&P 500 | Liability Hedge                | Exhibit 5    | Equity/Inde:  |  | KB1H1DSPRFMYMCUFXT09       | 05/06/2021    | 05/06/2022 05/      | 06/2022        | Expiry                     |              | 1,667,383  | 4201.62000000     | 116,050   |  | -                     | (40,061         | )                    |      | 0                      |                       | (40,061)             |                   |                    |                   | 0003                   |
| 142071 Call Options - Sui 300 | Liability Hedge                | Exhibit 5    | Equity/Inde   | WELLS FARGO BANK, N.A  | KB1H1DSPRFMYMCUFXT09       | 05/06/2021    | 05/06/2022 05/      | 06/2022        | Maturity                   |              | 8,461,296  | 4201.62000000     | 346,913   |  | 488, 121              | 368,365         |                      |      | 0                      |                       | (119,756)            | 488 , 121         |                    |                   | 0003                   |
| 140023 Call Options - S&P 500 | 0                              |              |               | ACCESS / MORGAN<br>STANLEY/CLEARED                               |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
|                               | Liability Hedge                | Exhibit 5    | Equity/Inde   | THROUGH CBO  | 9R7GPTS07KV3UQJZQ078       | 05/20/2021    | 05/20/2022 05/      | 20/2022        | Expiry                     |              | 1,247,736  | 4159.12000000     | 86,099  |  |                       | (33,024         | )                    |      | 0                      |                       | (33,024)             |                   |                    |                   | 0003                   |
|                               |                                |              |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                            |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
| 140524 Call Options - S&P 500 |                                |              | 5             | STANLEY/CLEARED  | 070070070070010010070      | 05 (00 (0004  | 05 (00 (0000        | 00/0000        |                            |              | 0.070.500  | 4450 4000000      | 440 400   |  |                       | (55.044         |                      |      |                        |                       | (55.044)             |                   |                    |                   | 0000                   |
|                               | Liability Hedge                | Exhibit 5    | Equity/inde   | X THROUGH CBO S<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN         | 9R7GPTS07KV3UQJZQ078       | 05/20/2021    | 05/20/2022 05/      | 20/2022        | Expiry                     |              | 2,0/9,560  | 4159.12000000     | 143,499   |  |                       | (55,041         | )                    |      | 0                      |                       | (55,041)             |                   |                    |                   | 0003                   |
| 140621 Call Options - S&P 500 |                                | Exhibit 5    | F: 4 / I do.  | STANLEY/CLEARED  | 9R7GPTS07KV3UQJZQ078       | 05 (00 (0004  | 05 (00 (0000 05 (   | 00/0000        | F                          |              | C 000 C00  | 4159.12000000     | 30. 496   |  |                       | (165, 122       |                      |      |                        |                       | (165, 122)           |                   |                    |                   | 0000                   |
|                               | Liability Hedge                | EXHIBIT S    | Equity/inde   | X-CHANGE FINANCIAL   | 98/02/50/1/30/02/0/8       | 05/20/2021    | 05/20/2022 05/      | 20/2022        | Expiry                     |              | 0,238,080  | 4 159. 12000000   | 430,490   |  |                       | (100, 122       |                      |      |                        |                       | (100, 122,           |                   |                    |                   | 0003                   |
| 140665 Call Options - S&P 500 | 0                              |              |               | ACCESS / MORGAN<br>STANLEY/CLEARED                               |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
|                               | Liability Hedge                | Exhibit 5    | Equity/Inde   | X THROUGH CBO !<br>X-CHANGE FINANCIAL                            | 9R7GPTS07KV3UQJZQ078       | 05/20/2021    | 05/20/2022 05/      | 20/2022        | Expiry                     |              | 2,495,472  | 4159.12000000     | 172, 198  |  |                       | (66,049         | )                    |      | 0                      |                       | (66,049)             |                   |                    |                   | 0003                   |
| 140725 Call Options - S&P 500 | 0                              |              |               | ACCESS / MORGAN<br>STANLEY/CLEARED                               |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
|                               | Liability Hedge                | Exhibit 5    | Equity/Inde:  | X THROUGH CBO !<br>X-CHANGE FINANCIAL                            | 9R7GPTS07KV3UQJZQ078       | 05/20/2021    | 05/20/2022 05/      | 20/2022        | Expiry                     |              | 831,824    | 4159.12000000     | 57,399  |  |                       | (22,016         | )                    |      | 0                      |                       | (22,016)             |                   |                    |                   | 0003                   |
| 140732 Call Options - S&P 500 | 0                              |              |               | ACCESS / MORGAN<br>STANLEY/CLEARED                               |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |
| 141558 Call Options - S&P 500 | Liability Hedge                | Exhibit 5    | Equity/Inde:  |  | 9R7GPTS07KV3UQJZQ078       | 05/20/2021    | 05/20/2022 05/      | 20/2022        | Expiry                     |              | 2,079,560  | 4159.12000000     | 143,499   |  | -                     | (55,041         | )                    |      | 0                      |                       | (55,041)             |                   |                    |                   | 0003                   |
| 141000 Uail Options - Sar 300 | Liability Hedge                | Exhibit 5    | Equity/Inde   | WELLS FARGO BANK,<br>N.A   | KB1H1DSPRFMYMCUFXT09       | 05/20/2021    | 05/20/2022 05/      | 20/2022        | Expiry                     |              | 902.025    | 4159.12000000     | 64,639  |  |                       | (24,793         | )                    |      | 0                      |                       | (24,793)             |                   |                    |                   | 0003                   |
| 142070 Call Options - S&P 500 | D<br>Liability Hedge           | Exhibit 5    |               | WELLS FARGO BANK,  | KB1H1DSPRFMYMCUFXT09       |               |                     |                | Maturity                   |              |            | 4159.12000000     |   |  | 371,225               | 264,020         |                      |      | 0                      |                       | (107,205)            | 371,225           |                    |                   | 0003                   |
| 141302 Call Options - S&P 500 | D<br>Liability Hedge           | Exhibit 5    | Fauity/Inde   | x BARCLAYS BANK PLC . (  | G5GSEF7VJP5170UK5573       | 06/04/2021    | 06/06/2022 06/      | n6/2022        | Expiry                     |              | 7.487.197  | 4229.89000000     | 509.129   |  |                       | (217.802        | ,                    | l    | n                      |                       | (217.802)            |                   |                    |                   | 0003                   |
|                               |                                |              |               |  |                            |               |                     |                |                            |              |            |                   |   |  |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                        |

|  |                          |                       |                |  | ;          | Showing             | all Op       | tions, Cap                            | s, Floors, | Collars, S                              | Swaps and         | d Forwards           | Termina              | ted During         | Current \ | ⁄ear     |      |            |                     |                   |                |                        |                |                               |
|--|--------------------------|-----------------------|----------------|--|------------|---------------------|--------------|---------------------------------------|------------|---|-------------------|----------------------|----------------------|--------------------|-----------|----------|------|------------|---------------------|-------------------|----------------|------------------------|----------------|-------------------------------|
| 1  | 2                        | 3                     | 4              | 5  | 6          | 7                   | 8            | 9                                     | 10         | 11                                      | 12                | 13<br>Cumulative     | 14                   | 15                 | 16        | 17       | 18   | 19         | 20                  | 21                | 22             | 23                     | 24             | 25                            |
|  | Description              |                       |                |  |            |                     |              |                                       |            |   |                   | Prior Year(s)        | Current Year         |                    |           |          |      |            |                     |                   |                |                        |                |                               |
|  | of Item(s)               |                       |                |  |            |                     |              |                                       |            |   | Strike            | Initial Cost         | Initial Cost         |                    |           |          |      |            |                     |                   |                |                        |                | Hedge                         |
|  | Hedged,<br>Used for      | Schedule              | Type(s)        |  |            | Date of<br>Maturity |              | Indicate<br>Exercise,                 |            |   | Price,<br>Rate or | of Un-<br>discounted | of Un-<br>discounted | Considera-<br>tion |           | Book/    |      | Unrealized | Total Foreign       | Current<br>Year's | Gain<br>(Loss) | Adjustment to Carrying | Gain<br>(Loss) | Effectiveness<br>at Inception |
|  | Income                   | /                     | of             |  |            |                     | Termina-     | Expiration,                           | Number     |   | Index             | Premium              | Premium              | Received           | Current   | Adjusted |      | Valuation  | Exchange            | (Amortiza-        | on             | Value of               | on             | and at                        |
| Description                                  | Generation               | Exhibit<br>Identifier | Risk(s)        | Exchange, Counterparty<br>or Central Clearinghouse             | Trade      | Expira-             | tion         | Maturity or                           | of         | Notional                                | Received          | (Received)           | (Received)           | (Paid) on          | Year      | Carrying | 0-4- | Increase/  | Change in B./A.C.V. | tion)/            | Termination    | Hedged                 | Termination    |                               |
| Description<br>141303 Call Options - S&P 500 | or Replicated            | identifier            | (a)            | or Central Cleaninghouse                                       | Date       | tion                | Date         | Sale                                  | Contracts  | Amount                                  | (Paid)            | Paid                 | Paid                 | Termination        | Income    | Value    | Code | (Decrease) | B./A.C.V.           | Accretion         | Recognized     | Item                   | Deferred       | (b)                           |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 06/04/2021 | 06/06/2022          | 06/06/2022   | Expiry                                |            | 3,206,957                               | 4229.89000000     | 218,073              |                      |                    | (93,290   | )        |      | 0          |                     | (93,290           | ))             |                        |                | 0003                          |
| 141304 Call Options - S&P 500                |                          |                       |                |  |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
| 141305 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 06/04/2021 | 06/06/2022          | 06/06/2022   | Expiry                                |            | 1,378,514                               | 4229.89000000     | 93,739               |                      |                    | (40, 101  | )        |      | 0          |                     | (40, 101          | 1)             |                        |                | 0003                          |
| THOSE CATT OPTIONS CAI GOS                   | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 06/04/2021 | 06/06/2022          | 06/06/2022   | Expiry                                |            | 1, 178,997                              | 4229.89000000     | 80, 172              |                      |                    | (34, 297  | )        |      | 0          |                     | (34,297           | ")             |                        |                | 0003                          |
| 141306 Call Options - S&P 500                | , ,                      |                       | , ,            |  |            |                     |              | , ,                                   |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
| 141800 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   |  | 06/04/2021 | 06/06/2022          | 06/06/2022   | Expiry                                |            | 1,386,976                               | 4229.89000000     | 94,314               |                      |                    | (40,347   | )        |      | 0          |                     | (40,347           | ')             |                        |                | 0003                          |
| 141000 Carr options - our 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                    | 06/04/2021 | 06/06/2022          | 06/06/2022   | Expiry                                |            | 2,656,339                               | 4229.89000000     | 180 . 100            |                      |                    | (77.045   |          |      | 0          |                     | (77.045           | 5)             |                        |                | 0003                          |
| 141801 Call Options - S&P 500                | Liability nouge illining | EMITOT O              | Equity/ moor   | WELLS FARGO BANK,  | 00,01,202  | 00, 00, 2022        | 00, 00, 2022 | L.,                                   |            | 2,000,000                               |                   | 100,100              |                      |                    | (77,010   | 1        |      |            |                     | (77,010           | ,,,            |                        |                |                               |
| 149079 0-11 0-1: 000 500                     | Liability Hedge          | Exhibit 5             | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09                                      | 06/04/2021 | 06/06/2022          | 06/06/2022   | Expiry                                |            | 3, 182,090                              | 4229.89000000     | 215,746              |                      |                    | (92,294   | )        |      | 0          | ļ                   | (92,294           | 1)             |                        |                | 0003                          |
| 142072 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                    | 06/04/2021 | 06/06/2022          | ne /ne /2022 | Maturity                              |            | 9,268,170                               | 4229.89000000     | 353, 117             |                      |                    | 298. 287  |          |      |            |                     | (151.061          | 1)             |                        |                | 0003                          |
|  | Liability neuge          | EXIIIDIT 3            | Equity/index   | X-CHANGE FINANCIAL   | 00/04/2021 | 00/00/2022          | 00/00/2022   | maturity                              |            | 9,200,170                               | 4229.09000000     | 333, 117             |                      | 449,340            | 290,207   |          |      |            |                     | (131,001          | 1)449,340      |                        |                | 0003                          |
| 140922 Call Options - S&P 500                |                          |                       |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                               | 06/18/2021 | 06/17/2022          | 06/17/2022   | Expiry                                |            | 1,666,580                               | 4166.45000000     | 115,492              |                      |                    | (53,304   | )        |      | 0          |                     | (53,304           | 1)             |                        |                | 0003                          |
|  |                          |                       |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
| 140924 Call Options - S&P 500                |                          |                       |                | STANLEY/CLEARED  |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL         | 06/18/2021 | 06/17/2022          | 06/17/2022   | Expiry                                |            | 2,083,225                               | 4166.45000000     | 144, 365             |                      |                    | (66,630   | )        |      | 0          |                     | (66,630           | ))             |                        |                | 0003                          |
| 140925 Call Options - S&P 500                |                          |                       |                | ACCESS / MORGAN  |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
| 140020 0811 Options - 381 300                | Liability Hedge          | Exhibit 5             | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQO78               | 06/18/2021 | 06/17/2022          | 06/17/2022   | Expiry                                |            | 2.083.225                               | 4166.45000000     | 144, 365             |                      |                    | (66.630   | )        |      | 0          |                     | (66,630           | ))             |                        |                | 0003                          |
| 141294 Call Options - S&P 500                |                          |                       |                |  |            |                     |              |                                       |            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                   | ,                    |                      |                    | (,        |          |      |            |                     |                   |                |                        |                |                               |
| 141007 O-11 O-11 00D F00                     | Liability Hedge          | Exhibit 5             | Equity/Index   | BNP PARIBAS LONDON ROMUWSFPU8MPRO8K5P83                        | 06/18/2021 | 06/17/2022          | 06/17/2022   | Expiry                                |            | 1,980,589                               | 4166.45000000     | 136,265              |                      |                    | (62,891   | )        |      | 0          |                     | (62,891           | 1)             |                        |                | 0003                          |
| 141807 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                    | 06/18/2021 | 06/17/2022          | 06/17/2022   | Expiry                                |            | 1,358,935                               | 4166.45000000     | 92.543               |                      |                    | (42,712   |          |      | 0          |                     | (42,712           | 2)             |                        |                | 0003                          |
| 141808 Call Options - S&P 500                | Liability neage          | LAITIDIT 0            | Equity/ muc/   | N.A. KB1H1DSPRFMYMCUFXT09 WELLS FARGO BANK,                    | 00/10/202  | 00/11/2022          | 00/11/2022   | Expiry                                |            | 1,000,000                               | 100. 1000000      |                      |                      |                    | (42,712   | 1        |      |            |                     |                   |                |                        |                | 0000                          |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09                                      | 06/18/2021 | 06/17/2022          | 06/17/2022   | Expiry                                |            | 9,024,258                               | 4166.45000000     | 615,454              |                      |                    | (284,056  | i)       |      | 0          |                     | (284,056          | 3)             |                        |                | 0003                          |
| 141809 Call Options - S&P 500                | Lishilitu Hadaa          | Cubibi+ E             | Emitu/Index    | WELLS FARGO BANK,  | 06/10/2021 | 06/17/2022          | 06/17/2022   | Evairo                                |            | 1 072 710                               | 4166.45000000     | 79 994               |                      |                    | (33,847   |          |      | 0          |                     | (33,847           | 7)             |                        |                | 0000                          |
| 141810 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09 WELLS FARGO BANK,                    | 06/18/202  | 00/1//2022          | 06/1//2022   | Expiry                                |            | 1,073,710                               | 4 100 . 40000000  | 73,334               |                      |                    | (33,84/   | /        |      |            |                     | (33,84/           | )              |                        |                | 0003                          |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   |  | 06/18/2021 | 06/17/2022          | 06/17/2022   | Expiry                                |            | 950,506                                 | 4166.45000000     | 64,920               |                      |                    | (29,963   | )        |      | 0          |                     | (29,963           | 3)             |                        |                | 0003                          |
| 142073 Call Options - S&P 500                |                          |                       |                |  |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573<br>X-CHANGE FINANCIAL | 06/18/2021 | 06/21/2022          | U6/21/2022   | Maturity                              |            | 8,024,842                               | 4166.45000000     | 332,309              |                      | 376,794            | 221,476   |          |      | 0          | ·····               | (155,318          | 376,794        |                        |                | 0003                          |
| 141116 Call Options - S&P 500                |                          |                       |                | ACCESS / MORGAN  |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078               | 07/06/2021 | 07/06/2022          | 07/06/2022   | Expiry                                |            | 1,303,062                               | 4343.54000000     |                      |                      |                    | (45,530   | )        |      | 0          |                     | (45,530           | ))             |                        |                | 0003                          |
| 141344 Call Options - S&P 500                |                          |                       |                |  |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
| 141346 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 07/06/2021 | 07/06/2022          | 07/06/2022   | Expiry                                |            | 1,618,142                               | 4343.54000000     | 113,270              |                      |                    | (58,031   | )        |      | 0          |                     | (58,031           |                |                        |                | 0003                          |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 07/06/2021 | 07/06/2022          | 07/06/2022   | Expiry                                |            | 1,330,584                               | 4343.54000000     | 93, 141              |                      |                    | (47,719   | )        |      | 0          |                     | (47,719           | 9)             |                        |                | 0003                          |
| 141709 Call Options - S&P 500                |                          |                       |                | MORGAN STANLEY & CO.   |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   |                |                        |                |                               |
| 141710 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                       | 07/06/2021 | 07/06/2022          | 07/06/2022   | Expiry                                |            | 2, 119,517                              | 4343.54000000     | 139,403              |                      |                    | (71,420   | )        |      | 0          |                     | (71,420           | ))             |                        |                | 0003                          |
| 1417 10 Gall Options - Sul Soo               | Liability Hedge          | Exhibit 5             | Equity/Index   | MORGAN STANLEY & CO. INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653  | 07/06/2021 | 07/06/2022          | 07/06/2022   | Expiry                                |            | 1, 129,848                              | 4343.54000000     | 74,312               |                      |                    | (38,072   | )        |      | 0          |                     | (38,072           | 2)             |                        |                | 0003                          |
| 141711 Call Options - S&P 500                | , , , , , ,              |                       | , ,, ,,        | MORGAN STANLEY & CO.   |            |                     |              | ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' |            |   |                   |                      |                      |                    | ,         | 1        | 1    |            |                     |                   | ]              |                        |                |                               |
| 141830 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                       | 07/06/2021 | 07/06/2022          | 07/06/2022   | Expiry                                |            | 8,759,158                               | 4343.54000000     | 576, 101             |                      |                    | (295, 153 | )        |      | 0          |                     | (295, 153         | 3)             |                        |                | 0003                          |
| 141030 Call Uptions - SaP 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                    | 07/06/2021 | 07/06/2022          | 07/06/2022   | Expiry                                |            | 1,415,775                               | 4343.54000000     | 93,016               |                      |                    | (47.655   | 2        | l    | n          |                     | (47,655           | 5)             |                        |                | 0003                          |
| 142074 Call Options - S&P 500                | L.autility houge         | ZAIIIDIL O            | Lyan cy/ mide) | NO ILLIBOLIS MINICOPATOS                                       | 017007202  | 31700/2022          | 0.700/2022   | LAP117                                |            | 1,410,770                               | 0-0.04000000      | 55,010               |                      |                    | (47,000   | 1        |      |            |                     | (47,000           | 7              |                        |                |                               |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 07/06/2021 | 07/06/2022          | 07/06/2022   | Maturity                              |            | 7,568,358                               | 4343.54000000     | 302,734              |                      | 86,929             | (68, 170  | )        |      | 0          |                     | (155,099          | 9)             |                        |                | 0003                          |
| 141373 Call Options - S&P 500                | 1 (-b (1) b () -d        | Cabibia C             | F:4 (11        | DADOLAVO DANK DLO. OFFORETURE TO WEETO                         | 07/00/000  | 07/00/0000          | 07/00/0000   | For inc                               |            | 1 071 510                               | 4000 00000000     | 100,000              |                      |                    | (7E 000   |          |      | _          |                     | (7E 000           | ,              |                        |                | 0000                          |
| 141374 Call Options - S&P 500                | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 07/20/2021 | 07/20/2022          | 01/20/2022   | Expiry                                |            | 1,971,542                               | 4323.06000000     | 138,008              |                      |                    | (75,999   |          |      | 0          |                     | (75,999           | "              |                        |                | 0003                          |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 07/20/2021 | 07/20/2022          | 07/20/2022   | Expiry                                |            | 9,206,983                               | 4323.06000000     | 644,489              |                      |                    | (354,910  | )        |      | 0          |                     | (354,910          | ))             |                        |                | 0003                          |
| 141497 Call Options - S&P 500                |                          |                       |                |  |            |                     |              |                                       |            |   |                   |                      |                      |                    |           |          |      |            |                     |                   | .[             |                        |                | l                             |
|  | Liability Hedge          | Exhibit 5             | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                       | 07/20/2021 | 07/20/2022          | 07/20/2022   | Expiry                                |            | 1,696,304                               | 4323.06000000     | 118,741              |                      |                    | (65, 389  | )        | 1    | 0          |                     | (65,389           | 3)[            |                        | L              | 10003                         |

## **SCHEDULE DB - PART A - SECTION 2**

| Marche   M   |                               |                                   |            |                                      |  | 5          | Showing      | all Op       | tions, Cap          | s, Floors, | Collars, S  | Swaps and         | d Forwards  | Termina                              | ted During         | g Current Y | ′ear |      |    |    |          |         |             |        |                               |
|--|-------------------------------|-----------------------------------|------------|--------------------------------------|--|------------|--------------|--------------|---------------------|------------|-------------|-------------------|---|--------------------------------------|--------------------|-------------|------|------|----|----|----------|---------|-------------|--------|-------------------------------|
| Part   | 1                             | 2                                 | 3          | 4                                    | 5  | 6          | 7            | 8            | 9                   | 10         | 11          | 12                |   | 14                                   | 15                 | 16          | 17   | 18   | 19 | 20 | 21       | 22      | 23          | 24     | 25                            |
| Second    |                               | of Item(s)<br>Hedged,<br>Used for | Schedule   |                                      |  |            | Maturity     | T            | Exercise,           | North      |             | Price,<br>Rate or | Prior Year(s)<br>Initial Cost<br>of Un-<br>discounted | Initial Cost<br>of Un-<br>discounted | Considera-<br>tion | Comment     |      |      |    |    | Year's   | (Loss)  | to Carrying | (Loss) | Effectiveness<br>at Inception |
| Section   Sect   |                               |                                   | Exhibit    |                                      | Exchange, Counterparty                       | Trade      |              |              |                     |            | Notional    |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| Marie   Mari   |                               |                                   |            |                                      |  | Date       |              |              |                     | Contracts  |             |                   |   |                                      |                    |             |      | Code |    |    |          |         |             |        |                               |
| Maria   Mari   | 141498 Call Options - S&P 500 |                                   |            |                                      |  |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| March   Marc   |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573     | 07/20/2021 | 07/20/2022   | 07/20/2022   | Expiry              |            | 1,420,624   | 4323.06000000     | 99,444  |                                      |                    | (54,762)    |      |      | 0  |    | (54,762  | 2)      |             |        | 0003                          |
| March   Marc   |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573     | 07/20/2021 | 07/20/2022   | 07/20/2022   | Expiry              |            | 1,097,112   | 4323 . 06000000   | 76,798  |                                      |                    | (42,291     |      |      | 0  |    | (42,291  | )       |             |        | 0003                          |
| March   Marc   | 141502 Call Options - S&P 500 | Liability Hedge                   | Exhibit 5  | Equity/Index                         | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573     | 07/20/2021 | 07/20/2022   | 07/20/2022   | Expiry              |            | 1, 121,026  | 4323.06000000     | 78,472  |                                      |                    | (43,213     |      |      | 0  |    | (43,213  | )       |             |        | 0003                          |
| Control   Cont   |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573     | 07/20/2021 | 07/20/2022   | 07/20/2022   | Expiry              |            | 1,903,555   | 4323.06000000     | 133,249   |                                      |                    | (73,378     |      |      | 0  |    | (73,378  |         |             |        | 0003                          |
| Marked   M   |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573     | 07/20/2021 | 07/20/2022   | 07/20/2022   | Expiry              |            | 1,355,621   | 4323.06000000     | 94,893  |                                      |                    | (52,256)    |      |      | 0  |    | (52,256  | i)      |             |        | 0003                          |
| Control   Cont   | 1420/5 Call Options - S&P 500 | Liability Hodge                   | Evhibit F  | Equitor/Indoor                       | SOCIETE CEMEDAL CODNEC LEVEL DO TO TO TO THE | 07/20/2024 | 07/20/2022   | 07/20/2022   | Maturity            |            | 7 000 004   | 1333 UEUUUUU      | 200 204   |                                      | 0.040              | /4EE 000    |      |      |    |    | (157.040 | 2.040   |             |        | 0003                          |
| March   Marc   | 141147 Call Ontions = S&P 500 | Liability neage                   | EXTIDIT 5  | Equity/index                         | X-CHANGE FINANCIAL<br>ACCESS / MORGAN        | 01/20/2021 | 01/20/2022   | 01/20/2022   | Maturity            |            | 7,029,991   | 4323.00000000     | 200,824   |                                      | 2,049              | (155,900    |      |      |    |    | (157,948 | 7)2,049 |             |        | 0003                          |
| Second Deliver - 1999   Seco   | carr optione car coo          | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 08/06/2021 | 08/05/2022   | 08/05/2022   | Expiry              |            | 9,760,344   | 4436.52000000     | 629,552   |                                      |                    | (375,310    |      |      | 0  |    | (375,310 | ))      |             |        | 0003                          |
| 18   18   18   18   18   18   18   18  | 141156 Call Options - S&P 500 |                                   |            |                                      | ACCESS / MORGAN                              |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| Min    |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         | THROUGH CBO 9R7GPTS07KV3UQJZQ078             | 08/06/2021 | 08/05/2022   | 08/05/2022   | Expiry              |            | 887,304     | 4436.52000000     | 57,232  |                                      |                    | (34, 119)   |      |      | 0  |    | (34, 119 | )       |             |        | 0003                          |
| Control Call Spring - 59 70   Call Spring - 50 70   Call Spring    | 141157 Call Options - S&P 500 |                                   |            |                                      | ACCESS / MORGAN                              |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| SEES   Color   |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 08/06/2021 | 08/05/2022   | 08/05/2022   | Expiry              |            | 1,330,956   | 4436.52000000     | 85,848  |                                      |                    | (51, 179)   |      |      | 0  |    | (51, 179 | )       |             |        | 0003                          |
| Column   C   | 141150 Call Ontions - SSP 500 |                                   |            |                                      | ACCESS / MORGAN                              |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| Control   Cont   |                               | Liahility Hedge                   | Exhibit 5  | Fauity/Index                         |  | 08/06/2021 | 08/05/2022   | 08/05/2022   | Fyniry              |            | 1 330 956   | 4436 52000000     | 85 848  |                                      |                    | (51 179     |      |      | 0  |    | (51 179  | n       |             |        | 0003                          |
| 14-11   14-11   14-12   14-1   |                               | Liability noogo                   | LAITE C    | Equity, moon                         | X-CHANGE FINANCIAL                           | 00/00/2021 | 00/ 00/ 2022 | 00, 00, 2022 | L.,p.1. , 111111111 |            | 1,000,000   |                   |   |                                      |                    | (01, 110    |      |      |    |    | (01, 110 |         |             |        |                               |
| 1-9946   1   | 141162 Call Options - S&P 500 |                                   |            |                                      |  |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| ## ACT Call Gallors - SIP 500   Lightly Nedge  |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 08/06/2021 | 08/05/2022   | 08/05/2022   | Expiry              |            | 1,330,956   | 4436.52000000     | 85,848  |                                      |                    | (51, 179)   |      |      | 0  |    | (51, 179 | )       |             |        | 0003                          |
| Liability Heige  | 141164 Call Options - S&P 500 |                                   |            |                                      | ACCESS / MORGAN                              |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| # ACCESS / REPORT STRUCK CALL Options - SUP 500 Link lifty Hedge   |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 08/06/2021 | 08/05/2022   | 08/05/2022   | Expiry              |            | 1,330,956   | 4436.52000000     | 85,848  |                                      |                    | (51, 179)   |      |      | 0  |    | (51, 179 | )       |             |        | 0003                          |
| State   Californian   Suppose   Californian   Suppos   |                               |                                   |            |                                      |  |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| MISTOR CALL   Options - SIP 500   Lability   Hedge   Exhibit 5   Equity/Index   Exhibit 5   Equity/I   | 141167 Call Options - S&P 500 |                                   |            |                                      | STANLEY/CLEARED                              |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
| Lability   Hodge   Earlight   Hodge     | 141750 Call Options - S&P 500 | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 08/06/2021 | 08/05/2022   | 08/05/2022   | Expiry              |            | 2,218,260   | 4436.52000000     | 143,080   |                                      |                    | (85,298)    |      |      | 0  |    | (85,298  | )       |             |        | 0003                          |
| 143071 Call Options - SiP 500   Libility Hedge   Enhibit 5   Equity/Index   |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 08/06/2021 | 08/05/2022   | 08/05/2022   | Expiry              |            | 1,740,140   | 4436.52000000     | 117,669   |                                      |                    | (70, 149    |      |      | 0  |    | (70, 149 | )       |             |        | 0003                          |
| 141546 Call Options - SUP 500   Liability Hedge   Exhibit 5   Equity/Index   Exhibit 5   Exhibit 5   Equity/Index   Exhibit 5   Exhibit 5   Equity/Index     | 142077 Call Options - S&P 500 |                                   |            |                                      |  |            |              |              |                     |            | 0.000.000   | 4400 50000000     | 004   |                                      |                    | (453 100    |      |      | _  |    | /45=     |         |             |        | 0000                          |
| HalfSG Call Options - SB 500   Liability Hedge   Earlibit 5   Equity/Index   Earlibi   | 141544 Call Options - S&P 500 | Liability Hedge                   | Exhibit 5  | Equity/Index                         | BAHULATS BANK PLC . G5GSEF/VJP51/UK5573      | 08/06/2021 | 08/05/2022   | uo/U5/2022   | expiry              |            | 6,602,011   | 4436.52000000     | 264,080   |                                      |                    | (15/,433)   |      | ·    | 0  |    | (157,433 | 7       |             |        | 0003                          |
| Liability Hedge Exhibit 5 Equity/Index BARCA/S BMK PLC G56SEFT/UP5170M5573 08/20/2021 08/19/2022 08/19/2022 Expiry 2, 2, 281, 502 4441.6700000 100, 288 141754 Call Options - SAP 500 141754 Call Options - SAP 500 141755 Call Options - SAP 500 141755 Call Options - SAP 500 141761 Call Options - SAP 500 1417 |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573     | 08/20/2021 | 08/19/2022   | 08/19/2022   | Expiry              |            | 1,403,970   | 4441.67000000     | 99, 120   |                                      |                    | (62,903     |      | .    | 0  |    | (62,903  |         |             |        | 0003                          |
| 141753 Call Options - SAP 500   141754 Call Options - SAP 500   141755 Call Options - SAP 50   | 141545 Call Options - S&P 500 | Liability Hodgo                   | Evhibit 5  | Equity/Indox                         | BADOLAVO BANK DLO GEGGEETI/ IDE 1701 IVEETO  | 08/20/2021 | 08/10/2022   | 08/10/2022   | Evniru              |            | 2 201 502   | 4441 67000000     | 161 074   |                                      |                    | (102 220    |      |      |    |    | (100.000 |         |             |        | 0003                          |
| Liability   Hedge  | 141753 Call Options - S&P 500 | LIAUTITE TEUGE                    | EXIIIDIL 3 | Equity/index                         |  | 00/20/2021 | 00/ 13/2022  | UU/ 18/2U22  | LAPITY              |            | 2,281,302   | 4441.0/000000     | 101,0/4   |                                      |                    | (102,220)   |      |      |    |    | (102,220 | "       |             |        | 0000                          |
| Liability Hedge  |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653     | 08/20/2021 | 08/19/2022   | 08/19/2022   | Expiry              |            | 1,423,149   | 4441.67000000     | 100,288   |                                      |                    | (63,644     |      | .    | 0  |    | (63,644  |         |             |        | 0003                          |
| 141755 Call Options - SAP 500 141761 Call Options - SAP 500 140791 | 141/04 Call Uptions - S&P 500 | Liahility Hedne                   | Evhihit 5  | Fauity/Indox                         |  | 08/20/2021 | 08/19/2022   | NR/19/2022   | Evniry              |            | 6 649 604   | 4441 67000000     | 468 507   |                                      |                    | (207 270    |      |      |    |    | (207 270 | n       |             |        | 0003                          |
| Liability Hedge  | 141755 Call Options - S&P 500 | Liability lieuge                  | LAIIIDIE 3 | Equity/ index                        |  | 50/20/2021 | 00/ 10/ 2022 | 00/ 13/2022  | LAPITY              |            | 0,043,034   |                   |   |                                      |                    | (201,319    |      | 1    |    |    | (201,318 | ,,      |             |        |                               |
| Liability Hedge  |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653     | 08/20/2021 | 08/19/2022   | 08/19/2022   | Expiry              |            | 1,373,925   | 4441.67000000     | 96,819  |                                      |                    | (61,443)    |      | .    | 0  |    | (61,443  | )       |             |        | 0003                          |
| 142079 Call Options - S&P 500 Liability Hedge  | 141701 Gall Options - Sar 300 | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 08/20/2021 | 08/19/2022   | 08/19/2022   | Expiry              |            | 1.835.591   | 4441.67000000     | 129.352   |                                      |                    | (82.089     |      | . [  |    |    | (82.089  | )       |             |        | 0003                          |
| X-CHANGE FINANCI AL ACCESS / MORGAN STANLEY/OLE/HRED   | 142079 Call Options - S&P 500 |                                   |            | ,= · · · / · · · · · · · · · · · · · |  |            |              |              |                     |            | ,,          |                   |   |                                      |                    | ,,          |      | 1    |    |    |          |         |             |        |                               |
| 141380 Call Options - S&P 500 ACCESS / MORGAN STANLEY/OLEARED  |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 08/20/2021 | 08/19/2022   | 08/19/2022   | Expiry              |            | 6, 406, 157 | 4441.67000000     | 257,848   |                                      |                    | (163,634)   |      | .    | 0  |    | (163,634 | )       |             |        | 0003                          |
| Y STANKET/CLEANED  | 141380 Call Options - S&P 500 |                                   |            |                                      | ACCESS / MORGAN                              |            |              |              |                     |            |             |                   |   |                                      |                    |             |      |      |    |    |          |         |             |        |                               |
|  |                               | Liability Hedge                   | Exhibit 5  | Equity/Index                         |  | 09/03/2021 | 09/06/2022   | 09/06/2022   | Expiry              |            | 1.360.629   | 4535.43000000     | 90,483  |                                      |                    | (61,224     |      | .    | 0  |    | (61.224  | )       |             |        | 0003                          |

## **SCHEDULE DB - PART A - SECTION 2**

|                               |                      |            |                |  |               | SHOWING       | all Op           | tions, cap                 | 15, FIUUI 5, | Collais, S  | swaps and         | i Forwards                  | rermina               | tea During            | Current Y                               | rear                 |         |                        |                       |                      |                   |                    |                   |                       |
|-------------------------------|----------------------|------------|----------------|--|---------------|---------------|------------------|----------------------------|--------------|-------------|-------------------|-----------------------------|-----------------------|-----------------------|---|----------------------|---------|------------------------|-----------------------|----------------------|-------------------|--------------------|-------------------|-----------------------|
| 1                             | 2                    | 3          | 4              | 5  | 6             | 7             | 8                | 9                          | 10           | 11          | 12                | 13                          | 14                    | 15                    | 16                                      | 17                   | 18      | 19                     | 20                    | 21                   | 22                | 23                 | 24                | 25                    |
|                               | Description          |            |                |  |               |               |                  |                            |              |             |                   | Cumulative<br>Prior Year(s) | Current Year          |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | of Item(s)           |            |                |  |               |               |                  |                            |              |             | Strike            | Initial Cost                | Initial Cost          |                       |   |                      |         |                        |                       |                      |                   |                    |                   | Hedge                 |
|                               | Hedged,              |            |                |  |               | Date of       |                  | Indicate                   |              |             | Price,            | of Un-                      | of Un-                | Considera-            |   |                      |         |                        |                       | Current              | Gain              | Adjustment         | Gain              | Effectiveness         |
|                               | Used for             | Schedule   |                |  |               | Maturity      |                  | Exercise,                  |              |             | Rate or           | discounted                  | discounted            | tion                  |   | Book/                |         | Unrealized             | Total Foreign         |                      | (Loss)            | to Carrying        | (Loss)            | at Inception          |
|                               | Income<br>Generation | Exhibit    | of<br>Risk(s)  | Exchange, Counterparty   | Trade         | or<br>Expira- | Termina-<br>tion | Expiration,<br>Maturity or | Number<br>of | Notional    | Index<br>Received | Premium<br>(Received)       | Premium<br>(Received) | Received<br>(Paid) on | Current<br>Year                         | Adjusted<br>Carrying |         | Valuation<br>Increase/ | Exchange<br>Change in | (Amortiza-<br>tion)/ | on<br>Termination | Value of<br>Hedged | on<br>Termination | and at<br>Termination |
| Description                   | or Replicated        | Identifier |                | or Central Clearinghouse                                       | Date          | tion          | Date             | Sale                       | Contracts    | Amount      | (Paid)            | Paid                        | Paid                  | Termination           | Income                                  | Value                | Code    | (Decrease)             | B./A.C.V.             | Accretion            | Recognized        | Item               | Deferred          | (b)                   |
|                               | .,                   |            |                | X-CHANGE FINANCIAL   |               |               |                  |                            |              |             | ,                 |                             |                       |                       |   |                      |         | ,                      |                       |                      |                   |                    |                   | , ,                   |
| 141381 Call Options - S&P 500 | 0                    |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                               | 09/03/2021    | 09/06/2022    | 09/06/2022       | Expiry                     |              | 907,086     | 4535.43000000     | 60,322                      |                       |                       | (40,816                                 |                      |         | 0                      |                       | (40,816              | )                 |                    |                   | 0003                  |
|                               | , ,                  |            | ' '            | X-CHANGE FINANCIAL   |               |               |                  | '                          |              | -           |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141384 Call Options - S&P 500 | 0                    |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQ078                               | 09/03/2021    | 09/06/2022    | 09/06/2022       | Expiry                     |              | 6,803,145   | 4535.43000000     | 452,415                     |                       |                       | (306, 118                               | )                    |         | 0                      |                       | (306, 118            | )                 |                    |                   | 0003                  |
|                               |                      |            |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141385 Call Options - S&P 500 |                      |            |                | STANLEY/CLEARED  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                               | 09/03/2021    | 09/06/2022    | 09/06/2022       | Expiry                     |              | 2,721,258   | 4535.43000000     | 180,966                     |                       |                       | (122,447                                | )                    |         | 0                      |                       | (122,447             | )                 |                    |                   | 0003                  |
|                               |                      |            |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141387 Call Options - S&P 500 |                      |            |                | STANLEY/CLEARED  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL         | 09/03/2021    | 09/06/2022    | 09/06/2022       | Expiry                     |              | 907,086     | 4535.43000000     | 60,322                      |                       |                       | (40,816                                 | )                    |         | 0                      |                       | (40,816              | )                 |                    |                   | 0003                  |
| 141389 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141309 Call Options - 30F 300 | Liability Hedge      | Evhibit 5  | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQQ78               | 00/03/2021    | 00/06/2022    | 0 /06 /2022      | Evoiry                     |              | 1 360 630   | 4535.43000000     | 90,483                      |                       |                       | (61,224                                 | 1                    |         | 0                      | ,                     | (61,224              | ,                 |                    |                   | 0003                  |
|                               | Liability licage     | LAITIBIT   | Equity/ Illucx | X-CHANGE FINANCIAL   | 00/ 00/ 202 1 | 00/00/2022    | 307 007 EULE     | Expiry                     |              | 1,000,020   | 4000.4000000      |                             |                       |                       | (01,224                                 | ,                    |         |                        | ,                     | (01,224              | /                 |                    |                   | 0000                  |
| 141391 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                               | 09/03/2021    | 09/06/2022    | 09/06/2022       | Expiry                     |              | 3, 174, 801 | 4535.43000000     | 211, 127                    |                       |                       | (142,855                                |                      | l       | 0                      |                       | (142,855             | )                 |                    |                   | 0003                  |
|                               |                      |            |                | X-CHANGE FINANCIAL   |               |               |                  |                            |              |             |                   |                             |                       |                       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,                    |         |                        |                       | (,                   |                   |                    |                   |                       |
| 141394 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   |  | 09/03/2021    | 09/06/2022    | 09/06/2022       | Expiry                     |              | 907,086     | 4535.43000000     | 60,322                      |                       |                       | (40,816                                 | )                    |         | 0                      |                       | (40,816              | )                 |                    |                   | 0003                  |
| 142080 Call Options - S&P 500 |                      |            |                |  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573<br>X-CHANGE FINANCIAL | 09/03/2021    | 09/06/2022    | 09/06/2022       | Expiry                     |              | 6, 144,502  | 4535.43000000     | 237,485                     |                       |                       | (160,690                                | )                    |         | 0                      |                       | (160,690             | )                 |                    |                   | 0003                  |
| 141E40 0-11 0-1: 00D E00      |                      |            |                | ACCESS / MORGAN  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141548 Call Options - S&P 500 | Liability Hedge      | Eubibi+ E  | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQ078               | 00/20/2021    | 00/20/2022    | 00/00/0000       | Evair.                     |              | 2 614 620   | 4357.73000000     | 204,204                     |                       |                       | (147, 139                               | ,                    |         |                        | ,                     | (147, 139            | ,                 |                    |                   | 0003                  |
|                               | Liability lieuge     | LAIIIDIL J | Equity/ Illuex | X-CHANGE FINANCIAL   | 03/ 20/ 202 1 | 03/20/2022    | 03/20/2022       | LAPITY                     |              | 2,014,030   | 4337.73000000     | 204,204                     |                       |                       | (147, 103                               | ,                    |         |                        | ,                     | (147, 100            | 1                 |                    |                   | 0003                  |
| 141550 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                               | 09/20/2021    | 09/20/2022    | 09/20/2022       | Expiry                     |              | 6.972.368   | 4357.73000000     | 544.544                     |                       |                       | (392.370                                |                      |         | 0                      |                       | (392.370             | )                 |                    |                   | 0003                  |
|                               | , ,                  |            | ' '            | X-CHANGE FINANCIAL   |               |               |                  | '                          |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141551 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                               | 09/20/2021    | 09/20/2022    | 09/20/2022       | Expiry                     |              | 3,486,184   | 4357.73000000     | 272,272                     |                       |                       | (196, 185                               | )                    |         | 0                      |                       | (196, 185            | )                 |                    |                   | 0003                  |
|                               |                      |            |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141552 Call Options - S&P 500 |                      |            |                | STANLEY/CLEARED  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL         | 09/20/2021    | 09/20/2022    | 09/20/2022       | Expiry                     |              | 1,743,092   | 4357.73000000     | 136, 136                    |                       |                       | (98,093                                 | )                    |         | 0                      |                       | (98,093              | )                 |                    |                   | 0003                  |
| 141553 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141000 CATT UPLIONS - SAP 500 | Liability Hedge      | Evhibit 5  | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQO78               | 00/20/2024    | 00/20/2022    | าด/วก/วกวา       | Evniry                     |              | 1 207 210   | 4357.73000000     | 102.102                     |                       |                       | (73,569                                 |                      |         | 0                      | ,                     | (73,569              | ,                 |                    |                   | 0003                  |
|                               | Liability lieuge     | LAIIIDIL S | Equity/ muex   | X-CHANGE FINANCIAL   | 00/ 20/ 202 1 | 00/20/2022    | 50, 20, 2022     | LAPII 9                    |              | 1,007,318   | +001.10000000     | 102, 102                    |                       |                       | (13,308                                 | ,                    |         |                        | ,                     | (13,309              | 1                 |                    |                   |                       |
| 141554 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                               | 09/20/2021    | 09/20/2022    | 09/20/2022       | Expiry                     |              | 1,307,319   | 4357.73000000     | 102, 102                    |                       |                       | (73,569                                 | )                    |         | 0                      |                       | (73,569              | )                 |                    |                   | 0003                  |
| 142228 Call Options - S&P 500 | )                    |            |                | WELLS FARGO BANK,  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09                                      | 09/20/2021    | 09/20/2022    | 09/20/2022       | Expiry                     |              | 5,886,679   | 4357.73000000     | 293,745                     |                       |                       | (211,658                                | )                    |         | 0                      |                       | (211,658             | )                 |                    |                   | 0003                  |
| 44500 0 11 0                  |                      |            |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                          |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 141598 Call Options - S&P 500 |                      |            |                | STANLEY/CLEARED  | 40 (00 (000 : | 10 (00 (0000  | 40 (00 (000      |                            |              | 0.040 :     | 1000 5500000      |                             |                       |                       | (404 ***                                |                      |         | _                      | .]                    | (404                 | J                 |                    |                   | 0000                  |
|                               | Liability Hedge      | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78<br>X-CHANGE FINANCIAL         | 10/06/2021    | 10/06/2022    | 10/06/2022       | Expiry                     |              | 2,618,130   | 4363.55000000     | 211,020                     |                       |                       | (161,300                                | J                    |         | 0                      | ,                     | (161,300             | 7                 |                    |                   | 0003                  |
| 141600 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN  |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
| 171000 vall upitons = oar out | Liability Hedge      | Exhibit 5  | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQ078               | 10/06/2021    | 10/06/2022    | 10/06/2022       | Expiry                     |              | 1 300 065   | 4363.55000000     | 105,510                     |                       |                       | (80,650                                 | 1                    | l       | 0                      | ,                     | (80,650              | ,                 |                    |                   | 0003                  |
|                               | 2.abty nougo         | LAMIDIC    | Equity/ IIIuex | X-CHANGE FINANCIAL   | 10/ 00/ 202 1 | .5/ 00/ 2022  | .0,00/2022       | -np11 J                    |              | 1,000,000   | 1000.0000000      | 100,010                     |                       |                       | (50,000                                 | ,                    |         |                        |                       | (00,000              | 1                 |                    |                   |                       |
| 141602 Call Options - S&P 500 |                      |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |               |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |         |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge      | Exhibit 5  | Equi ty/Index  | THROUGH CB0 9R7GPTS07KV3UQJZQ078                               | 10/06/2021    | 10/06/2022    | 10/06/2022       | Expiry                     | <u></u>      | 1,745,420   | 4363.55000000     | 140,680                     | <u></u>               |                       | (107,533                                | )                    | <u></u> |                        |                       | (107,533             | )                 |                    |                   | 0003                  |

## **SCHEDULE DB - PART A - SECTION 2**

|  |                             |              |                 |   |              | Showing       | ı all Op         | tions, Cap                 | os, Floors,  | Collars, S  | Swaps and         | l Forwards                  | Termina               |                       | Current \                               | rear                 |      |                        |                       |                      |   |                    |                   |                       |
|--|-----------------------------|--------------|-----------------|---|--------------|---------------|------------------|----------------------------|--------------|-------------|-------------------|-----------------------------|-----------------------|-----------------------|---|----------------------|------|------------------------|-----------------------|----------------------|---|--------------------|-------------------|-----------------------|
| 1  | 2                           | 3            | 4               | 5   | 6            | 7             | 8                | 9                          | 10           | 11          | 12                | 13                          | 14                    | 15                    | 16                                      | 17                   | 18   | 19                     | 20                    | 21                   | 22                                      | 23                 | 24                | 25                    |
|  | Description                 |              |                 |   |              |               |                  |                            |              |             |                   | Cumulative<br>Prior Year(s) | Current Year          |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
|  | of Item(s)                  |              |                 |   |              |               |                  |                            |              |             | Strike            | Initial Cost                | Initial Cost          |                       |   |                      |      |                        |                       |                      |   |                    |                   | Hedge                 |
|  | Hedged,                     |              |                 |   |              | Date of       |                  | Indicate                   |              |             | Price,            | of Un-                      | of Un-                | Considera-            |   |                      |      |                        |                       | Current              | Gain                                    | Adjustment         | Gain              | Effectiveness         |
|  | Used for                    | Schedule     |                 |   |              | Maturity      |                  | Exercise,                  |              |             | Rate or           | discounted                  | discounted            | tion                  |   | Book/                |      | Unrealized             | Total Foreign         |                      | (Loss)                                  | to Carrying        | (Loss)            | at Inception          |
|  | Income<br>Generation        | Exhibit      | of<br>Risk(s)   | Exchange, Counterparty  | Trade        | or<br>Expira- | Termina-<br>tion | Expiration,<br>Maturity or | Number<br>of | Notional    | Index<br>Received | Premium<br>(Received)       | Premium<br>(Received) | Received<br>(Paid) on | Current<br>Year                         | Adjusted<br>Carrying |      | Valuation<br>Increase/ | Exchange<br>Change in | (Amortiza-<br>tion)/ | on<br>Termination                       | Value of<br>Hedged | on<br>Termination | and at<br>Termination |
| Description  | or Replicated               | Identifier   | (a)             | or Central Clearinghouse                                      | Date         | tion          | Date             | Sale                       | Contracts    | Amount      | (Paid)            | Paid                        | Paid                  | Termination           | Income                                  | Value                | Code | (Decrease)             | B./A.C.V.             | Accretion            | Recognized                              | Item               | Deferred          | (b)                   |
| Восоправн  | Or replicated               | idontino     | (ω)             | X-CHANGE FINANCIAL  | Duto         | tion          | Duto             | Cuio                       | Contracto    | 741104111   | (r did)           |                             | . u.u                 | T GTTTIII GGGGT       |   | Value                | 0000 | (Booroaco)             | <i>B.,,</i> 1.0.11.   | 71001011011          | rtocograzou                             |                    | 50.000            | (5)                   |
| 141603 Call Options - S&P 500  |                             |              |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                            |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                              | 10/06/2021   | 10/06/2022    | 10/06/2022       | Expiry                     |              | 1.745.420   | 4363.55000000     | 140,680                     |                       |                       | (107,533                                | )                    |      | 0                      | l                     | (107,533             | 3)                                      | l                  |                   | 0003                  |
| 142238 Call Options - S&P 500  | ,                           |              | 1               | WELLS FARGO BANK.   |              |               |                  | . ,                        |              | , ,         |                   | ,                           |                       |                       | , |                      |      |                        |                       | , ,,,,,              |   |                    |                   |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | N.A. KB1H1DSPRFMYMCUFXT09                                     | 10/06/2021   | 10/06/2022    | 10/06/2022       | Expiry                     |              | 6,646,428   | 4363.55000000     | 301,084                     |                       |                       | (230, 144                               | )                    |      | 0                      |                       | (230, 144            | 4)                                      |                    |                   | 0003                  |
| 142840 Call Options - S&P 500  |                             |              |                 | MORGAN STANLEY & CO.  |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 142847 Call Options - S&P 500  | Liability Hedge             | Exhibit 5    | Equity/Index    | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                      | 10/06/2021   | 10/06/2022    | 10/06/2022       | Expiry                     |              | 1, 161,2/2  | 4363.55000000     | 87,835                      |                       |                       | (67, 140                                | //                   |      | 0                      |                       | (67, 140             | 0)                                      |                    |                   | 0003                  |
| Tizo ii daii optidio dai doo   | Liability Hedge             | Exhibit 5    | Equity/Index    | NELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                   | 10/06/2021   | 10/06/2022    | 10/06/2022       | Expiry                     |              | 6,428,644   | 4363.55000000     | 490,504                     |                       |                       | (374.933                                |                      |      | 0                      |                       | (374,933             | 3)                                      |                    |                   | 0003                  |
| 142851 Call Options - S&P 500  | Liability nougo illinini    | EMITIOT C    | Equity/Indox    | WELLS FARGO BANK,   | 10, 00, 2021 | 107 007 2022  | 10/ 00/ 2022     | Exp,                       |              | 0,120,011   |                   |                             |                       |                       | (0/1,000                                | 1                    |      |                        |                       | (0, 1,000            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                    |                   |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | N.A. KB1H1DSPRFMYMCUFXT09                                     | 10/06/2021   | 10/06/2022    | 10/06/2022       | Expiry                     |              | 2,738,302   | 4363.55000000     | 208,933                     |                       |                       | (159,705                                | )                    |      | 0                      |                       | (159,705             | 5)                                      |                    |                   | 0003                  |
|  |                             |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                         |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 141905 Call Options - S&P 500  |                             |              |                 | STANLEY/CLEARED   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                              | 10/20/2021   | 10/20/2022    | 10/20/2022       | Expiry                     |              | 907,238     | 4536.19000000     | 61,510                      |                       |                       | (49,377                                 | )                    |      | 0                      |                       | (49,377              | 7)                                      |                    |                   | 0003                  |
|  |                             |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                         |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 141906 Call Options - S&P 500  |                             |              |                 | STANLEY/CLEARED   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 142240 Call Options - S&P 500  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                              | 10/20/2021   | 10/20/2022    | 10/20/2022       | Expiry                     |              | 1,360,857   | 4536.19000000     | 92,265                      |                       |                       | (74,065                                 | )                    |      | 0                      |                       | (74,065              | 5)                                      |                    |                   | 0003                  |
| 142240 Call Options - 50F 500  | Liability Hedge             | Cubibit E    | Emri tu / Indov | SOCIETE GENERAL 02RNE8 BXP4R0TD8PU41                          | 10/20/2021   | 10/20/2022    | 10/20/2022       | Expiry                     |              | 6, 193, 215 | 4536.19000000     | 251,445                     |                       |                       | (201.845                                |                      |      | 0                      |                       | (201,845             | E)                                      |                    |                   | 0003                  |
| 142655 Call Options - S&P 500  | Liability neuge             | EXIIIDIL     | Equity/illuex   | MORGAN STANLEY & CO.  | 10/20/2021   | 10/ 20/ 2022  | 10/20/2022       | Expiry                     |              | 0, 193,213  | 4330.19000000     | 231,443                     |                       |                       | (201,043                                | 7                    |      |                        |                       | (201,040             | 3)                                      |                    |                   | 0003                  |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                      | 10/20/2021   | 10/20/2022    | 10/20/2022       | Expiry                     |              | 2,574,016   | 4536.19000000     | 178,743                     |                       |                       | (143,484                                | )                    |      | 0                      |                       | (143,484             | 4)                                      |                    |                   | 0003                  |
| 142658 Call Options - S&P 500  |                             |              |                 | MORGAN STANLEY & CO.  |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 1400E0 0-11 0-1 00D E00  | Liability Hedge             | Exhibit 5    | Equity/Index    | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                      | 10/20/2021   | 10/20/2022    | 10/20/2022       | Expiry                     |              | 7,318,780   | 4536.19000000     | 508,227                     |                       |                       | (407,974                                | )                    |      | 0                      |                       | (407,974             | 4)                                      |                    |                   | 0003                  |
| 142659 Call Options - S&P 500  | Liability Hedge             | Exhibit 5    | Equity/Index    | MORGAN STANLEY & CO. INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653 | 10 /00 /0001 | 10 /00 /0000  | 10 /00 /0000     | F :                        |              | 2,701,573   | 4536.19000000     | 187,600                     |                       |                       | (150,594                                |                      |      | 0                      |                       | (150,594             | 4)                                      |                    |                   | 0003                  |
| 142662 Call Options - S&P 500  | Liability neage             | EXHIBIT      | Equity/index    | MORGAN STANLEY & CO.  | 10/20/2021   | 10/20/2022    | 10/20/2022       | Expiry                     |              | 2,701,573   | 4536. 19000000    | 187,000                     |                       |                       | (150,594                                | 1                    |      |                        |                       | (150,594             | +)                                      |                    |                   | 0003                  |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                      | 10/20/2021   | 10/20/2022    | 10/20/2022       | Expiry                     |              | 1,589,526   | 4536.19000000     | 110,380                     |                       |                       | (88,606                                 | )                    |      | 0                      |                       | (88,606              | 6)                                      |                    |                   | 0003                  |
|  |                             |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                         |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 143645 Call Options - S&P 500  |                             |              |                 | STANLEY/CLEARED   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                              | 11/05/2021   | 11/04/2022    | 11/04/2022       | Expiry                     |              | 3,288,271   | 4697.53000000     | 224,588                     |                       |                       | (190,036                                |                      |      | 0                      |                       | (190,036             | 6)                                      |                    |                   | 0003                  |
|  |                             |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                         |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 143652 Call Options - S&P 500  |                             |              |                 | STANLEY/CLEARED   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3UQJZQO78 X-CHANGE FINANCIAL           | 11/05/2021   | 11/04/2022    | 11/04/2022       | Expiry                     |              | 7,516,048   | 4697.53000000     | 513,344                     |                       |                       | (434, 368                               | )                    |      | 0                      |                       | (434,368             | B)                                      |                    |                   | 0003                  |
| 1400EE 0-11 0-1: 00D E00   |                             |              |                 | ACCESS / MORGAN   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 143655 Call Options - S&P 500  | 1 1 - 6 1 1 2 6 1 1 - 4 - 1 | F.A. IN IA F | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQQ78              | 11 /05 /0001 | 11 /04 /0000  | 11/04/0000       | F :                        |              | 0.000.074   | 4697.53000000     | 224,588                     |                       |                       | (190,036                                |                      |      | 0                      |                       | (190,036             | 0)                                      |                    |                   | 0000                  |
|  | Liability Hedge             | EXIIIDIL     | Equity/illuex   | X-CHANGE FINANCIAL  | 11/03/2021   | 11/04/2022    | 11/04/2022       | Expiry                     |              | 3,200,2/1   | 4097.33000000     |                             |                       |                       | (190,030                                | 1                    |      |                        |                       | (190,030             | 0)                                      |                    |                   | 0003                  |
| 143659 Call Options - S&P 500  |                             |              |                 | ACCESS / MORGAN   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQQ78              | 11/05/2021   | 11/04/2022    | 11/04/2022       | Expiry                     |              | 939.506     | 4697.53000000     | 64, 168                     |                       |                       | (54, 296                                | )                    |      | 0                      |                       | (54,296              | 6)                                      |                    |                   | 0003                  |
|  | .,                          |              |                 | X-CHANGE FINANCIAL  |              |               | _                | ' ' ' ' ' ' ' '            |              | 1           |                   | ,                           |                       |                       | ,,                                      |                      |      |                        |                       | (,=                  |   |                    | 1                 |                       |
| 143661 Call Options - S&P 500  |                             |              |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                            |              |               |                  |                            |              | 1           |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    | 1                 |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3UQJZQO78                              | 11/05/2021   | 11/04/2022    | 11/04/2022       | Expiry                     |              | 939,506     | 4697.53000000     | 64, 168                     |                       |                       | (54,296                                 | i)                   |      | 0                      |                       | (54,296              | 6)                                      |                    |                   | 0003                  |
|  |                             |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                         |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    | I                 |                       |
| 143677 Call Options - S&P 500  |                             |              |                 | STANLEY/CLEARED   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    | I                 |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3UQJZQO78 X-CHANGE FINANCIAL           | 11/05/2021   | 11/04/2022    | 11/04/2022       | Expiry                     |              | 1,409,259   | 4697.53000000     | 96,252                      |                       |                       | (81,444                                 | )                    |      | 0                      |                       | (81,444              | 4)                                      |                    |                   | 0003                  |
| 440070 0 11 0 11   |                             |              |                 | ACCESS / MORGAN   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 143679 Call Options - S&P 500  |                             |              |                 | STANLEY/CLEARED   | 44 (05 (55)  | 44 (04 :      | 44 (04 (000)     |                            |              |             | 1007 50000        |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 143748 Call Options - S&P 500  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3UQJZQ078                              | 11/05/2021   | 11/04/2022    | 11/04/2022       | Expiry                     |              | 1,8/9,012   | 4697.53000000     | 128,336                     |                       |                       | (108,592                                |                      |      | 0                      | ·····                 | (108,592             | 2)                                      |                    |                   | 0003                  |
| The feet of the fe | Liability Hedge             | Exhibit 5    | Equity/Index    | NELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                   | 11/05/2021   | 11/04/2022    | 11/04/2022       | Expiry                     |              | 7,538.524   | 4697.53000000     | 298,526                     |                       |                       | (252,599                                | )                    |      | 0                      |                       | (252,599             | 9)                                      |                    |                   | 0003                  |
|  | .,                          |              |                 | X-CHANGE FINANCIAL  |              |               |                  | ' ' ' ' ' ' ' '            |              | 1           |                   | .,                          |                       |                       |   |                      |      |                        |                       |                      |   |                    | 1                 |                       |
| 143681 Call Options - S&P 500  |                             |              |                 | ACCESS / MORGAN<br>STANLEY/CLEARED                            |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    | I                 |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3UQJZQO78                              | 11/19/2021   | 11/18/2022    | 11/18/2022       | Expiry                     |              | 1,409,388   | 4697.96000000     | 102,462                     |                       |                       | (90,639                                 | )                    |      | 0                      |                       | (90,639              | 9)                                      |                    |                   | 0003                  |
|  |                             |              |                 | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                         |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
| 143683 Call Options - S&P 500  |                             |              |                 | STANLEY/CLEARED   |              |               |                  |                            |              |             |                   |                             |                       |                       |   |                      |      |                        |                       |                      |   |                    |                   |                       |
|  | Liability Hedge             | Exhibit 5    | Equity/Index    | THROUGH CBO 9R7GPTS07KV3UQJZQ078                              | 11/19/2021   | 11/18/2022    | 11/18/2022       | Expiry                     |              | 1,409,388   | 4697.96000000     | 102,462                     |                       |                       | (90,639                                 | )                    |      | 0                      |                       | (90,639              | 9)                                      |                    |                   | 0003                  |

# SCHEDULE DB - PART A - SECTION 2 Showing all Ontions Cans Floors Collars Swans and Forwards Terminated During Current Year

|  |                           |                 | d Forwards      | s Termina   | ted During        | Current `       | ∕ear            |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
|--|---------------------------|-----------------|-----------------|---|-------------------|-----------------|-----------------|---------------|-----------|---------------------------------------|---------------|------------------------|------------------------------|-------------|------------|----------|------|------------|---------------|-------------|-------------|-------------|-------------|------------------------|
| 1  | 2                         | 3               | 4               | 5   | 6                 | 7               | 8               | 9             | 10        | 11                                    | 12            | 13                     | 14                           | 15          | 16         | 17       | 18   | 19         | 20            | 21          | 22          | 23          | 24          | 25                     |
|  |                           |                 |                 |   |                   |                 |                 |               |           |                                       |               | Cumulative             |                              |             |            |          |      |            |               |             |             |             |             |                        |
|  | Description<br>of Item(s) |                 |                 |   |                   |                 |                 |               |           |                                       | Strike        |                        | Current Year<br>Initial Cost |             |            |          |      |            |               |             |             |             |             | Hodgo                  |
|  | Hedged,                   |                 |                 |   |                   | Date of         | of              | Indicate      |           |                                       | Price,        | Initial Cost<br>of Un- | of Un-                       | Considera-  |            |          |      |            |               | Current     | Gain        | Adjustment  | Gain        | Hedge<br>Effectiveness |
|  | Used for                  | Schedule        | e Type(s)       |   |                   | Maturi          |                 | Exercise,     |           |                                       | Rate or       | discounted             | discounted                   | tion        |            | Book/    |      | Unrealized | Total Foreign |             | (Loss)      | to Carrying | (Loss)      | at Inception           |
|  | Income                    | 1               | of              |   |                   | or              | Termina         | - Expiration, | Number    |                                       | Index         | Premium                | Premium                      | Received    | Current    | Adjusted |      | Valuation  | Exchange      | (Amortiza-  | on          | Value of    | on          | and at                 |
|  | Generation                | Exhibit         |                 | Exchange, Counterpart                                   |                   |                 |                 | Maturity or   | of        | Notional                              | Received      | (Received)             | (Received)                   | _(Paid) on  | Year       | Carrying |      | Increase/  | Change in     | tion)/      | Termination | Hedged      | Termination | Termination            |
| Description<br>143797 Call Options - S&P 500 | or Replicated             | Identifier      | r (a)           | or Central Clearinghous                                 | e Date            | e tion          | Date            | Sale          | Contracts | Amount                                | (Paid)        | Paid                   | Paid                         | Termination | Income     | Value    | Code | (Decrease) | B./A.C.V.     | Accretion   | Recognized  | Item        | Deferred    | (b)                    |
| 143/9/ Call upilons - Sar 500                | 1                         | F 1 11 11 F     |                 | BANK OF AMERICA,  | 0411007 44 (40 (0 | 004 44 (40 (00) | 00 44 (40 (0000 |               |           | 0 700 007                             | 4007 0000000  |                        |                              |             | (400, 400  |          |      | •          |               | (400, 405   | ,           |             |             | 0000                   |
| 143818 Call Options - S&P 500                | Liability Hedge           | Exhibit 5       | Equity/Index    |   | 31MB2/ 11/19/2    | 021 11/18/20    | 22 11/18/2022   | Expiry        |           | 2,730,067                             | 4697.96000000 | 203,936                |                              |             | (180,405   | ,,       |      | 0          |               | (180,405    | )           |             |             | 0003                   |
| Thouse surrespending surrespending           | Liability Hedge           | Exhibit 5       | Equity/Index    | BANK OF AMERICA, N.A. B4TYDEB6GKMZO                     | 31MR27 11/10/2    | 021 11/18/20    | 22 11/18/2022   | Expiry        |           | 1,796,903                             | 4697.96000000 | 134, 229               |                              |             | (118,741   | D        |      | 0          |               | (118,741    | 1           |             |             | 0003                   |
| 143827 Call Options - S&P 500                | )                         | LXIIIDIT 0      | Equity/ muc/    | BANK OF AMERICA.  | 117 1372          | 021 11/10/20    | 11/10/2022      | Expiry        |           | 1,700,000                             | 4007.0000000  | 104,220                |                              |             | (110,74)   |          |      |            |               | (110,741    | 1           |             |             | 0000                   |
|  | Liability Hedge           | Exhibit 5       | Equity/Index    |   | 31MB27 11/19/2    | 021 11/18/20    | 22 11/18/2022   | Expiry        |           | 6,479,631                             | 4697.96000000 | 484,029                |                              |             | (428 , 179 | )        |      | 0          |               | (428, 179   | )           |             |             | 0003                   |
| 143835 Call Options - S&P 500                | )                         |                 |                 | BANK OF AMERICA,  |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
|  | Liability Hedge           | Exhibit 5       | Equity/Index    | N.A. B4TYDEB6GKMZ0                                      | 31MB27 11/19/2    | 021 11/18/20    | 22 11/18/2022   | Expiry        |           | 2,342,711                             | 4697.96000000 | 175,001                |                              |             | (154,808   | i)       |      | 0          |               | (154,808    | )           |             |             | 0003                   |
| 143891 Call Options - S&P 500                | )                         |                 |                 |   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
|  | Liability Hedge           | Exhibit 5       | Equity/Index    | BARCLAYS BANK PLC . G5GSEF7VJP517<br>X-CHANGE FINANCIAL | UK5573 11/19/2    | 021 11/18/20    | 22 11/18/2022   | Expiry        |           | 5,606,163                             | 4697.96000000 | 224,247                |                              |             | (198,372   | ?)       |      | 0          |               | (198,372    | )           |             |             | 0003                   |
| 44470 0 11 0                                 |                           |                 |                 | ACCESS / MORGAN   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
| 144170 Call Options - S&P 500                | 1                         | L               | L               | STANLEY/CLEARED   |                   |                 |                 | L.            |           |                                       |               | I                      |                              | 1           |            | J        |      |            |               |             |             |             |             | l                      |
|  | Liability Hedge           | Exhibit 5       | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3U<br>X-CHANGE FINANCIAL         | JZQ078 12/06/2    | 021 12/06/202   | 22   12/06/2022 | Expiry        |           | 5,050,837                             | 4591.67000000 | 426,800                |                              | ·····       | (397,567   | ')       |      | 0          |               | (397,567    | )           |             |             | 0003                   |
|  | I                         |                 |                 | ACCESS / MORGAN   |                   |                 |                 |               |           | 1                                     |               | 1                      |                              | 1           |            |          |      |            |               |             |             |             |             |                        |
| 144175 Call Options - S&P 500                |                           |                 |                 | STANLEY/CLEARED   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
|  | Liability Hedge           | Exhibit 5       | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3U<br>X-CHANGE FINANCIAL         | JZU078 12/06/2    | 021 12/06/20    | 22 12/06/2022   | Expiry        |           | 1,836,668                             | 4591.67000000 | 155,200                |                              | ·····       | (144,570   | ······   |      | 0          |               | (144,570    | )<br>       |             |             | 0003                   |
|  |                           |                 |                 | ACCESS / MORGAN   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
| 144178 Call Options - S&P 500                |                           |                 |                 | STANLEY/CLEARED   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
| 144214 Call Options - S&P 500                | Liability Hedge           | Exhibit 5       | Equity/Index    | THROUGH CBO 9R7GPTSO7KV3U                               | JZQ078 12/06/2    | 021 12/06/20    | 22 12/06/2022   | Expiry        |           | 5,969,171                             | 4591.67000000 | 504,400                |                              |             | (469,852   | 2)       |      | 0          |               | (469,852    | )           |             |             | 0003                   |
| 1442 14 Oa11 Options - 301 300               | Liability Hedge           | Eubibi+ E       | Emri tu / Indos | BARCLAYS BANK PLC . G5GSEF7VJP517                       | 10/00/0           | 001 10/06/00    | 10/06/2022      | Expiry        |           | 2 220 024                             | 4591.67000000 | 197,967                |                              |             | (184, 408  |          |      | 0          |               | (184,408    | ,           |             |             | 0003                   |
| 144225 Call Options - S&P 500                | Liaulilly neuge           | EXIIIDIT 3      | Equity/index    | DANGLATS DANK FLC . GSGSEF/VGFST/                       | UN3373 12/00/2    | 021 12/00/20    | 22 12/00/2022   | Expiry        |           | 2,329,024                             | 4391.67000000 | 197,907                |                              |             | (104,400   | "        |      |            |               | (104,400    | /           |             |             | 0003                   |
|  | Liability Hedge           | Exhibit 5       | Equity/Index    | BARCLAYS BANK PLC . G5GSEF7VJP517                       | UK5573 12/06/2    | 021 12/06/20    | 22 12/06/2022   | Expiry        |           | 888 .772                              | 4591.67000000 | 75,546                 |                              | L           | (70,371    | D        |      | 0          | L             | (70,371     | )           |             |             | 0003                   |
| 144233 Call Options - S&P 500                |                           |                 | 1,.             |   |                   |                 |                 | ' '           |           | ,                                     |               |                        |                              |             | , , ,      |          |      |            |               |             |             |             |             |                        |
|  | Liability Hedge           | Exhibit 5       | Equity/Index    | BARCLAYS BANK PLC . G5GSEF7VJP517                       | UK5573 12/06/2    | 021 12/06/20    | 22 12/06/2022   | Expiry        |           | 2,214,571                             | 4591.67000000 | 188,239                |                              |             | (175,346   | i)       |      | 0          |               | (175,346    | )           |             |             | 0003                   |
| 144241 Call Options - S&P 500                | )                         |                 |                 | WELLS FARGO BANK,                                       |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
| 144708 Call Options - S&P 500                | Liability Hedge           | Exhibit 5       | Equity/Index    | N.A. KB1H1DSPRFMYM                                      | UFXT09 12/06/2    | 021 12/06/20    | 22 12/06/2022   | Expiry        |           | 7,271,610                             | 4591.67000000 | 367,216                |                              |             | (342,065   | i)       |      | 0          |               | (342,065    | )           |             |             | 0003                   |
| 144708 Call Upitions - Sar 500               | Liability Hedge           | F., L. I. L. E. | Footbook day    | SOCIETE GENERAL 02RNE81BXP4R0                           | TOODUAT 40 (00 (0 | 004 40 (00 (00) | 10 /00 /0000    | F !           |           | E 000 044                             | 4568.02000000 | 105,071                |                              |             | (101.904   |          |      |            |               | (101.904    | ,           |             |             | 0003                   |
|  | Liability neage           | EXHIBIT 5       | Equity/index    | X-CHANGE FINANCIAL                                      | D8PU41 12/20/2    | 021 12/20/20    | 22 12/20/2022   | expiry        |           | 5,930,211                             | 4308.02000000 | 105,0/1                |                              |             | (101,904   | ,,       |      |            |               | (101,904    | /           |             |             | 0003                   |
| 144727 Call Options - S&P 500                |                           |                 |                 | ACCESS / MORGAN   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
| 144727 Call Options - 30F 300                |                           | F., L. I. L. E. | Footbook day    | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3U               | 170070 10 (00 (0  | 004 40 (00 (00) | 10 /00 /0000    | F !           |           | 4 500 000                             | 4568.02000000 | 075.050                |                              |             | (364,620   | .,       |      |            |               | (364,620    |             |             |             | 0003                   |
|  | LIABILITY HEDGE           | EXHIBIT 5       | Equity/Index    | X-CHANGE FINANCIAL                                      | 12/20/2           | 021 12/20/20    | 22 12/20/2022   | expiry        |           | 4,508,020                             | 4308.02000000 | 375,950                |                              |             | (304,020   | ',·····  |      |            |               | (304,020    | /           |             |             | 0003                   |
| 144729 Call Options - S&P 500                |                           |                 |                 | ACCESS / MORGAN   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
| 144725 0a11 0pt10115 - 301 300               | LIABILITY HEDGE           | Eubibi+ E       | Emri tu / Indos | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3U               | 170070 10/00/0    | 001 10/00/00    | 22 42/20/2022   | Evalen        |           | 6 205 220                             | 4568.02000000 | 526,330                |                              |             | (510, 468  |          |      | 0          |               | (510.468    | ,           |             |             | 0003                   |
| •••••  | LIMBILITI NEUGE           | EXIIIDIT 3      | Equity/index    | X-CHANGE FINANCIAL                                      | 12/20/2           | 021 12/20/20    | 22 12/20/2022   | Expiry        |           | 0,393,226                             | 4300.02000000 | 320,330                |                              |             | (510,400   | "        |      |            |               | (510,400    | /           |             |             | 0003                   |
| 144731 Call Options - S&P 500                |                           |                 |                 | ACCESS / MORGAN   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
| 144731 Call Options - 301 300                | LIABILITY HEDGE           | Evhibit 5       | Equity/Index    | STANLEY/CLEARED THROUGH OBO 9R7GPTS07KV3U               | 170078 1979079    | 021 12/20/20    | 22 12/20/2022   | Evniry        |           | 1 270 400                             | 4568.02000000 | 112.785                |                              |             | (109.386   |          |      | ^          |               | (109.386    | ,           |             |             | 0003                   |
|  | EINDICHT HEUGE            | LAIIIDIT 3      | Equity/ muex    | X-CHANGE FINANCIAL                                      | DEUVIO 12/20/2    | UL 1 12/20/20   | 12/20/2022      | LAPITY        |           | 1,370,400                             | +300.02000000 | 112,700                |                              |             | (103,300   | 1        |      |            |               | (103,300    | 1           |             |             |                        |
| 144733 Call Options - S&P 500                |                           |                 |                 | ACCESS / MORGAN   |                   |                 |                 |               |           |                                       |               |                        |                              |             |            |          |      |            |               |             |             |             |             |                        |
| oo oarr options out ooo                      |                           | Exhibit 5       | Fauity/Index    | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3U               | J70078 12/20/2    | 021 12/20/20    | 22 12/20/2022   | Expiry        |           | 913 604                               | 4568.02000000 | 75, 190                |                              | L           | (72,924    | b        | l    | n          | L             | (72,924     | )           |             | <b>.</b>    | 0003                   |
| 144738 Call Options - S&P 500                |                           |                 | Equ. cy/ mide/  | on on too hit of  | 40.0              |                 | , 20, 2022      | I             |           | 010,004                               |               | 70, 100                |                              | [           | (12,024    | 1        |      |            |               | (12,324     | 1           |             |             |                        |
|  | LIABILITY HEDGE           | Exhibit 5       | Equity/Index    | CITIBANK N.A E570DZWZ7FF32                              | WEFA76 12/20/2    | 021 12/20/20    | 22 12/20/2022   | Expiry        |           | 2,396,526                             | 4568.02000000 | 198,945                |                              | ļ           | (192,950   | )        |      | 0          |               | (192,950    | )           |             |             | 0003                   |
| 01599999999. Subtota                         |                           |                 |                 | II Options and Warrants                                 |                   |                 |                 |               |           |                                       |               | 38,665,391             | 0                            | 28,428,240  | 9,884,661  |          | XXX  | 0          | 0             | (18,543,579 | 28,428,240  | 0           | 0           | XXX                    |
|  | I - Purchased Options -   |                 |                 | -   |                   |                 |                 |               |           | · · · · · · · · · · · · · · · · · · · |               | 38,665,391             | 0                            | 28,428,240  | 9,884,661  |          | XXX  | 0          | 0             |             | 28,428,240  | 0           | 0           | XXX                    |
|  | I - Purchased Options -   |                 |                 |   |                   |                 |                 |               |           |                                       |               | 0                      | 0                            | 0           | 0 (        | ) (      | XXX  | 0          | 0             | 0           | 0           | 0           | 0           | XXX                    |
|  | I - Purchased Options -   |                 | Generation      |   |                   |                 |                 | ·             |           |                                       |               | 0                      | 0                            | 0           | ) (        | ) (      | XXX  | 0          | 0             | 0           | 0           | 0           | 0           | XXX                    |
|  | I - Purchased Options -   |                 |                 |   |                   |                 |                 |               |           |                                       |               | 0                      | 0                            | 0           | 0 (        | ) (      | XXX  | 0          | 0             | 0           | 0           | 0           | 0           | XXX                    |
|  | urchased Options - Call   |                 | and Warra       | nts   |                   |                 |                 |               |           |                                       |               | 38,665,391             | 0                            | 28,428,240  | 9,884,661  | (        | XXX  | 0          | 0             | (18,543,579 | 28,428,240  | 0           | 0           | XXX                    |
|  | urchased Options - Put    |                 |                 |   |                   |                 |                 |               |           |                                       |               | 0                      | 0                            | 0           | ) (        | ) (      | XXX  | 0          | 0             | 0           | 0           | 0           | 0           | XXX                    |
|  | urchased Options - Cap    |                 |                 |   |                   |                 |                 |               |           |                                       |               | 0                      | 0                            | 0           | ) (        | ) (      | XXX  | 0          | 0             | 0           | 0           | 0           | 0           | XXX                    |
|  | urchased Options - Floo   |                 |                 |   |                   |                 |                 |               |           |                                       |               | 0                      | _                            | 0           | ) (        | ) (      | XXX  | 0          | 0             |             | 0           | 0           | 0           | XXX                    |
|  | urchased Options - Coll   |                 |                 |   |                   |                 |                 |               |           |                                       |               | 0                      | 0                            | 0           | ) (        | ) (      | XXX  | 0          | 0             |             | 0           | 0           | 0           | XXX                    |
|  | urchased Options - Oth    | er              |                 |   |                   |                 |                 |               |           |                                       |               | 0                      | 0                            | 0           | ) (        | ) (      | XXX  | 0          | 0             |             | 0           | 0           | 0           | XXX                    |
| 04999999999999999999999999999999999999       |                           |                 |                 | P. 17 : 11 A 27 G                                       |                   | 0040            | 100             |               |           |                                       |               | 38,665,391             | 0                            | 28,428,240  | 9,884,661  | (        | XXX  | 0          | 0             | (18,543,579 | 28,428,240  | 0           | 0           | XXX                    |
| U5699999999. Subtota                         | ıı - Written Options - He | aging Eff       | ective Excl     | uding Variable Annuity Guar                             | antees Under      | SSAP No         | .108            |               |           |                                       |               | 0                      | J C                          | )           | ) (        | )  (     | XXX  | 0          | 0             | . 0         | 0           | 0           | 0           | XXX                    |

## **SCHEDULE DB - PART A - SECTION 2**

|   |                           |                    |                |  |                | Showing       | all Op        | itions, Cap | s, Floors, | Collars, S      | Swaps and     | d Forwards   | s Termina                    | ted During  | Current Y                               | ′ear     |      |            |               |            |             |             |             |               |
|---|---------------------------|--------------------|----------------|--|----------------|---------------|---------------|-------------|------------|-----------------|---------------|--------------|------------------------------|-------------|---|----------|------|------------|---------------|------------|-------------|-------------|-------------|---------------|
| 1   | 2                         | 3                  | 4              | 5  | 6              | 7             | 8             | 9           | 10         | 11              | 12            | 13           | 14                           | 15          | 16                                      | 17       | 18   | 19         | 20            | 21         | 22          | 23          | 24          | 25            |
|   | Description               |                    |                |  |                |               |               |             |            |                 |               | Cumulative   | Current Veer                 |             |   |          |      |            |               |            |             |             |             |               |
|   | Description<br>of Item(s) |                    |                |  |                |               |               |             |            |                 | Strike        | Initial Cost | Current Year<br>Initial Cost |             |   |          |      |            |               |            |             |             |             | Hedge         |
|   | Hedged,                   |                    |                |  |                | Date of       |               | Indicate    |            |                 | Price,        | of Un-       | of Un-                       | Considera-  |   |          |      |            |               | Current    | Gain        | Adjustment  | Gain        | Effectiveness |
|   | Used for                  | Schedule           | Type(s)        |  |                | Maturity      |               | Exercise,   |            |                 | Rate or       | discounted   | discounted                   | tion        |   | Book/    |      | Unrealized | Total Foreign | Year's     | (Loss)      | to Carrying | (Loss)      | at Inception  |
|   | Income                    | 1                  | of             |  |                |               | Termina-      | Expiration, | Number     |                 | Index         | Premium      | Premium                      | Received    | Current                                 | Adjusted |      | Valuation  | Exchange      | (Amortiza- | on          | Value of    | on          | and at        |
|   | Generation                | Exhibit            |                | Exchange, Counterparty   | Trade          |               | tion          | Maturity or | of         | Notional        | Received      | (Received)   | (Received)                   | (Paid) on   | Year                                    | Carrying |      | Increase/  | Change in     | tion)/     | Termination | Hedged      | Termination | Termination   |
| Description   | or Replicated             | Identifier         | (-/            | or Central Clearinghouse                                       | Date           | tion          | Date          | Sale        | Contracts  | Amount          | (Paid)        | Paid         | Paid                         | Termination | Income                                  | Value    | Code | (Decrease) | B./A.C.V.     | Accretion  | Recognized  | Item        | Deferred    | (b)           |
| 06399999999. Subtota<br>139495 Call Options - S&P 500 | i - Written Options - He  | eaging Eff         | ective varia   | able Annuity Guarantees Under SS<br>T                          | AP No.10       | J8            |               |             | I          | I               | I             | 0            | C                            | 0           | 0                                       | (        | XXX  | 0          | 0             | C          | 0           | 0           | 0           | XXX           |
| 139493 Carr Options - 30F 300                         | 1 1 1 2 1 1 1 4 11 2 2 2  | CALLES A. C.       | Equity/Index   | MORGAN STANLEY & CO. INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653  | 04 /00 /0004   | 04/00/0000    | 24 (00 (0000  | W- 4 : 4    |            | 1 710 551       | 3922.43000000 | (90,321      |                              | (337,372    | (335,887)                               |          |      |            |               | 1.485      | (007 070)   |             |             | 0000          |
|   | Liability Hedge           | EXHIBIT 2          | Equity/index   | X-CHANGE FINANCIAL   | 01/06/2021     | 01/06/2022    | J 1/U6/2022   | maturity    |            | 1,710,551       | 3922.43000000 | (90,321      |                              | (337,372    | (335,887)                               |          |      |            |               |            | (337,372)   |             |             | 0003          |
| 140325 Call Options - S&P 500                         |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| ·   |                           | CALLES A. C.       | F : 4 / ! - d  | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078               | 04 /00 /0004   | 04/00/0000    | 24 (00 (0000  | W- 4 : 4    |            | 4 400 000       | 3956.16000000 | (40,004      |                              | (001.007    | (001 140)                               |          |      |            |               | 004        | (001 007)   |             |             | 0003          |
|   | Liability Hedge           | EXHIBIT S          | Equity/Index   | X-CHANGE FINANCIAL   | 01/06/2021     | 01/06/2022    | J 1/U6/2U22   | maturity    |            | 1, 130,890      | 3936.16000000 | (49,921      |                              | (221,967    | ) (221, 146)                            | ,        |      |            |               | 821        | (221,967)   |             |             | 0003          |
| 140364 Call Options - S&P 500                         |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| 140304 Call Options - Sar 300                         |                           |                    |                | STANLEY/CLEARED  | 04 (00 (0004   | 04 (00 (0000  | 24 (00 (0000  |             |            | 0.004.400       | 0000 4000000  | (400,404     |                              | (000,000    | (005,050)                               |          |      |            |               | 0.440      | (000, 000)  |             |             | 0000          |
|   | Liability Hedge           | EXHIBIT 5          | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL         | 01/06/2021     | 01/06/2022    | J1/U6/2022    | Maturity    |            | 3,084,402       | 3823.10000000 | (189, 194    |                              | (698,360    | ) (695, 250)                            | ,        |      | 0          |               | 3, 110     | (698,360)   |             |             | 0003          |
| 140497 Call Options - S&P 500                         |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| 140497 Call Options - Sar 500                         |                           | F., L. 1 L. 1 L. 1 | F: 4 //        | STANLEY/CLEARED  | 04 /00 /0004   | 04/00/0000    | 14 /00 /0000  | W- 4 : 4    |            | 0 000 000       | 2050 04000000 | (450,050     |                              | (1.700.041  | /1 754 011                              |          |      |            |               | 7 500      | (4.700.044) |             |             | 0000          |
|   | Liability Hedge           | EXHIBIT 5          | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078 X-CHANGE FINANCIAL            | 01/06/2021     | 01/00/2022    | 1/00/2022     | mdturity    |            | 8,000,036       | 3856.84000000 | (458,058     |                              | (1,762,341  | ) (1,754,811)                           |          | 1    | 0          |               |            | (1,762,341) |             | l           | 0003          |
| 140E11 0-11 0-1: 00D E00                              |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| 140511 Call Options - S&P 500                         |                           | F 1 21 11 F        |                | STANLEY/CLEARED  | 04 (00 (0004   | 04 (00 (0000  | 24 (00 (0000  |             |            | 4 740 004       | 0004 0000000  | (407.004     |                              | (445.000    | (444.404)                               |          |      |            |               | 4 750      | (445,000)   |             |             | 2000          |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL         | 01/06/2021     | 01/06/2022    | 01/06/2022    | Maturity    |            | 1, /10,691      | 3864.33000000 | (107,001     |                              | (415,860    | (414, 101)                              | )        |      | 0          |               | 1,759      | (415,860)   |             |             | 0003          |
| 440574 0 11 0 11                                      |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| 140571 Call Options - S&P 500                         |                           |                    |                | STANLEY/CLEARED  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            | /           |             |             |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078 X-CHANGE FINANCIAL            | 01/06/2021     | 01/06/2022    | 01/06/2022    | Maturity    |            | 1,615,26/       | 3879.32000000 | (82,301      |                              | (326,692    | ) (325, 339)                            | )        |      | 0          |               | 1,353      | (326,692)   |             |             | 0003          |
| 4400F7 0 11 0 1' 00D F00                              |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| 140657 Call Options - S&P 500                         |                           |                    |                | STANLEY/CLEARED  |                |               |               |             |            |                 |               |              |                              |             |   |          |      | _          |               |            |             |             |             |               |
| 142085 Call Options - S&P 500                         | Liability Hedge           | Exhibit 5          | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>ROYAL BANK OF CANADA       | 01/06/2021     | 01/06/2022    | 01/06/2022    | Maturity    |            | 1,722,564       | 3892.44000000 | (99,316      |                              | (401,805    | (400, 172)                              | )        |      | 0          |               |            | (401,805)   |             |             | 0003          |
| 142000 0011 Options - 001 000                         | Liability Hedge           | Evhibit 5          | Equity/Index   | ES7 IP3U3RH IGC71XBU11   | 01/06/2021     | 01/06/2022    | 11/06/2022    | Maturity    |            | 7 024 717       | 3873.70000000 | (184, 199    |                              | (737.728    | (734, 700)                              |          |      | 0          |               |            | (737,728)   |             |             | 0003          |
|   | Liability neage           | LXIIIDIT 3         | Equity/ Illuex | X-CHANGE FINANCIAL   | 01/00/2021     | 01/00/2022    | 0 1/ 00/ 2022 | maturity    |            | 7,024,717       |               | (104, 105    |                              | (757,720    | (734,700)                               | ,        |      |            |               |            | (131,120)   |             |             | 0000          |
| 139535 Call Options - S&P 500                         |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| 100000 barr options our soo                           | Liability Hedge           | Evhibit 5          | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078               | 01/20/2021     | 01/20/2022    | 11/20/2022    | Maturity    |            | 2 169 202       | 4050.22000000 | (108,614     |                              | (259,506    | (253.555)                               | 1        |      |            |               | 5,951      | (259,506)   |             |             | 0003          |
|   | Liability neage           | LAITIBIT 3         | Equity/ muex   | X-CHANGE FINANCIAL   | 01/20/2021     | 01/20/2022    | 31/20/2022    | maturity    |            | 2, 100,202      | 4030.22000000 | (100,014     |                              | (235,300    | (200,000)                               | ,        |      |            |               |            | (235,300)   |             |             | 0000          |
| 140360 Call Options - S&P 500                         |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| 140000 Gail options Gai 500                           | Liability Hedge           | Evhibit 5          | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078               | 01/20/2021     | 01/20/2022    | 11/20/2022    | Maturity    |            | 2 170 424       | 3928.89000000 | (146.978     |                              | (332,304    | (324.250)                               |          |      | 0          |               | 8.054      | (332,304)   |             |             | 0003          |
|   | Liability houge           | LXIIIDIT 0         | Equity/ macx   | X-CHANGE FINANCIAL   | 01/20/2021     | 01/20/2022    | J 1/ 20/ 2022 | matarity    |            | 2, 170, 424     | 0020.0000000  | (140,070     |                              | (002,004    | (024,200)                               | ,        |      |            |               | 0,004      | (002,004)   |             |             | 0000          |
| 140496 Call Options - S&P 500                         |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
| The lost durit operations out does                    | Liability Hedge           | Evhibit 5          | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078               | 01/20/2021     | 01/20/2022    | 11/20/2022    | Maturity    |            | 7 004 255       | 3963.55000000 | (406, 265    |                              | (934,524    | (912, 263)                              | 1        |      |            |               | 22,261     | (934,524)   |             |             | 0003          |
|   | Liability neage           | LXIIIDIT 3         | Equity/ Illuex | X-CHANGE FINANCIAL   | 01/20/2021     | 01/20/2022    | 31/20/2022    | maturity    |            | 7,004,200       |               | (400,203     |                              | (554,524    | (512,200)                               | ,        |      |            |               | 22,201     | (334,324)   |             |             | 0000          |
| 140509 Call Options - S&P 500                         | j                         |                    |                | ACCESS / MORGAN  |                |               |               | 1           |            |                 |               |              |                              | 1           |   |          | 1    |            |               |            |             |             | 1           |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078               | 01/20/2021     | 01/20/2022    | 11/20/2022    | Maturity    |            | 1 536 560       | 3973.18000000 | (88,277      |                              | (203,820    | (198,983)                               | 1        | l    | n          |               | 4,837      | (203,820)   |             | 1           | 0003          |
|   | L.abty nougo              | ZAIIIDI C J        | Equity/ much   | X-CHANGE FINANCIAL   | 5 1/ 20/ 202 I | 5 ./ EU/ EUEE | ., 20, 2022   |             |            | 1,000,000       |               | (00,211      |                              | (200,020    | (100,000)                               | ,        | 1    |            |               | 4,037      | (200,020)   |             | l           |               |
| 140570 Call Options - S&P 500                         |                           |                    |                | ACCESS / MORGAN  |                |               |               |             |            |                 |               |              |                              |             |   |          | 1    |            |               |            |             |             |             |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078               | 01/20/2021     | 01/20/2022    | 01/20/2022    | Maturity    |            | 2 170 891       | 3990.52000000 | (126,638     |                              | (295,326    | (288, 387)                              |          |      | n          | L             | 6,939      | (295, 326)  | l           | L           | 0003          |
|   | L.abty nougo              | ZAIIIDI C J        | Equity/ much   | X-CHANGE FINANCIAL   | 5 1/ 20/ 202 I | 5 ./ EU/ EUEE | ., 20, 2022   |             |            | 2, 110,031      |               | (120,000     |                              | (200,020    | (200,007)                               | ,        | 1    |            |               | 0,000      | (200,020)   |             | l           |               |
| 140671 Call Options - S&P 500                         |                           |                    |                | ACCESS / MORGAN<br>STANLEY/CLEARED                             |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                               | 01/20/2021     | 01/20/2022    | 01/20/2022    | Maturity    |            | 1 309 479       | 4030.96000000 | (57,079      |                              | (135,531    | (132,403)                               |          | .l   | n          | L             |            | (135,531)   | l           | L           | 0003          |
| 142084 Call Options - S&P 500                         | ,                         |                    |                | WELLS FARGO BANK.  | 20, 2021       |               | ,,            |             |            | 11111 1,000,110 |               |              |                              | (100,001    | , | 1        |      |            |               |            | (100,001)   |             |             |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   |  | 01/20/2021     | 01/20/2022    | 01/20/2022    | Maturity    |            | 6, 169,650      | 3982.81000000 | (165,280     |                              | (502,668    | (493,612)                               | )        |      | 0          |               | 9,056      | (502,668)   |             |             | 0003          |
| 139509 Call Options - S&P 500                         | 1                         |                    |                | MORGAN STANLEY & CO.   |                |               |               |             |            |                 |               |              |                              | 1           |   |          | 1    |            |               |            |             |             | 1           |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                       | 02/05/2021     | 02/04/2022    | 02/04/2022    | Maturity    |            | 1,482,112       | 4085.06000000 | (75,635      |                              | (150,738    | ) (143,465)                             | )        | .    | 0          |               |            | (150,738)   |             |             | 0003          |
| 139511 Call Options - S&P 500                         |                           |                    | L              | MORGAN STANLEY & CO.   |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653<br>X-CHANGE FINANCIAL | 02/05/2021     | 02/04/2022    | 02/04/2022    | Maturity    |            | 1,045,941       | 4118.10000000 | (48,999      | 1                            | (97, 132    | )(92,421)                               | )        |      | 0          |               | 4,711      | (97, 132)   |             |             | 0003          |
|   | ]                         |                    |                | ACCESS / MORGAN  |                |               |               | 1           |            |                 |               |              |                              | 1           |   |          | 1    |            |               |            |             |             | 1           |               |
| 139960 Call Options - S&P 500                         |                           |                    |                | STANLEY/CLEARED  |                |               |               |             |            |                 |               |              |                              |             |   | 1        |      |            |               |            |             |             |             |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL         | 02/05/2021     | 02/04/2022    | 02/04/2022    | Maturity    |            | 1,092,996       | 4075.34000000 | (61,213      |                              | (127,557    | ) (121,671)                             | )        |      | 0          |               | 5,886      | (127,557)   |             |             | 0003          |
| I   | 1                         |                    |                | ACCESS / MORGAN  |                |               |               | 1           |            |                 |               |              |                              | 1           |   |          | 1    |            |               |            |             |             | 1           |               |
| 140366 Call Options - S&P 500                         |                           |                    |                | STANLEY/CLEARED  |                |               |               |             |            |                 |               |              |                              |             |   |          |      |            |               |            |             |             |             |               |
|   | Liability Hedge           | Exhibit 5          | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQ078                               | 02/05/2021     | 02/04/2022    | 02/04/2022    | Maturity    |            | 2,925,832       | 3964.57000000 | (209,874     |                              | (428,768    | (408,588)                               | )        |      | 0          |               | 20, 180    | (428,768)   | l           |             | 0003          |

## **SCHEDULE DB - PART A - SECTION 2**

|                               |                     |            |                |  |               | Showing a           | II Optio       | ns, Cap               | s, Floors, | Collars, S                              | Swaps and         | d Forwards                  | Termina              | ted During         | Current Y    | 'ear     |      |            |               |                   |   |                           |                |                               |
|-------------------------------|---------------------|------------|----------------|--|---------------|---------------------|----------------|-----------------------|------------|---|-------------------|-----------------------------|----------------------|--------------------|--------------|----------|------|------------|---------------|-------------------|---|---------------------------|----------------|-------------------------------|
| 1                             | 2                   | 3          | 4              | 5  | 6             | 7                   | 8              | 9                     | 10         | 11                                      | 12                | 13                          | 14                   | 15                 | 16           | 17       | 18   | 19         | 20            | 21                | 22                                      | 23                        | 24             | 25                            |
|                               | Description         |            |                |  |               |                     |                |                       |            |   |                   | Cumulative<br>Prior Year(s) | Current Year         |                    |              |          |      |            |               |                   |   |                           |                |                               |
|                               | of Item(s)          |            |                |  |               |                     |                |                       |            |   | Strike            | Initial Cost                | Initial Cost         |                    |              |          |      |            |               |                   |   |                           |                | Hedge                         |
|                               | Hedged,<br>Used for | Schedule   | Tuno(a)        |  |               | Date of<br>Maturity |                | Indicate<br>Exercise. |            |   | Price,<br>Rate or | of Un-<br>discounted        | of Un-<br>discounted | Considera-<br>tion |              | Book/    |      | Unrealized | Total Foreign | Current<br>Year's | Gain<br>(Loss)                          | Adjustment<br>to Carrying | Gain<br>(Loss) | Effectiveness<br>at Inception |
|                               | Income              | /          | Type(s)        |  |               |                     |                | expiration,           | Number     |   | Index             | Premium                     | Premium              | Received           | Current      | Adjusted |      | Valuation  | Exchange      | (Amortiza-        | (LUSS)<br>on                            | Value of                  | (LUSS)<br>on   | at inception                  |
|                               | Generation          | Exhibit    | Risk(s)        | Exchange, Counterparty   | Trade         |                     | tion M         | laturity or           | of         | Notional                                | Received          | (Received)                  | (Received)           | (Paid) on          | Year         | Carrying |      | Increase/  | Change in     | tion)/            | Termination                             | Hedged                    | Termination    | Termination                   |
| Description                   | or Replicated       | Identifier | (a)            | or Central Clearinghouse   | Date          | tion                | Date           | Sale                  | Contracts  | Amount                                  | (Paid)            | Paid                        | Paid                 | Termination        | Income       | Value    | Code | (Decrease) | B./A.C.V.     | Accretion         | Recognized                              | Item                      | Deferred       | (b)                           |
|                               |                     |            |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                            |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 140501 Call Options - S&P 500 |                     |            |                | STANLEY/CLEARED  |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 140557 Call Options - S&P 500 | Liability Hedge     | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78 MORGAN STANLEY & CO.            | 02/05/2021    | 02/04/2022 02/      | 04/2022 Matu   | urity                 |            | 9,456,614                               | 4001.49000000     | (581, 119)                  |                      | (1,197,696         | (1,141,819)  |          |      | 0          |               | 55,877            | (1, 197, 696)                           |                           |                | 0003                          |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                         | 02/05/2021    | 02/04/2022 02/      | 04/2022 Matu   | urity                 |            | 1,836,109                               | 4011.21000000     | (112,861)                   |                      | (223,984           | (213, 131)   |          |      | 0          |               | 10,852            | (223, 984)                              |                           |                | 0003                          |
| 141501 Call Options - S&P 500 | 1                   |            |                | MORGAN STANLEY & CO.   |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 141547 Call Options - S&P 500 | Liability Hedge     | Exhibit 5  | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                         | 02/05/2021    | 02/04/2022 02/      | 04/2022 Matu   | urity                 |            | 1,777,972                               | 4026.76000000     | (105, 262)                  |                      | (209, 188          | )(199,067)   |          |      | 0          |               | 10, 121           | (209, 188)                              |                           |                | 0003                          |
| · ·                           | Liability Hedge     | Exhibit 5  | Equity/Indox   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                         | 02/05/2021    | 02/04/2022 02       | 04/2022 Natu   | urity                 |            | 1 257 399                               | 4063.68000000     | (67, 349)                   |                      | (135, 171          | (128,695)    |          |      | 0          |               | 6,476             | (135, 171)                              |                           |                | 0003                          |
| 142089 Call Options - S&P 500 |                     | LXIIIDIT 3 | Equity/ Illuex | BANGEATS BANK TEG . GOGGET PROFIST FOOTGOTS                      | 02/03/2021    | 02/04/2022 02/      | 04/2022 Matu   | ui i ty               |            | 1,237,300                               | 4003.00000000     | (07,049)                    |                      | (155, 171          | (120,033)    |          |      |            |               |                   | (135, 171)                              |                           |                | 0003                          |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                         | 02/05/2021    | 02/04/2022 02/      | 04/2022 Matu   | urity                 |            | 6,620,551                               | 4015.10000000     | (178,812)                   |                      | (595, 120          | (577,927)    |          |      | 0          |               | 17, 194           | (595, 120)                              |                           |                | 0003                          |
| 139507 Call Options - S&P 500 | 1                   |            |                |  |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 140323 Call Options - S&P 500 | Liability Hedge     | Exhibit 5  | Equity/Index   | CITIBANK N.A E570DZWZ7FF32TWEFA76                                | 02/19/2021    | 02/18/2022 02/      | 18/2022 Matu   | urity                 |            | 2,212,488                               | 4115.72000000     | (111,008)                   |                      | (125,334           | ) (110,391)  |          |      | 0          |               | 14,943            | (125,334)                               |                           |                | 0003                          |
| 110020 Garr options Gar Goo   | Liability Hedge     | Exhibit 5  | Fauity/Index   | BNP PARIBAS LONDON ROMUWSFPUBMPROBK5P83                          | 02/19/2021    | 02/18/2022 02/      | 18/2022 Matu   | urity                 |            | 2 414 120                               | 3984.84000000     | (169.935                    |                      | (220,539           | (197.663)    |          |      | 0          |               | 22,876            | (220,539)                               |                           |                | 0003                          |
|                               |                     |            |                | X-CHANGE FINANCIAL   |               |                     |                | ,                     |            |   |                   | (110,000)                   |                      | ,,                 | (,           |          |      |            |               |                   | (===,+==,                               |                           |                |                               |
| 140500 Call Options - S&P 500 |                     |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                               |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                                 | 02/19/2021    | 02/18/2022 02/      | 18/2022 Matu   | urity                 |            | 7, 111,922                              | 4021.96000000     | (453,533)                   |                      | (588,438           | (527, 385)   |          |      | 0          |               | 61,053            | (588, 438)                              |                           |                | 0003                          |
|                               |                     |            |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                            |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 140516 Call Options - S&P 500 |                     |            |                | STANLEY/CLEARED  |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78 X-CHANGE FINANCIAL              | 02/19/2021    | 02/18/2022 02/      | 18/2022 Matu   | urity                 |            | 1,209,757                               | 4031.72000000     | (73,948)                    |                      | (95, 145           | ) (85, 190)  |          |      | 0          |               | 9,955             | (95, 145)                               |                           |                | 0003                          |
| 140583 Call Options - S&P 500 |                     |            |                | ACCESS / MORGAN  |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 140000 carr options car occ   | Liability Hedge     | Exhibit 5  | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078                 | 02/19/2021    | 02/18/2022 02/      | 18/2022 Matu   | urity                 |            | 1 688 780                               | 4049.30000000     | (94,849)                    |                      | (119,828           | (107,060)    |          |      | 0          |               | 12,768            | (119,828)                               |                           |                | 0003                          |
|                               |                     |            |                | X-CHANGE FINANCIAL   |               |                     |                | ,                     |            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                   | (**,***                     |                      | (,                 | (,           |          |      |            |               |                   | , |                           |                |                               |
| 140672 Call Options - S&P 500 |                     |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                               |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 44500 0 11 0 11 0 000 500     | Liability Hedge     | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                                 | 02/19/2021    | 02/18/2022 02/      | 18/2022 Matu   | urity                 |            | 1,212,428                               | 4082.51000000     | (66,097)                    |                      | (79,908            | (71,010)     |          |      | 0          |               |                   | (79,908)                                |                           |                | 0003                          |
| 141530 Call Options - S&P 500 |                     | Exhibit 5  | Equity/Index   | CITIBANK N.A E570DZWZ7FF32TWEFA76                                | 02/10/2021    | 00/10/0000 00       | 10 /2022 No.t. | : +                   |            | 062 176                                 | 4068.84000000     | (54,387)                    |                      | (66,289            | (58,967)     |          |      |            |               |                   | (66,289)                                |                           |                | 0003                          |
| 142087 Call Options - S&P 500 | Liability Hedge     | LXIIIDIT 3 | Equity/ Illuex | WELLS FARGO BANK,  | 02/ 13/ 202 1 | 02/ 10/ 2022   02/  | 10/2022 Matu   | uiity                 |            | 303, 170                                | 4000.04000000     | (34,307                     |                      | (00,203            | (30,307)     |          |      |            |               | 7,521             | (00,203)                                |                           |                | 0003                          |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   |  | 02/19/2021    | 02/18/2022 02/      | 18/2022 Matu   | urity                 |            | 6,402,132                               | 4035.63000000     | (192, 126)                  |                      | (489,441           | (463,578)    |          |      | 0          |               | 25,863            | (489,441)                               |                           |                | 0003                          |
| 139505 Call Options - S&P 500 | 1                   |            |                | DIRECTOR OF STREET   | 00 (05 (0004  | 00 (04 (0000        | 04/0000        |                       |            | 4 005 047                               | 4044 0000000      | /74 745                     |                      | (404,400           | (00,000)     |          |      |            |               | 40.44             | (404, 400)                              |                           |                | 2000                          |
| 140320 Call Options - S&P 500 | Liability Hedge     | Exhibit 5  | Equity/index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573<br>MORGAN STANLEY & CO. | 03/05/2021    | 03/04/2022 03/      | 04/2022 Matu   | urity                 |            | 1,335,947                               | 4014.83000000     | (71,745)                    |                      | (104,498           | )(92,080)    |          |      | 0          |               | 12,417            | (104,498)                               |                           |                | 0003                          |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                         | 03/05/2021    | 03/04/2022 03/      | 04/2022 Matu   | urity                 |            | 2,665,651                               | 3918.78000000     | (178,446)                   |                      | (278,953           | (248,069)    |          |      | 0          |               | 30,885            | (278,953)                               |                           |                | 0003                          |
|                               |                     |            |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                            |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 140328 Call Options - S&P 500 |                     |            |                | STANLEY/CLEARED  |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078 X-CHANGE FINANCIAL              | 03/05/2021    | 03/04/2022 03/      | 04/2022 Matu   | urity                 |            | 1,926,553                               | 4047.48000000     | (99,881)                    |                      | (140,695           | (123, 408)   |          |      | 0          | ·····         | 17,287            | (140,695)                               |                           | ·····          | 0003                          |
| 140506 Call Options - S&P 500 |                     |            |                | ACCESS / MORGAN  |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 140506 Call Upilons - S&P 500 | Liability Hedge     | Exhibit 5  | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078                 | 03/05/2021    | 03/04/2022 03       | 04/2022 Mate   | urity                 |            | 7 689 254                               | 3955.28000000     | (493, 266)                  |                      | (747, 180          | (661,807)    |          | [    | n          |               | 85,373            | (747, 180)                              |                           |                | 0003                          |
| 140559 Call Options - S&P 500 |                     |            | qu. ty/ mdex   | MORGAN STANLEY & CO.   | 30, 00, 2021  | 3, 5 ., 2022 100/   | / Lone   md tt | ,                     |            | ,000,204                                |                   | (400,200                    |                      | (171,100           | , (001,007)  |          |      | v          |               |                   | (147,100)                               | ]                         |                |                               |
| 44507.0.11.0.11               | Liability Hedge     | Exhibit 5  | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                         | 03/05/2021    | 03/04/2022 03/      | 04/2022 Matu   | urity                 |            | 1,267,845                               | 3966.80000000     | (75, 495                    |                      | (115,723           | (102,656)    |          |      | 0          |               | 13,067            | (115,723)                               |                           |                | 0003                          |
| 141507 Call Options - S&P 500 | 1 : : 1 :           | For this 5 | F: 4 /1 1      | DADOLAVO DANK DLO OCCOPETIVIDE TO MESTO                          | 00 /05 /0004  | 00/04/0000          | 04/0000        |                       |            | 1 100 007                               | 0070 44000000     | (00.000                     |                      | (400,000           | (00.505)     |          |      |            |               | 44 500            | (100,000)                               |                           |                | 0000                          |
| 141534 Call Options - S&P 500 | Liability Hedge     | EXNIBIT 5  | Equity/index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                         | 03/05/2021    | 03/04/2022 03/      | 04/2022 Matu   | urity                 |            | 1, 129,237                              | 3976.41000000     | (66,838)                    |                      | (100,093           | )(88,525)    |          |      | 0          |               | 11,568            | (100,093)                               |                           |                | 0003                          |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                         | 03/05/2021    | 03/04/2022 03/      | 04/2022 Matu   | urity                 |            | 1,633,464                               | 3989.85000000     | (93,478)                    |                      | (138,796           | (122,618)    |          |      | 0          |               | 16, 179           | (138,796)                               |                           |                | 0003                          |
| 142091 Call Options - S&P 500 |                     |            |                |  |               | l                   |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
| 139417 Call Options - S&P 500 | Liability Hedge     | Exhibit 5  | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                         | 03/05/2021    | 03/04/2022 03/      | 04/2022 Matu   | urity                 |            | 6,323,736                               | 3970.64000000     | (197,024)                   |                      | (710,237           | ) (676, 137) |          |      | 0          |               | 34, 100           | (710,237)                               |                           |                | 0003                          |
| oaii options oai oo           | Liability Hedge     | Exhibit 5  | Equity/Index   | WELLS FARGO BANK, N.A KB1H1DSPRFMYMCUFXT09                       | 03/19/2021    | 03/18/2022 03/      | 18/2022 Matu   | urity                 |            | 1.075.229                               | 4091.15000000     | (53,993)                    |                      | (97,761            | )(86,339)    |          | [    | 0          |               |                   | (97,761)                                |                           |                | 0003                          |
|                               | .,,                 |            | ,,,            | X-CHANGE FINANCIAL   |               |                     |                | .,                    |            | , ,                                     |                   | . (22,300)                  |                      |                    | . (22,300)   |          |      |            |               | ,                 | . (2.,.0.)                              |                           |                |                               |
| 140318 Call Options - S&P 500 |                     |            |                | ACCESS / MORGAN<br>STANLEY/CLEARED                               |               |                     |                |                       |            |   |                   |                             |                      |                    |              |          |      |            |               |                   |   |                           |                |                               |
|                               | Liability Hedge     | Exhibit 5  | Equity/Index   |  | 03/19/2021    | 03/18/2022 03/      | 18/2022 Matu   | urity                 |            | 1,233,801                               | 4112.67000000     | (55, 393)                   |                      | (105, 135          | (93,417)     |          |      | 0          |               | 11,718            | (105, 135)                              |                           |                | 0003                          |

| 1                             | 2                         | 3            | 4              | 5   | 6              | 7 T            | 8                | T 9                        | 10013,       | 11                                      | 12                | d Forwards                    | 14                           | 15                    | 1 16            | 17                   | 18   | 19                     | 20                    | 21                   | 22                | 23                 | 24                | 25                    |
|-------------------------------|---------------------------|--------------|----------------|---|----------------|----------------|------------------|----------------------------|--------------|---|-------------------|-------------------------------|------------------------------|-----------------------|-----------------|----------------------|------|------------------------|-----------------------|----------------------|-------------------|--------------------|-------------------|-----------------------|
| '                             | _                         | 3            |                |   |                | _ ′            | U                | 3                          | 10           | ''                                      | 12                | Cumulative                    |                              |                       | 10              | ''                   | 10   | 13                     | 20                    | 21                   | 22                | 25                 | 24                | 25                    |
|                               | Description<br>of Item(s) |              |                |   |                |                |                  |                            |              |   | Strike            | Prior Year(s)<br>Initial Cost | Current Year<br>Initial Cost | r                     |                 |                      |      |                        |                       |                      |                   |                    |                   | Hedge                 |
|                               | Hedged,                   |              |                |   |                | Date of        |                  | Indicate                   |              |   | Price,            | of Un-                        | of Un-                       | Considera-            |                 |                      |      |                        |                       | Current              | Gain              | Adjustment         | Gain              | Effectiveness         |
|                               | Used for                  | Schedul      |                |   |                | Maturity       |                  | Exercise,                  |              |   | Rate or           | discounted                    | discounted                   | tion                  | 0 1             | Book/                |      | Unrealized             | Total Foreign         |                      | (Loss)            | to Carrying        | (Loss)            | at Inception          |
|                               | Income<br>Generation      | Exhibit      | of<br>Risk(s)  | Exchange, Counterparty  | Trade          |                | Termina-<br>tion | Expiration,<br>Maturity or | Number<br>of | Notional                                | Index<br>Received | Premium<br>(Received)         | Premium<br>(Received)        | Received<br>(Paid) on | Current<br>Year | Adjusted<br>Carrying |      | Valuation<br>Increase/ | Exchange<br>Change in | (Amortiza-<br>tion)/ | on<br>Termination | Value of<br>Hedged | on<br>Termination | and at<br>Termination |
| Description                   | or Replicated             | Identifie    |                | or Central Clearinghouse  | Date           | tion           | Date             | Sale                       | Contracts    | Amount                                  | (Paid)            | Paid                          | Paid                         | Termination           |                 | Value                | Code | (Decrease)             | B./A.C.V.             | Accretion            | Recognized        | Item               | Deferred          | (b)                   |
|                               |                           |              |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140410 Call Options - S&P 500 |                           |              |                | STANLEY/CLEARED   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL  | 03/19/2021     | 03/18/2022     | 03/18/2022       | Maturity                   |              | 2,394,816                               | 3991.36000000     | (148,538)                     |                              | (283,056              | (251,635        | )                    |      | 0                      |                       | 31,421               | (283,056)         |                    |                   | 0003                  |
| 140504 Call Options - S&P 500 |                           |              |                | ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078  | 03/19/2021     | 03/18/2022     | 03/18/2022       | Maturity                   |              | 7,654,226                               | 4028.54000000     | (432,009)                     |                              | (825,702              | 2) (734,316     | )                    | .    | 0                      |                       | 91,386               | (825,702)         |                    |                   | 0003                  |
|                               | , ,                       |              |                | X-CHANGE FINANCIAL  |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140520 Call Options - S&P 500 | 0                         |              |                | ACCESS / MORGAN<br>STANLEY/CLEARED  |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL  | 03/19/2021     | 1 03/18/2022   | 03/18/2022       | Maturity                   |              | 2,021,115                               | 4042.23000000     | (110,006)                     |                              | (210,445              | 5)(187, 174     | )                    |      | 0                      |                       | 23,271               | (210,445)         |                    |                   | 0003                  |
| 140587 Call Options - S&P 500 |                           |              |                | ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140367 Gall Options - 30F 300 | Liability Hedge           | Evhibit 5    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078  | 03/19/2021     | 1 03/18/2022   | 03/18/2022       | Maturity                   |              | 1 215 018                               | 4050.06000000     | 0 (64,795)                    |                              | (123,918              | 3) (110,211     |                      |      | 0                      |                       | 13,707               | (123,918)         |                    |                   | 0003                  |
|                               | Liability neage           | . LXIIIDIT O | Equity/ mac/   | X-CHANGE FINANCIAL  | 00/ 13/ 202 1  | 00/ 10/ 2022   | 00/ 10/ 2022     | matarity                   |              | 1,210,010                               | 4000.0000000      | (04,700)                      |                              | (120,010              | (110,211        | 1                    | 1    |                        |                       | 10,707               | (120,010)         |                    |                   | 0000                  |
| 140660 Call Options - S&P 500 | 0                         |              |                | ACCESS / MORGAN<br>STANLEY/CLEARED  |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CB0 9R7GPTS07KV3UQJZQ078  | 03/19/2021     | 03/18/2022     | 03/18/2022       | Maturity                   |              | 1,219,125                               | 4063.75000000     | 0 (62,659)                    |                              | (119,811              | (106,556        | i)                   |      | 0                      |                       | 13,255               | (119,811)         |                    |                   | 0003                  |
| 142090 Call Options - S&P 500 |                           | Eubibi+ E    | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573  | 02/10/2021     | 09/10/0000     | 02/10/2022       | Maturitu                   |              | 6 660 300                               | 4044.19000000     | (386,969)                     |                              | (570, 177             | 7)(488.318      |                      |      |                        |                       |                      | (570, 177)        |                    |                   | 0003                  |
|                               | Liability Hedge           | . EXHIBIT 5  | Equity/index   | X-CHANGE FINANCIAL  | 03/ 19/ 202 1  | 03/ 18/ 2022   | 03/18/2022       | maturity                   |              |   | 4044.19000000     | (380, 909)                    |                              | (5/0, 1//             | (408,310        |                      |      |                        |                       | 81,839               | (5/0, 1//)        |                    |                   | 0003                  |
| 139993 Call Options - S&P 500 | 0                         |              |                | ACCESS / MORGAN<br>STANLEY/CLEARED  |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78  | 04/06/2021     | 04/06/2022     | 04/06/2022       | Maturity                   |              | 1,272,291                               | 4240.97000000     | (54,541)                      |                              | (72,054               | 1)(57,709       | )                    |      | 0                      |                       | 14,345               | (72,054)          |                    |                   | 0003                  |
|                               |                           |              |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140521 Call Options - S&P 500 |                           |              |                | STANLEY/CLEARED   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL  | 04/06/2021     | 1 04/06/2022   | 04/06/2022       | Maturity                   |              | 2,908,794                               | 4155.42000000     | (158, 146)                    |                              | (228,011              | 1) (186,416     | )                    |      | 0                      |                       | 41,595               | (228,011)         |                    |                   | 0003                  |
| 140595 Call Options - S&P 500 | 0                         |              |                | ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078  | 04/06/2021     | 04/06/2022     | 04/06/2022       | Maturity                   |              | 11,324,124                              | 4194.12000000     | 0 (554, 345)                  |                              | (774,981              | 1) (629, 181    | )                    |      | 0                      |                       | 145,800              | (774, 981)        |                    |                   | 0003                  |
|                               |                           |              |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140663 Call Options - S&P 500 | 0                         |              |                | STANLEY/CLEARED   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL  | 04/06/2021     | 1 04/06/2022   | 04/06/2022       | Maturity                   |              | 2, 106,225                              | 4212.45000000     | (97,971)                      |                              | (134,350              | ))(108,582      | )                    |      | 0                      |                       | 25,768               | (134,350)         |                    |                   | 0003                  |
| 140680 Call Options - S&P 500 |                           |              |                | ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140000 Carr Options - Gar 300 | Liability Hedge           | Exhibit 5    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078  | 04/06/2021     | 04/06/2022     | 04/06/2022       | Maturity                   |              | 1.690.684                               | 4226.71000000     | 75,525                        |                              | (101,776              | 81,912          | 1                    |      | 0                      |                       | 19.864               | (101,776)         |                    |                   | 0003                  |
|                               |                           |              |                | X-CHANGE FINANCIAL  |                |                |                  |                            |              | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                   | (12,000)                      |                              | , , , , , , ,         | 1               |                      |      |                        |                       |                      | (,                |                    |                   |                       |
| 140723 Call Options - S&P 500 | 0                         |              |                | ACCESS / MORGAN<br>STANLEY/CLEARED  |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78<br>X-CHANGE FINANCIAL  | 04/06/2021     | 04/06/2022     | 04/06/2022       | Maturity                   |              | 854,306                                 | 4271.53000000     | (33,477)                      |                              | (41,924               | (33, 119        | )                    |      | 0                      | ļ                     |                      | (41,924)          |                    | ļ                 | 0003                  |
| 140700 0-11 0-1 000 500       |                           |              |                | ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140730 Call Options - S&P 500 | U Liability Hedge         | Evhihit 5    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078  | 04/06/2021     | 1 04/06/2022   | 04/06/2022       | Maturity                   |              | 1 200 624                               | 4302.08000000     | (46, 180)                     |                              | (53,721               | (41.575         |                      |      | 0                      |                       |                      | (53,721)          |                    |                   | 0003                  |
| 142093 Call Options - S&P 500 |                           | LAHIDIT 3    | Equity/ Hide)  | anrui Idorni do de La come de la | 0-7, 007 202 1 | . 04/ 00/ 2022 | 0 17 00/ £0££    | maturity                   |              | 1,230,024                               | 7002.0000000      | (40, 100                      |                              | (50,721               | (41,5/5         | 1                    |      |                        |                       | 12,140               | (50,721)          | ·····              |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   |   | 04/06/2021     | 04/06/2022     | 04/06/2022       | Maturity                   |              | 8 , 116 , 638                           | 4206.34000000     | (183,322)                     |                              | (471, 192             | 2)(422,976      | i)                   | .    | 0                      |                       | 48,216               | (471, 192)        |                    |                   | 0003                  |
| 400004 O 11 O                 |                           |              |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 139961 Call Options - S&P 500 | O<br>Liability Hedge      | Evhihi+ F    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQQ78  | 04/20/2021     | 04/20/2022     | 04/20/2022       | Maturity                   |              | 1 711 004                               | 4279.66000000     | (82.377                       |                              | (71,916               | 6)(47.090       |                      |      |                        |                       | 24,826               | (71,916)          |                    |                   | 0003                  |
| 140562 Call Options - S&P 500 |                           | LAIIIDIL 3   | Equity/ IIIde) | WELLS FARGO BANK,   | U+/ 2U/ 2U2 I  | 04/20/2022     | U-1/ ZU/ ZUZZ    | maturity                   |              | 1,711,804                               | 42/3.00000000     | (02,3//                       |                              | (/1,910               | ,, (47,090      | 1                    |      |                        |                       | 24,020               | (/1,810)          |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | N.A KB1H1DSPRFMYMCUFXT09  | 04/20/2021     | 04/20/2022     | 04/20/2022       | Maturity                   |              | 2,691,244                               | 4217.64000000     | (155, 406)                    |                              | (154,297              | 7)(107,462      | )                    | .    | 0                      |                       | 46,835               | (154, 297)        |                    |                   | 0003                  |
|                               |                           |              |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140593 Call Options - S&P 500 |                           |              | F              | STANLEY/CLEARED   | 04/02/22       | 04/00/2227     | 04/00/222        |                            |              |   | 4000 :            |                               |                              |                       |                 |                      |      | _                      |                       |                      | (000 (            |                    |                   | 0000                  |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078 X-CHANGE FINANCIAL   | 04/20/2021     | 04/20/2022     | 04/20/2022       | Maturity                   |              | 8,526,240                               | 4263.12000000     | (428,846)                     |                              | (392,660              | )) (263,419     | )                    |      | 0                      |                       | 129,241              | (392,660)         |                    |                   | 0003                  |
| 140662 Call Options - S&P 500 | 0                         |              |                | ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 0411 07110110 000 000         | Liability Hedge           | Exhibit 5    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078  | 04/20/2021     | 04/20/2022     | 04/20/2022       | Maturity                   |              | 1,719,308                               | 4298.27000000     | (78,573)                      |                              | (64,472               | 2)(40,792       | )                    |      | 0                      |                       | 23,680               | (64, 472)         |                    |                   | 0003                  |
|                               |                           |              |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
| 140676 Call Options - S&P 500 | 0                         |              |                | STANLEY/CLEARED   |                |                |                  |                            |              |   |                   |                               |                              |                       |                 |                      |      |                        |                       |                      |                   |                    |                   |                       |
|                               | Liability Hedge           | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078  | 04/20/2021     | 1 04/20/2022   | 04/20/2022       | Maturity                   | 1            | 1 287 000                               | 4290.00000000     | (60, 184)                     | l                            | (50.835               | 5)(32.697       | N .                  | 1    | 0                      | 1                     | 18.138               | (50.835)          | l .                | Ī                 | 0003                  |

## **SCHEDULE DB - PART A - SECTION 2**

|                               |                           |            |               |                                       |                             | S          | nowing     | ан Ор       | tions, Cap  |           | Collars, S  |               |                               | Termina      |             | Current \ | <u>r</u> ear |      |            |               |            |              |             |             |               |
|-------------------------------|---------------------------|------------|---------------|---------------------------------------|-----------------------------|------------|------------|-------------|-------------|-----------|-------------|---------------|-------------------------------|--------------|-------------|-----------|--------------|------|------------|---------------|------------|--------------|-------------|-------------|---------------|
| 1                             | 2                         | 3          | 4             | 5                                     |                             | 6          | 7          | 8           | 9           | 10        | 11          | 12            | 13                            | 14           | 15          | 16        | 17           | 18   | 19         | 20            | 21         | 22           | 23          | 24          | 25            |
|                               | Description               |            |               |                                       |                             |            |            |             |             |           |             |               | Cumulative                    | O            |             |           |              |      |            |               |            |              |             |             |               |
|                               | Description<br>of Item(s) |            |               |                                       |                             |            |            |             |             |           |             | Strike        | Prior Year(s)<br>Initial Cost | Initial Cost |             |           |              |      |            |               |            |              |             |             | Hedge         |
|                               | Hedged,                   |            |               |                                       |                             |            | Date of    |             | Indicate    |           |             | Price,        | of Un-                        | of Un-       | Considera-  |           |              |      |            |               | Current    | Gain         | Adjustment  | Gain        | Effectiveness |
|                               | Used for                  | Schedule   | Type(s)       |                                       |                             |            | Maturity   |             | Exercise,   |           |             | Rate or       | discounted                    | discounted   | tion        |           | Book/        |      | Unrealized | Total Foreign | Year's     | (Loss)       | to Carrying | (Loss)      | at Inception  |
|                               | Income                    | /          | of            |                                       |                             |            |            | Termina-    | Expiration, | Number    |             | Index         | Premium                       | Premium      | Received    | Current   | Adjusted     |      | Valuation  | Exchange      | (Amortiza- | on           | Value of    | on          | and at        |
|                               | Generation                | Exhibit    | Risk(s)       | Exchange, Cou                         | unterparty                  | Trade      | Expira-    | tion        | Maturity or | of        | Notional    | Received      | (Received)                    | (Received)   | (Paid) on   | Year      | Carrying     |      | Increase/  | Change in     | ` tion)/   | Termination  | Hedged      | Termination | Termination   |
| Description                   | or Replicated             | Identifier | (a)           | or Central Clear                      | ringhouse                   | Date       | tion       | Date        | Sale        | Contracts | Amount      | (Paid)        | Paid                          | Paid         | Termination | Income    | Value        | Code | (Decrease) | B./A.C.V.     | Accretion  | Recognized   | Item        | Deferred    | (b)           |
| 141864 Call Options - S&P 500 |                           |            |               | WELLS FARGO BANK,                     |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | N.A KB1F                              | H1DSPRFMYMCUFXT09 04        | 4/20/2021  | 04/20/2022 | 14/20/2022  | Maturity    |           | 2,624,746   | 4339.62000000 | (109,792)                     |              | (72,477     | (39,389)  | ))           |      | 0          |               | 33,088     | 3 (72,477)   |             |             | 0003          |
| 142092 Call Options - S&P 500 |                           |            |               | WELLS FARGO BANK,                     |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | N.A KB1F<br>X-CHANGE FINANCIAL        | H1DSPRFMYMCUFXT09 04        | 4/20/2021  | 04/20/2022 | 14/20/2022  | Maturity    |           | 7, 140,863  | 4273.46000000 | (163,753)                     |              | (239,904    | (190,554  |              |      | 0          |               | 49,350     | (239,904)    |             |             | 0003          |
|                               |                           |            |               | ACCESS / MORGAN                       |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140314 Call Options - S&P 500 |                           |            |               | STANLEY/CLEARED                       |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/06/2021  | 05/06/2022 | 5/06/2022   | Expiry      |           | 1,747,032   | 4367.58000000 | (76,849)                      |              |             | 26,529    |              |      | 0          |               | 26,529     | 9            |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140319 Call Options - S&P 500 |                           |            |               | STANLEY/CLEARED                       |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/06/2021  | 05/06/2022 | 5/06/2022   | Expiry      |           | 2, 190, 095 | 4380.19000000 | (92,951)                      |              |             | 32,087    |              |      | 0          |               | 32,087     | 7            |             |             | 0003          |
| 140563 Call Options - S&P 500 |                           |            |               | MORGAN STANLEY & CO.                  |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | INTERNATIONAL PLC . 4PQL              | UHN3JPFGFNF3BB653 05        | 5/06/2021  | 05/06/2022 | 5/06/2022   | Expiry      |           | 2,537,786   | 4285.65000000 | (144,049)                     |              |             | 49,727    | '            |      | 0          |               | 49,727     | 7            |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140624 Call Options - S&P 500 |                           |            |               | STANLEY/CLEARED                       |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 08        | 5/06/2021  | 05/06/2022 | 5/06/2022   | Expiry      |           | 9,079,287   | 4323.47000000 | (451, 191)                    |              |             | 155,754   |              |      | 0          |               | 155,754    | 4            |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL                    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140668 Call Options - S&P 500 |                           |            |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/06/2021  | 05/06/2022 | 5/06/2022   | Expiry      |           | 2, 173, 290 | 4346.58000000 | (101, 376)                    |              |             |           |              |      | 0          |               | 34,996     | 3            |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL                    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140682 Call Options - S&P 500 |                           |            |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| I                             | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3U0JZ0078 05        | 5/06/2021  | 05/06/2022 | 5/06/2022   | Expiry      |           | 1.743.672   | 4359.18000000 | (78,545)                      |              |             | 27, 114   |              |      | 0          |               | 27, 114    | 1            |             |             | 0003          |
| 141866 Call Options - S&P 500 |                           |            |               | WELLS FARGO BANK,                     |                             | .,         |            |             |             |           |             |               | (,                            |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  |                                       | H1DSPRFMYMCUFXT09 05        | 5/06/2021  | 05/06/2022 | 5/06/2022   | Expiry      |           | 1,762,423   | 4441.11000000 | (65,862)                      |              |             | 22,736    |              |      | 0          |               | 22,736     | 3            |             |             | 0003          |
| 142095 Call Options - S&P 500 |                           |            |               | WELLS FARGO BANK,                     |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  |                                       | H1DSPRFMYMCUFXT09 05        | 5/06/2021  | 05/06/2022 | 5/06/2022   | Maturity    |           | 8,740,512   | 4340.27000000 | (198,840)                     |              | (208,905    | (140,264  | )            |      | 0          |               | 68,641     | 1 (208,905)  |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140022 Call Options - S&P 500 |                           |            |               | STANLEY/CLEARED                       |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/20/2021  | 05/20/2022 | 5/20/2022   | Expiry      |           | 1,298,268   | 4327.56000000 | (58,039)                      |              |             | 22,261    |              |      | 0          |               | 22,261     | 1            |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140525 Call Options - S&P 500 |                           |            |               | STANLEY/CLEARED                       |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/20/2021  | 05/20/2022 | 5/20/2022   | Expiry      |           | 2, 122, 190 | 4244.38000000 | (118,651)                     |              |             | 45,510    |              |      | 0          |               | 45,510     |              |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140623 Call Options - S&P 500 |                           |            |               | STANLEY/CLEARED                       |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/20/2021  | 05/20/2022 | 5/20/2022   | Expiry      |           | 6,419,595   | 4279.73000000 | (327, 124)                    |              |             | 125,472   |              |      | 0          |               | 125,472    | 2            |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL                    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140667 Call Options - S&P 500 |                           |            |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/20/2021  | 05/20/2022 | 5/20/2022   | Expiry      |           | 2,581,566   | 4302.61000000 | (123,692)                     |              |             | 47,443    |              |      | 0          |               | 47,443     | 3            |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL                    |                             |            |            |             | 1           |           | 1           |               | 1                             |              |             |           |              |      |            | 1             |            |              |             | 1           |               |
| 140727 Call Options - S&P 500 |                           |            |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/20/2021  | 05/20/2022 | 5/20/2022   | Expiry      |           | 873,416     | 4367.08000000 | (34,867)                      |              |             | 13,373    |              |      | 0          |               | 13,373     | 3            |             |             | 0003          |
|                               |                           |            |               | X-CHANGE FINANCIAL                    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
| 140731 Call Options - S&P 500 |                           |            |               | ACCESS / MORGAN<br>STANLEY/CLEARED    |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | THROUGH CBO 9R7G                      | GPTS07KV3UQJZQ078 05        | 5/20/2021  | 05/20/2022 | 5/20/2022   | Expiry      |           | 2. 193.935  | 4387.87000000 | (82,361)                      |              |             | 31.591    |              |      | 0          | L             | 31,591     | ı I          | l           |             | 0003          |
| 141549 Call Options - S&P 500 |                           |            | 1             | WELLS FARGO BANK.                     |                             |            |            |             | . ,         |           | ,,          |               |                               |              |             | . , , , , |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  |                                       | H1DSPRFMYMCUFXT09 05        | 5/20/2021  | 05/20/2022 | 5/20/2022   | Expiry      |           | 935,852     | 4315.09000000 | (45,733)                      |              |             | 17,541    |              |      | 0          |               | 17,541     | 1            |             |             | 0003          |
| 142094 Call Options - S&P 500 | 1                         |            |               | WELLS FARGO BANK,                     |                             |            |            |             | l           |           | l           |               | 1                             |              |             |           |              |      |            | l             |            |              |             | 1           |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | N.A KB1H                              | H1DSPRFMYMCUFXT09 05        | 5/20/2021  | 05/20/2022 | 5/20/2022   | Maturity    |           | 6,752,354   | 4300.53000000 | (160,646)                     |              | (149, 194   | (87,576   | i)           |      | 0          |               | 61,618     | 3 (149, 194) |             |             | 0003          |
| 141317 Call Options - S&P 500 |                           |            |               |                                       |                             |            |            |             |             |           |             |               |                               |              |             |           |              |      |            |               |            |              |             |             |               |
|                               | Liability Hedge           | Exhibit 5  | Equity/Index  | BARCLAYS BANK PLC . G5GS              | SEF7VJP5170UK5573 06        | 6/04/2021  | 06/06/2022 | 6/06/2022   | Expiry      |           | 7,704,326   | 4352.56000000 | (384,318)                     |              |             | 164,408   |              |      | 0          |               | 164,408    | 3            |             |             | 0003          |
| 141318 Call Options - S&P 500 | 1                         |            |               |                                       |                             |            |            |             | L .         |           |             |               |                               |              |             |           | .]           |      |            |               |            |              |             |             |               |
| 141319 Call Options - S&P 500 | Liability Hedge           | Exhibit 5  | Equity/Index  | BARCLAYS BANK PLC . G5GS              | SEF 7VJP5170UK5573 06       | 6/04/2021  | 06/06/2022 | 16/06/2022  | Expiry      |           | 3,315,994   | 4373.71000000 | (156,211)                     |              |             | 66,826    | ·            |      | 0          | ·····         | 66,826     |              |             |             | 0003          |
| 141018 CATT UPLIONS - SAP 300 | 1 :: 1:4 11.3.            | F-4-0 14 5 | Ford A. Co. 1 | DADOLAVO DANY PLO                     | OFF71/ IDE 17014/5570       | 0 /04 /000 | 00/00/0000 | 10 /00 /000 | F i         |           | 4 400 000   | 4000 5400000  | 101 001                       |              |             |           | .]           |      | _          |               | 07.000     |              |             |             | 0000          |
| 141320 Call Options - S&P 500 | Liability Hedge           | EXNIBIT 5  | Equity/Index  | BARCLAYS BANK PLC . G5GS              | om / vJP51/UUK55/3 06       | 0/04/2021  | 00/06/2022 | 10/06/2022  | Expiry      |           | 1,430,208   | 4388.51000000 | (64,694)                      |              |             | 27,675    | ,            |      | 0          |               | 27,675     |              | ·····       |             | 0003          |
|                               | Liability Hedge           | Evhib:+ F  | Equity/Ind-   | BARCLAYS BANK PLC . G5GS              | CEETU IDE 1701 IVEE 70      | 6/04/2024  | 06/06/2022 | 16/06/2022  | Evoiry      |           | 1 005 507   | 4396.97000000 | (54. 140)                     |              |             | 23. 161   | J            |      | ^          |               | 23, 161    |              |             |             | 0003          |
|                               | LIAUTITEV MEDDE           | EXIIIDIL 5 | I⊏quity/index | DMNULATO BANK PLU . GOGO              | DEF / VUPO I / UUNOO / 3 Ut | 0/04/2021  | UU/U0/2U22 | 10/00/2022  | Expiry      |           | 1,220,56/   | 4390.97000000 | [                             |              |             | 23, 161   | U            |      | U          |               | j∠3, 161   | <b> </b>     | 1           | 1           | 10000         |

|  |                         |             |                |   | ;             | Showing             | all Op       | tions, Cap            | s, Floors, | Collars, S  | Swaps and         | d Forwards           | Terminat             | ted During         | Current \ | ⁄ear     |      |            |               |                   |                                       |                        |                |                               |
|--|-------------------------|-------------|----------------|---|---------------|---------------------|--------------|-----------------------|------------|-------------|-------------------|----------------------|----------------------|--------------------|-----------|----------|------|------------|---------------|-------------------|---------------------------------------|------------------------|----------------|-------------------------------|
| 1  | 2                       | 3           | 4              | 5   | 6             | 7                   | 8            | 9                     | 10         | 11          | 12                | 13<br>Cumulative     | 14                   | 15                 | 16        | 17       | 18   | 19         | 20            | 21                | 22                                    | 23                     | 24             | 25                            |
|  | Description             |             |                |   |               |                     |              |                       |            |             |                   | Prior Year(s)        | Current Year         |                    |           |          |      |            |               |                   |                                       |                        |                | 1                             |
|  | of Item(s)              |             |                |   |               |                     |              |                       |            |             | Strike            | Initial Cost         | Initial Cost         |                    |           |          |      |            |               |                   |                                       |                        |                | Hedge                         |
|  | Hedged,<br>Used for     | Schedule    | Type(s)        |   |               | Date of<br>Maturity |              | Indicate<br>Exercise, |            |             | Price,<br>Rate or | of Un-<br>discounted | of Un-<br>discounted | Considera-<br>tion |           | Book/    |      | Unrealized | Total Foreign | Current<br>Year's | Gain<br>(Loss)                        | Adjustment to Carrying | Gain<br>(Loss) | Effectiveness<br>at Inception |
|  | Income                  | /           | of             |   |               |                     | ermina-      | Expiration,           | Number     |             | Index             | Premium              | Premium              | Received           | Current   | Adjusted |      | Valuation  | Exchange      | (Amortiza-        | on                                    | Value of               | on             | and at                        |
| Description                                  | Generation              | Exhibit     | Risk(s)        | Exchange, Counterparty<br>or Central Clearinghouse            | Trade         |                     | tion         | Maturity or           | of         | Notional    | Received          | (Received)           | (Received)           | (Paid) on          | Year      | Carrying | 0-4- | Increase/  | Change in     | tion)/            | Termination                           | Hedged                 | Termination    | Termination                   |
| Description<br>141321 Call Options - S&P 500 | or Replicated           | Identifier  | (a)            | or Central Cleaninghouse                                      | Date          | tion                | Date         | Sale                  | Contracts  | Amount      | (Paid)            | Paid                 | Paid                 | Termination        | Income    | Value    | Code | (Decrease) | B./A.C.V.     | Accretion         | Recognized                            | Item                   | Deferred       | (b)                           |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 06/04/2021    | 06/06/2022 0        | 6/06/2022    | Expiry                |            | 1,460,486   | 4454.07000000     | (54,772)             |                      |                    | 23,431    |          |      | 0          |               | 23,431            |                                       |                        |                | 0003                          |
| 141804 Call Options - S&P 500                |                         |             |                | WELLS FARGO BANK,   |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1                             |
| 141805 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09                                     | 06/04/2021    | 06/06/2022 0        | 6/06/2022    | Expiry                |            | 3,373,015   | 4483.68000000     | (115, 192)           |                      |                    | 49,278    |          |      | 0          |               | 49,278            |                                       |                        |                | 0003                          |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                   | 06/04/2021    | 06/06/2022 0        | 6/06/2022    | Expiry                |            | 2,710,794   | 4316.60000000     | (147,958)            |                      |                    | 63,295    |          |      | 0          |               | 63,295            |                                       |                        |                | 0003                          |
| 142096 Call Options - S&P 500                |                         |             |                | WELLS FARGO BANK,   |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1 '                           |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09<br>X-CHANGE FINANCIAL               | 06/04/2021    | 06/06/2022 0        | 6/06/2022    | Maturity              |            | 9,578,654   | 4371.59000000     | (190,924)            |                      | (138,864           | (57, 188  | )        |      | 0          |               | 81,676            | (138,864)                             |                        |                | 0003                          |
| 140921 Call Options - S&P 500                |                         |             |                | ACCESS / MORGAN   |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1 '                           |
| 140921 Call Options - 3ar 300                | Liability Hedge         | Evhihit 5   | Equity/Index   | STANLEY/CLEARED THROUGH CB0 9R7GPTS07KV3UQJZQ078              | 06/18/2021    | 06/17/2022 0        | 6/17/2022    | Evniry                |            | 1 600 012   | 4249.78000000     | (95,496)             |                      |                    | 44,075    |          |      | 0          |               |                   |                                       |                        |                | 0003                          |
|  | Liability neage         | LXIIIDIT 0  | Equity/ much   | X-CHANGE FINANCIAL  | 00/ 10/ 202 1 | 00/11/2022          | 0/11/2022    | Expiry                |            | 1,000,012   |                   | (00,400)             |                      |                    | 44,070    |          |      |            |               |                   | ,                                     |                        |                | 0000                          |
| 140923 Call Options - S&P 500                |                         |             |                | ACCESS / MORGAN<br>STANLEY/CLEARED                            |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1 '                           |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                              | 06/18/2021    | 06/17/2022 0        | 6/17/2022    | Expiry                |            | 2, 162, 388 | 4324.78000000     | (98,725)             |                      |                    | 45,565    |          |      | 0          |               | 45,565            | i                                     |                        |                | 0003                          |
|  |                         |             |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                         |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1 '                           |
| 140926 Call Options - S&P 500                |                         |             |                | STANLEY/CLEARED   |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | İ '                           |
| 141293 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078                              | 06/18/2021    | 06/17/2022 0        | 6/17/2022    | Expiry                |            | 2, 165,512  | 4331.02000000     | (97, 100)            |                      |                    | 44,815    |          |      | 0          |               | 44,815            |                                       |                        |                | 0003                          |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | BNP PARIBAS LONDON ROMUWSFPUBMPROBK5P83                       | 06/18/2021    | 06/17/2022 0        | 6/17/2022    | Expiry                |            | 2,049,910   | 4312.27575000     | (96,059)             |                      |                    | 44,335    |          |      | 0          |               | 44,335            | i                                     |                        |                | 0003                          |
| 141823 Call Options - S&P 500                | , ,                     |             | . ,            | WELLS FARGO BANK,   |               |                     |              | ' '                   |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1 '                           |
| 141824 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09                                     | 06/18/2021    | 06/17/2022 0        | 6/17/2022    | Expiry                |            | 997,081     | 4370.61000000     | (38,781)             |                      |                    | 17,899    |          |      | 0          |               | 17,899            |                                       |                        |                | 0003                          |
| 141024 Call Options - 3ar 300                | Liability Hedge         | Exhibit 5   | Equity/Index   | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                   | 06/18/2021    | 06/17/2022          | 6/17/2022    | Expiry                |            | 1, 122, 564 | 4356.02000000     | (45,633)             |                      |                    | 21.061    |          |      | 0          |               | 21.061            |                                       |                        |                | 0003                          |
| 141825 Call Options - S&P 500                | Liability Houge IIIIIII | LMIIIDI C   | Equity/ moon   | WELLS FARGO BANK,   | 00, 10, 202 1 | 00/11/2022          | 0, 11, 2022  | Exp.r.y               |            | 1, 122,001  |                   | (10,000)             |                      |                    | 21,001    |          |      |            |               |                   |                                       |                        |                |                               |
| 444000 0 11 0 12 000 500                     | Liability Hedge         | Exhibit 5   | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09                                     | 06/18/2021    | 06/17/2022 0        | 6/17/2022    | Expiry                |            | 9,304,010   | 4295.61000000     | (451,213)            |                      |                    | 208,252   |          |      | 0          |               | 208,252           | 2                                     |                        |                | 0003                          |
| 141826 Call Options - S&P 500                | Lishilitu Hadaa         | Eubibit E   | Emitu/Indov    | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09                   | 06/10/2021    | 06/17/0000          | 6/17/2022    | Evalen                |            | 1,387,473   | 4253.95000000     | (7E 401)             |                      |                    | 34,810    |          |      | 0          |               |                   |                                       |                        |                | 0003                          |
| 142098 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09                                     | 00/ 10/ 202 1 | 00/1//2022 0        | 0/11/2022    | Expiry                |            | 1,367,473   | 4233.93000000     | (75, 421)            |                      |                    | 34,010    |          |      |            |               |                   | ,                                     |                        |                |                               |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   |   | 06/18/2021    | 06/21/2022 0        | 6/21/2022    | Maturity              |            | 8,293,674   | 4306.03000000     | (184,331)            |                      | (107,954           | (21,800   | )        |      | 0          |               | 86, 155           | (107,954)                             |                        |                | 0003                          |
|  |                         |             |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                         |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1 '                           |
| 141117 Call Options - S&P 500                |                         |             |                | STANLEY/CLEARED   |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | l '                           |
| 141347 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | THROUGH CB0 9R7GPTS07KV3UQJZQ078                              | 0//06/2021    | 0//06/2022 0        | //06/2022    | Expiry                |            | 1,366,261   | 4554.20000000     | (54, 207)            |                      |                    | 27,772    |          |      | 0          |               | 27,772            | · · · · · · · · · · · · · · · · · · · |                        | •••••          | 0003                          |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/06/2021    | 07/06/2022 0        | 7/06/2022    | Expiry                |            | 1,680,440   | 4510.77000000     | (77,881)             |                      |                    | 39,901    |          |      | 0          |               | 39,901            |                                       |                        |                | 0003                          |
| 141348 Call Options - S&P 500                |                         |             |                |   |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1 '                           |
| 141737 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/06/2021    | 07/06/2022 0        | 7/06/2022    | Expiry                |            | 1,386,469   | 4525.97000000     | (61,712)             |                      |                    | 31,617    |          |      | 0          |               | 31,617            | · ······                              |                        |                | 0003                          |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | MORGAN STANLEY & CO. INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653 | 07/06/2021    | 07/06/2022 0        | 7/06/2022    | Expiry                |            | 2, 161,908  | 4430.41000000     | (114, 181)           |                      |                    | 58,498    |          |      | 0          |               | 58,498            |                                       |                        |                | 0003                          |
| 141738 Call Options - S&P 500                | , ,                     |             | . ,            | MORGAN STANLEY & CO.  |               |                     |              |                       |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                | 1                             |
| 141740 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653                      | 07/06/2021    | 07/06/2022 0        | 7/06/2022    | Expiry                |            | 1, 153, 575 | 4434.75000000     | (60, 188)            |                      |                    | 30,836    |          |      | 0          | ·····         | 30,836            | ·····                                 |                        |                | 0003                          |
| 3 0211 00110113 001 000                      | Liability Hedge         | Exhibit 5   | Equity/Index   | MORGAN STANLEY & CO. INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653 | 07/06/2021    | 07/06/2022 0        | 7/06/2022    | Expiry                |            | 9,035,071   | 4480.36000000     | (416,684)            |                      |                    | 213,479   |          |      | 0          |               | 213,479           |                                       |                        |                | 0003                          |
| 141827 Call Options - S&P 500                | ,                       |             | ,=,,           | WELLS FARGO BANK,   |               |                     |              | ,                     |            |             |                   |                      |                      |                    |           |          |      |            |               |                   |                                       |                        |                |                               |
| 1/2000 Call Ortions COD FOO                  | Liability Hedge         | Exhibit 5   | Equity/Index   | N.A. KB1H1DSPRFMYMCUFXT09                                     | 07/06/2021    | 07/06/2022 0        | 7/06/2022    | Expiry                |            | 1,466,035   | 4497.74000000     | (64,276)             |                      |                    | 32,931    |          |      | 0          |               | 32,931            | ·                                     |                        |                | 0003                          |
| 142099 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/06/2021    | 07/06/2022 0        | 7/06/2022    | Expiry                |            | 7,829,466   | 4493.39000000     | (164, 763)           |                      |                    | 84 413    |          | l    | n          |               |                   |                                       |                        |                | 0003                          |
| 141532 Call Options - S&P 500                | Z.azty nougo            | - LANIDIC S | Equity/ IIIuex | STREET SHIRT I ES : GUGET FOR STROKESTO                       | 0170072021    | 0.700/2022          | , , JU/ LULE |                       |            | 7,020,400   | 1400.00000000     | (104,700)            |                      |                    |           |          |      |            |               |                   |                                       |                        |                |                               |
| 44500 0 11 0                                 | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/20/2021    | 07/20/2022 0        | 7/20/2022    | Expiry                |            | 1,431,536   | 4565 . 15000000   | (53, 357)            |                      |                    | 29,383    |          |      | 0          |               | 29,383            | 3                                     |                        |                | 0003                          |
| 141533 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/00/0004    | 07/20/2022 0        | 7 /00 /0000  | Evaler                |            | 1,994,926   | 4530.57000000     | (82, 119)            |                      |                    | 45,222    |          |      | _          |               | 4E 000            | ,]                                    |                        |                | 0003                          |
| 141535 Call Options - S&P 500                | LIADITITY meage         | EXIIDIT 5   | Equity/index   | DANGLATO BANK PLC . GOGGEF/VJP51/UK55/3                       | 01/20/2021    | 01/20/2022          | 112012022    | Expiry                |            | 1,994,926   | 4530.57000000     | (82, 119)            |                      |                    | 40,222    |          |      |            |               | 45,222            |                                       |                        |                | 0003                          |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/20/2021    | 07/20/2022 0        | 7/20/2022    | Expiry                |            | 1, 170,912  | 4515.44000000     | (50, 289)            |                      |                    | 27,694    |          |      | 0          |               | 27,694            | ·                                     |                        |                | 0003                          |
| 141536 Call Options - S&P 500                |                         | L           |                |   |               |                     |              | L                     |            |             |                   |                      |                      |                    |           |          |      |            |               |                   | 1                                     |                        |                | l '                           |
| 141537 Call Options - S&P 500                | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/20/2021    | 07/20/2022 0        | 7/20/2022    | Expiry                |            | 1, 143, 191 | 4504.63000000     | (50,588)             |                      |                    | 27,858    |          |      | 0          |               | 27,858            | ·                                     |                        |                | 0003                          |
| 5217 59175115 501 500                        | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/20/2021    | 07/20/2022          | 7/20/2022    | Expiry                |            | 1,474,608   | 4487.34000000     | (68,488)             |                      |                    | 37,715    |          |      | 0          |               | 37,715            | j                                     |                        |                | 0003                          |
| 141538 Call Options - S&P 500                |                         |             |                |   |               |                     |              | ' ' ' ' '             | 1          |             |                   |                      |                      |                    |           |          |      |            | ]             |                   | 1                                     | -                      |                | 1                             |
|  | Liability Hedge         | Exhibit 5   | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573                      | 07/20/2021    | 07/20/2022 0        | 7/20/2022    | Expiry                |            | 2,011,959   | 4411.68000000     | (113,896)            |                      | L                  | 62,721    |          | l    | 0          | L             | 62.721            | 1                                     |                        |                | 0003                          |

## **SCHEDULE DB - PART A - SECTION 2**

|   |                       |              |                |  | Show                   | ing all Op       | otions, Caps,  | , Floors, | Collars, S                              | waps and         | l Forwards             | : Terminat             | ted During  | Current Y | ′ear     |      |            |               |            |             |             |             |                        |
|---|-----------------------|--------------|----------------|--|------------------------|------------------|--|-----------|---|------------------|------------------------|------------------------|-------------|-----------|----------|------|------------|---------------|------------|-------------|-------------|-------------|------------------------|
| 1                                       | 2                     | 3            | 4              | 5  | 6 7                    | 8                | 9  | 10        | 11                                      | 12               | 13                     | 14                     | 15          | 16        | 17       | 18   | 19         | 20            | 21         | 22          | 23          | 24          | 25                     |
|   |                       |              |                |  |                        |                  |  |           |   |                  | Cumulative             |                        |             |           |          |      |            |               |            |             |             |             |                        |
|   | Description           |              |                |  |                        |                  |  |           |   | Ot-il            |                        | Current Year           |             |           |          |      |            |               |            |             |             |             | Hadaa                  |
|   | of Item(s)<br>Hedged, |              |                |  | Date                   | of               | Indicate   |           |   | Strike<br>Price, | Initial Cost<br>of Un- | Initial Cost<br>of Un- | Considera-  |           |          |      |            |               | Current    | Gain        | Adjustment  | Gain        | Hedge<br>Effectiveness |
|   | Used for              | Schedule     | Type(s)        |  | Matur                  |                  | Exercise,  |           |   | Rate or          | discounted             | discounted             | tion        |           | Book/    |      | Unrealized | Total Foreign | Year's     | (Loss)      | to Carrying | (Loss)      | at Inception           |
|   | Income                | /            | of             |  | or                     |                  |  | Number    |   | Index            | Premium                | Premium                | Received    | Current   | Adjusted |      | Valuation  | Exchange      | (Amortiza- | on          | Value of    | on          | and at                 |
|   | Generation            | Exhibit      | Risk(s)        | Exchange, Counterparty   | Trade Expir            | a- tion          | Maturity or  | of        | Notional                                | Received         | (Received)             | (Received)             | (Paid) on   | Year      | Carrying |      | Increase/  | Change in     | tion)/     | Termination | Hedged      | Termination | Termination            |
| Description                             | or Replicated         | Identifier   | (a)            | or Central Clearinghouse   | Date tion              | Date             | Sale   | Contracts | Amount                                  | (Paid)           | Paid                   | Paid                   | Termination | Income    | Value    | Code | (Decrease) | B./A.C.V.     | Accretion  | Recognized  | Item        | Deferred    | (b)                    |
| 141539 Call Options - S&P 500           |                       |              |                |  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573   | 07/20/2021 07/20/2     | 022 07/20/2022   | Expiry   |           | 9,492,400                               | 4457.07000000    | (477,842)              |                        |             | 263, 140  |          |      | 0          |               | 263, 140   |             |             |             | 0003                   |
| 141540 Call Options - S&P 500           |                       |              |                |  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
| 140101 0-11 0-1 00D E00                 | Liability Hedge       | Exhibit 5    | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573   | 07/20/2021 07/20/2     | 022 07/20/2022   | Expiry   |           | 1,755,675                               | 4474.37000000    | (84,425)               |                        |             | 46,492    |          |      | 0          |               | 46,492     |             |             |             | 0003                   |
| 142101 Call Options - S&P 500           |                       |              | F // .         | CONTEST OF FEMALES CONTEST INVESTIGATION AND ADDRESS OF THE CONTEST OF THE CONTES | 07 (00 (0004 07 (00 (0 | 000 (000 (0000   |  |           | 7 070 040                               | 4474 0700000     | (454 445)              |                        |             | 00.000    |          |      |            |               | 00.000     |             |             |             | 0000                   |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | SOCIETE GENERAL 02RNE81BXP4R0TD8PU41 X-CHANGE FINANCIAL  | 07/20/2021 07/20/2     | 022 07/20/2022   | Expiry   |           | 7,276,042                               | 4474.37000000    | (151, 145)             |                        |             | 83,233    |          |      | 0          |               | 83,233     |             |             |             | 0003                   |
|   |                       |              |                | ACCESS / MORGAN  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
| 141152 Call Options - S&P 500           |                       |              |                | STANLEY/CLEARED  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78 X-CHANGE FINANCIAL  | 08/06/2021 08/05/2     | 022 08/05/2022   | Expiry   |           | 10,048,274                              | 4567.40000000    | (462,440)              |                        |             | 275,685   |          |      | 0          |               | 275,685    |             |             |             | 0003                   |
|   |                       |              |                | ACCESS / MORGAN  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
| 141155 Call Options - S&P 500           |                       |              |                | STANLEY/CLEARED  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078   | 08/06/2021 08/05/2     | 022 08/05/2022   | Expiry   |           | 916, 141                                | 4580.71000000    | (40,630)               |                        |             | 24,222    |          |      | 0          |               | 24,222     |             |             |             | 0003                   |
|   |                       |              |                | X-CHANGE FINANCIAL<br>ACCESS / MORGAN  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
| 141158 Call Options - S&P 500           | )                     |              |                | STANLEY/CLEARED  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078   | 08/06/2021 08/05/2     | 022 08/05/2022   | Expiry   |           | 1,377,539                               | 4591.80000000    | (59, 187)              |                        |             | 35,285    |          |      | 0          |               | 35,285     |             |             |             | 0003                   |
|   |                       |              |                | X-CHANGE FINANCIAL   |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
| 141160 Call Options - S&P 500           |                       |              |                | ACCESS / MORGAN<br>STANLEY/CLEARED   |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQ078   | 08/06/2021 08/05/2     | 022 08/05/2022   | Expiry   |           | 1,380,867                               | 4602.89000000    | (57,483)               |                        |             |           |          |      | 0          |               |            |             |             |             | 0003                   |
|   |                       |              |                | X-CHANGE FINANCIAL   |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
| 141163 Call Options - S&P 500           |                       |              |                | ACCESS / MORGAN<br>STANLEY/CLEARED   |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078   | 08/06/2021 08/05/2     | 08/05/2022       | Expiry   |           | 1 383 529                               | 4611.76000000    | (56, 139)              |                        |             |           |          |      | 0          |               |            |             |             |             | 0003                   |
|   |                       |              |                | X-CHANGE FINANCIAL   |                        |                  |  |           | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                  | (01)                   |                        |             |           |          |      |            |               |            |             |             |             |                        |
| 141165 Call Options - S&P 500           |                       |              |                | ACCESS / MORGAN  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
| TITIOG GATT OPTIONS GAT GOO             |                       | Evhihit 5    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078   | 08/06/2021 08/05/2     | 022 08/05/2022   | Evniry   |           | 1 304 842                               | 4649.47000000    | (50,562)               |                        |             | 30, 143   |          |      | 0          |               | 30.143     |             |             |             | 0003                   |
|   | Liability ilouge      | EXITIDIT 5   | Equity/ mucx   | X-CHANGE FINANCIAL   | 00/00/2021 00/00/2     | 007 007 2022     | Expiry   |           | 1,004,042                               |                  | (00,002                |                        |             |           |          |      |            |               |            |             |             |             | 0000                   |
| 141166 Call Options - S&P 500           |                       |              |                | ACCESS / MORGAN  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               |            |             |             |             |                        |
| ,                                       |                       | F.A. ILIA F  | Footbook day   | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078   | 00 /00 /0001 00 /05 /0 | 000 00 (00 (0000 | For the contract of the contra |           | 0.044.704                               | 4689.40000000    | /7E 100                |                        |             | 44,789    |          |      |            |               | 44 700     |             |             |             | 0003                   |
| 141751 Call Options - S&P 500           |                       | EXHIBIT      | Equity/Index   |  | 08/06/2021 08/05/2     | 022 08/05/2022   | expiry   |           | 2,344,701                               | 4089.4000000     | (75, 130)              |                        |             | 44,789    |          |      |            |               | 44,789     |             |             |             | 0003                   |
|   | Liability Hedge       | Evhihit 5    | Equity/Index   | MORGAN STANLEY & CO. INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653  | 08/06/2021 08/05/2     | 022 08/05/2022   | Evniry   |           | 1,774,943                               | 4525.25000000    | (96,962)               |                        |             | 57.804    |          |      | 0          |               | 57.804     |             |             |             | 0003                   |
| 142102 Call Options - S&P 500           |                       | EXITIDIT 5   | Equity/ mucx   | THE BATTORNE TEO . 47 GOTHOUT GITT GEBOOD  | 00/00/2021 00/00/2     | 007 007 2022     | Expiry   |           | 1,774,040                               | 4020.20000000    | (50,502                |                        |             | 07,004    |          |      |            |               |            |             |             |             | 0000                   |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573   | 08/06/2021 08/05/2     | 022 08/05/2022   | Expiry   |           | 6,829,780                               | 4589.58000000    | (143,000)              |                        |             | 85,250    |          |      | 0          |               | 85,250     | l           |             |             | 0003                   |
| 141541 Call Options - S&P 500           |                       |              |                |  |                        |                  |  |           |   |                  | (,                     |                        |             |           |          |      |            |               |            |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573   | 08/20/2021 08/19/2     | 022 08/19/2022   | Expiry   |           | 1,450,301                               | 4588.25000000    | (72,094)               |                        |             | 45,752    |          |      | 0          |               | 45,752     |             |             |             | 0003                   |
| 141543 Call Options - S&P 500           |                       |              |                |  |                        |                  |  |           |   |                  |                        |                        |             |           |          |      |            |               | -          |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573   | 08/20/2021 08/19/2     | 022 08/19/2022   | Expiry   |           | 2,388,733                               | 4650.43000000    | (100,614)              |                        |             | 63,851    |          |      | 0          |               | 63,851     |             |             |             | 0003                   |
| 141769 Call Options - S&P 500           | 1                     |              |                | MORGAN STANLEY & CO.   |                        |                  |  |           |   |                  |                        |                        | 1           |           |          |      |            |               |            |             |             |             |                        |
| 444770.0.11.0.11                        |                       | Exhibit 5    | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653   | 08/20/2021 08/19/2     | 022 08/19/2022   | Expiry   |           | 1,452,324                               | 4532.72000000    | (82,783)               |                        |             | 52,535    |          |      | 0          |               | 52,535     |             |             |             | 0003                   |
| 141770 Call Options - S&P 500           |                       |              |                | MORGAN STANLEY & CO.   | l                      |                  |  |           |   |                  |                        |                        | 1           |           |          |      |            |               |            |             |             |             |                        |
| 141771 Call Options - S&P 500           |                       | Exhibit 5    | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653   | 08/20/2021 08/19/2     | 022 08/19/2022   | Expiry   |           | 6,842,535                               | 4570.48000000    | (355,552)              |                        |             | 225,639   |          |      | 0          |               | 225,639    |             |             |             | 0003                   |
| ,                                       |                       | For this is  | Foreign (In 1  | MORGAN STANLEY & CO.   | 00 /00 /0004 00 /40 /0 | 000 00 /40 /0000 | E  |           | 4 400 040                               | 4507 40000000    | (00,000                |                        | 1           | 43.743    |          |      | _          |               | 40.740     |             |             |             | 0003                   |
| 141772 Call Options - S&P 500           |                       | EXNIBIT 5    | Equity/Index   | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653   | 08/20/2021 08/19/2     | 022 08/19/2022   | expiry   |           | 1,422,012                               | 4597.13000000    | (68,928)               |                        |             | 43,743    |          |      |            |               | 43,743     |             |             |             | 0003                   |
| 141172 0011 Options - 001 000           |                       | Evhibit 5    | Equity/Index   | MORGAN STANLEY & CO. INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653  | 08/20/2021 08/10/2     | 02 08/10/2022    | Expiry   |           | 1 005 3/3                               | 4610.45000000    | (89, 153)              |                        |             | 56,578    |          |      | 0          |               | 56,578     |             |             |             | 0003                   |
| 142104 Call Options - S&P 500           |                       | - LAITIUIT 3 | Equity/ Illuex | HILLIAN HORAL ILO . 4FQUINGUFFGINF388003   | 00/20/2021 00/19/2     | 00/ 13/2022      | LAPITY   |           | 1,800,043                               | 4010.40000000    | (09, 153)              |                        |             |           |          |      |            |               |            |             |             |             | vvv0                   |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Liability Hedge       | Exhibit 5    | Equity/Index   | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573   | 08/20/2021 08/19/2     | 08/19/2022       | Expiry   |           | 6,623,966                               | 4592.69000000    | (141.256)              |                        |             |           |          |      | 0          |               | 89,643     |             |             |             | 0003                   |
|   |                       |              |                | X-CHANGE FINANCIAL   | 20, 202 1 00/ 10/ 2    |                  |  |           | 3,525,500                               |                  | (111,200               |                        |             | 30,040    |          |      |            |               |            | [           |             |             |                        |
| 141379 Call Options - S&P 500           | j                     |              | 1              | ACCESS / MORGAN  |                        |                  |  |           |   |                  | l                      |                        | I           | l         |          |      |            |               |            |             |             |             |                        |
|   |                       | Evhibit 5    | Equity/Index   | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7KV3UQJZQQ78   | 09/03/2021 09/06/2     | 022 00/06/2022   | Evoiry   |           | 1 387 949                               | 4626.14000000    | (74, 235)              |                        | I           | 50,230    |          |      | 0          |               | 50,230     |             |             |             | 0003                   |
|   | LIWITITY Houge        | -AIIIDIL 3   | Equity/ Illuex | X-CHANGE FINANCIAL   | 00/00/2021 00/00/2     | 00/00/2022       | LAPITY   |           | 1,301,042                               | 4020.14000000    | (14,230)               |                        |             | 30,230    |          |      |            |               |            |             |             |             | 0000                   |
| 141382 Call Options - S&P 500           | j                     |              | 1              | ACCESS / MORGAN  |                        |                  |  |           |   |                  | l                      |                        | I           | l         |          |      |            |               |            |             |             |             |                        |
| · ·                                     |                       | Full Shirt F | Fordit O. 1    | STANLEY/CLEARED  | 00 (00 (0004           | 00/00/000        | E  |           | 000 4                                   | 4000 0700000     | (40.000                |                        | 1           | 20 415    |          |      | _          |               | 00 412     |             |             |             | 0000                   |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTSO7KV3UQJZQO78 X-CHANGE FINANCIAL  | 09/03/2021 09/06/2     | UZZ U9/06/2022   | Expiry   |           | 926 , 135                               | 4630.67000000    | (48,982)               |                        |             | 33, 143   |          |      | J0         |               | 33, 143    |             |             |             | 0003                   |
|   | ]                     |              | 1              | ACCESS / MORGAN  |                        |                  |  |           |   |                  | l                      |                        | I           | l         |          |      |            |               |            |             |             |             |                        |
| 141383 Call Options - S&P 500           |                       | L            | l              | STANLEY/CLEARED  | [                      |                  |  |           |   |                  |                        |                        | 1           |           |          |      |            |               |            |             |             |             |                        |
|   | Liability Hedge       | Exhibit 5    | Equity/Index   | THROUGH CBO 9R7GPTS07KV3UQJZQ078   | 09/03/2021 09/06/2     | 022 09/06/2022   | Expiry   |           | 7,000,436                               | 4666.96000000    | (337, 170)             |                        |             | 228 , 139 |          |      | 0          |               | 228 , 139  |             |             |             | 0003                   |

|                               | •                        |               |               |  |             | Showing al          | I Opti       |                                       |           |   |                   |                      |                      |                    |           |          |      | 1          |               |                   |                |                        |                |                               |
|-------------------------------|--------------------------|---------------|---------------|--|-------------|---------------------|--------------|---------------------------------------|-----------|---|-------------------|----------------------|----------------------|--------------------|-----------|----------|------|------------|---------------|-------------------|----------------|------------------------|----------------|-------------------------------|
| 1                             | 2                        | 3             | 4             | 5  | 6           | 7                   | 8            | 9                                     | 10        | 11                                      | 12                | 13<br>Cumulative     | 14                   | 15                 | 16        | 17       | 18   | 19         | 20            | 21                | 22             | 23                     | 24             | 25                            |
|                               | Description              |               |               |  |             |                     |              |                                       |           |   |                   | Prior Year(s)        | Current Year         |                    |           |          |      |            |               |                   |                |                        |                |                               |
|                               | of Item(s)               |               |               |  |             |                     |              |                                       |           |   | Strike            | Initial Cost         | Initial Cost         |                    |           |          |      |            |               |                   |                |                        |                | Hedge                         |
|                               | Hedged,<br>Used for      | Schedul       | e Type(s)     |  |             | Date of<br>Maturity |              | Indicate<br>Exercise.                 |           |   | Price,<br>Rate or | of Un-<br>discounted | of Un-<br>discounted | Considera-<br>tion |           | Book/    |      | Unrealized | Total Foreign | Current<br>Year's | Gain<br>(Loss) | Adjustment to Carrying | Gain<br>(Loss) | Effectiveness<br>at Inception |
|                               | Income                   | /             | of            |  |             |                     |              | Expiration,                           | Number    |   | Index             | Premium              | Premium              | Received           | Current   | Adjusted |      | Valuation  | Exchange      | (Amortiza-        | on             | Value of               | on             | and at                        |
|                               | Generation               | Exhibit       |               | Exchange, Counterparty                                 | Trade       |                     |              | Maturity or                           | of        | Notional                                | Received          | (Received)           | (Received)           | (Paid) on          | Year      | Carrying |      | Increase/  | Change in     | tion)/            | Termination    | Hedged                 | Termination    |                               |
| Description                   | or Replicated            | Identifie     | r (a)         | or Central Clearinghouse X-CHANGE FINANCIAL            | Date        | tion D              | ate          | Sale                                  | Contracts | Amount                                  | (Paid)            | Paid                 | Paid                 | Termination        | Income    | Value    | Code | (Decrease) | B./A.C.V.     | Accretion         | Recognized     | Item                   | Deferred       | (b)                           |
| 141386 Call Options - S&P 500 |                          |               |               | ACCESS / MORGAN  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141000 ULTI OPTIONS ULT 000   | Liability Hedge          | Exhibit 5     | Equity/Index  | STANLEY/CLEARED THROUGH CB0 9R7GPTS07KV3UQJZQ078       | 09/03/2021  | 1 09/06/2022 09/0   | 5/2022 Fx    | xpirv                                 |           | 2,815,141                               | 4691.90000000     | (126,894             |                      |                    | 85,860    |          |      | 0          |               |                   |                |                        |                | 0003                          |
|                               | Liability loogs illining | - Lanton C    | Equity, mac,  | X-CHANGE FINANCIAL                                     | 00, 00, 202 | 00,00,2022          | J, EGEE   E. | · · · · · · · · · · · · · · · · · · · |           | 2,010,111                               |                   | (125,50)             |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141388 Call Options - S&P 500 | )                        |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                     |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
|                               | Liability Hedge          | Exhibit 5     | Equity/Index  | THROUGH OBO 9R7GPTS07KV3UQJZQ078                       | 09/03/2021  | 1 09/06/2022 09/0   | 6/2022 Ex    | xpiry                                 |           | 941, 102                                | 4705.51000000     | (40,874              |                      |                    | 27,657    |          |      | 0          |               | 27,657            |                |                        |                | . 0003                        |
|                               |                          |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141390 Call Options - S&P 500 |                          | C. L. I. I. E | F (1-4-)      | STANLEY/CLEARED THROUGH CBO 9R7GPTS07KV3UQJZQ078       | 00 (00 (000 | 00/00/0000          | · /0000 F.   |                                       |           | 1 414 074                               | 4714.58000000     | (59,907              |                      |                    | 40,535    |          |      |            |               | 40,535            |                |                        |                | 0003                          |
|                               | Liability Hedge          | Exhibit 5     | Equity/Index  | X-CHANGE FINANCIAL                                     | 09/03/2021  | 09/06/2022 09/0     | 0/2022 EX    | xpiry                                 |           | 1,414,3/4                               | 4/14.58000000     | (59,907              |                      |                    | 40,535    |          |      |            |               | 40,030            |                |                        |                | 0003                          |
| 141392 Call Options - S&P 500 |                          |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                     |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
|                               | Liability Hedge          | Exhibit 5     | Equity/Index  |  | 09/03/2021  | 09/06/2022 09/0     | 6/2022 Ex    | xpiry                                 |           | 3,331,954                               | 4759.93000000     | (124,040             |                      |                    | 83,929    |          |      | 0          |               |                   |                |                        |                | 0003                          |
|                               |                          |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141393 Call Options - S&P 500 | )                        |               |               | STANLEY/CLEARED  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 142105 Call Options - S&P 500 | Liability Hedge          | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 09/03/2021  | 1 09/06/2022 09/0   | 6/2022 Ex    | xpiry                                 |           | 958 , 790                               | 4793.95000000     | (32,284              |                      |                    | 21,844    |          |      | 0          |               | 21,844            | ·              |                        |                | 0003                          |
| 142100 Gall Options - Sai 500 | Liability Hedge          | Exhibit 5     | Equity/Index  | BARCLAYS BANK PLC . G5GSEF7VJP5170UK5573               | 09/03/2021  | 09/06/2022 09/0     | 6/2022 Fx    | xpirv                                 |           | 6,356,487                               | 4691.90000000     | (123,443             |                      |                    | 83,525    |          |      | 0          |               |                   | i              |                        |                | 0003                          |
|                               |                          |               |               | X-CHANGE FINANCIAL                                     |             |                     | ,            | .,,                                   |           |   |                   | (122,112             |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141575 Call Options - S&P 500 | )                        |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                     |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
|                               | Liability Hedge          | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 09/20/2021  | 1 09/20/2022 09/2   | 0/2022 Ex    | xpiry                                 |           | 2,668,238                               | 4447.06346500     | (171,888             |                      |                    | 123,854   |          |      | 0          |               | 123,854           |                |                        |                | . 0003                        |
|                               |                          |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141577 Call Options - S&P 500 | 1                        |               | 5 11 // 1     | STANLEY/CLEARED  | 00 (00 (000 | 00 (00 (0000        | . (0000      |                                       |           | 7 474 507                               | 4404 40447000     |                      |                      |                    | 205 250   |          |      |            |               | 005.050           |                |                        |                | 0000                          |
|                               | Liability Hedge          | EXPIDIT 5     | Equity/Index  | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL | 09/20/2021  | 1 09/20/2022 09/2   | J/2022 Ex    | xpiry                                 |           | /, 1/4,56/                              | 4484.10417000     | (424,480             |                      |                    | 305,858   |          |      | 0          |               | 305,858           | ·              |                        |                | . 0003                        |
| 141580 Call Options - S&P 500 |                          |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                     |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
|                               | Liability Hedge          | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 09/20/2021  | 09/20/2022 09/2     | 0/2022 Ex    | xpiry                                 |           | 3,604,714                               | 4505.89282000     | (202,512             |                      |                    | 145,920   |          |      | 0          |               | 145,920           |                |                        |                | 0003                          |
|                               |                          |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141582 Call Options - S&P 500 |                          |               |               | STANLEY/CLEARED  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
|                               | Liability Hedge          | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL | 09/20/2021  | 1 09/20/2022 09/2   | 0/2022 Ex    | xpiry                                 |           | 1,808,458                               | 4521.14487500     | (97,876              |                      |                    |           |          |      | 0          |               | 70,524            | ·              |                        |                | 0003                          |
| 141584 Call Options - S&P 500 |                          |               |               | ACCESS / MORGAN  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141304 Call Options - dai 300 | Liability Hedge          | Exhibit 5     | Equity/Index  | STANLEY/CLEARED THROUGH CB0 9R7GPTS07KV3UQJZQ078       | 09/20/2021  | 09/20/2022 09/2     | 0/2022 Fx    | xpirv                                 |           | 1.359.612                               | 4532.03920000     | (71,628              |                      |                    | 51,611    |          |      | 0          |               | 51.611            | ı İ            |                        |                | 0003                          |
|                               |                          |               |               | X-CHANGE FINANCIAL                                     |             |                     | ,            | .,,                                   |           | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                   | (,                   |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141585 Call Options - S&P 500 | )                        |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                     |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 440000 C-11 C-4: C0D F00      | Liability Hedge          | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTSO7KV3UQJZQO78                       | 09/20/2021  | 1 09/20/2022 09/2   | 0/2022 Ex    | xpiry                                 |           | 1,368,109                               | 4560.36444500     | (67,080              |                      |                    | 48,334    |          |      | 0          |               | 48,334            |                |                        |                | 0003                          |
| 142230 Call Options - S&P 500 | Liability Hedge          | Evhihit 5     | Equity/Index  | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09            | 00/20/2021  | 1 00/20/2022 00/2   | 1/2022 Ev    | xpirv                                 |           | 6 003 003                               | 4503.71395500     | ) (179,544           |                      |                    | 129.370   |          |      | 0          |               | 129,370           |                |                        |                | 0003                          |
|                               | Liability lieuge         | LAIIIDIL      | Equity/ inde/ | X-CHANGE FINANCIAL                                     | 03/20/2021  | 09/20/2022 09/2     | J/ 2022   LA | хриу                                  |           | 0,000,000                               | 4300.71333300     | (175,544             |                      |                    | 125,570   |          |      |            |               | 120,070           | ,              |                        |                | 0003                          |
| 141605 Call Options - S&P 500 |                          |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                     |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
|                               | Liability Hedge          | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTS07KV3UQJZQ078                       | 10/06/2021  | 1 10/06/2022 10/0   | 6/2022 Ex    | xpiry                                 |           | 2,670,492                               | 4450.82100000     | (179,946             |                      |                    | 137,548   |          |      | 0          |               | 137,548           |                |                        |                | . 0003                        |
|                               |                          |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141607 Call Options - S&P 500 | 1                        | F 1 11 11 F   |               | STANLEY/CLEARED  | 40 (00 (000 | 40 (00 (0000 40 (0  |              |                                       |           | 4 000 440                               | 4500 700 45000    | (70.054              |                      |                    | 50.007    |          |      |            |               | 50.007            | .              |                        |                | 0000                          |
|                               | Liability Hedge          | EXPIDIT 5     | Equity/Index  | THROUGH CBO 9R7GPTS07KV3UQJZQ078<br>X-CHANGE FINANCIAL | 10/06/2021  | 1 10/06/2022 10/0   | 5/2022 EX    | xp1ry                                 |           | 1,360,119                               | 4533.72845000     | (76,254              |                      |                    | 58,287    |          |      | 0          |               | 58,287            |                |                        |                | . 0003                        |
| 141609 Call Options - S&P 500 |                          |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                     |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
|                               | Liability Hedge          | Exhibit 5     | Equity/Index  | THROUGH OBO 9R7GPTS07KV3UQJZQ078                       | 10/06/2021  | 1 10/06/2022 10/0   | 6/2022 Ex    | xpiry                                 |           | 1,823,092                               | 4557.72797500     | (96,628              |                      |                    |           |          |      | 0          |               | 73,861            | ı <b>.</b>     |                        |                | 0003                          |
|                               |                          |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 141612 Call Options - S&P 500 |                          |               |               | STANLEY/CLEARED  |             |                     |              |                                       |           |   |                   |                      |                      |                    |           |          |      |            |               |                   |                |                        |                | 1                             |
| 142239 Call Options - S&P 500 | Liability Hedge          | Exhibit 5     | Equity/Index  |  | 10/06/2021  | 1 10/06/2022 10/0   | 6/2022 Ex    | xpiry                                 |           | 1,845,780                               | 4614.45412500     | (85,332              |                      | ·····              | 65,226    |          |      | 0          |               | 65,226            | ·····          |                        |                | 0003                          |
| 172200 Uatt Uptions - 30F 30U | Liability Hedge          | Exhibit 5     | Equity/Index  | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09            | 10/06/2021  | 1 10/06/2022 10/0   | 5/2022 Fv    | xpiry                                 |           | 6,865,765                               | 4507.54715000     | (178, 125            |                      |                    | 136 . 156 |          |      | n          |               | 136, 156          | 3              |                        |                | 0003                          |
| 142842 Call Options - S&P 500 | )                        |               |               | MORGAN STANLEY & CO.                                   | 50, 202     |                     |              | , .,                                  |           | 3,000,700                               |                   | (, 120               |                      |                    |           |          |      |            |               |                   |                |                        |                |                               |
| 140040 Call Ontions Cap 500   | Liability Hedge          | Exhibit 5     | Equity/Index  | INTERNATIONAL PLC . 4PQUHN3JPFGFNF3BB653               | 10/06/2021  | 1 10/06/2022 10/0   | 6/2022 Ex    | xpiry                                 |           | 1,218,756                               | 4579.54572500     | (55,552              |                      | ļ                  | 42,463    |          |      | 0          | ļ             | 42,463            | ·····          |                        |                | 0003                          |
| 142848 Call Options - S&P 500 | Liability Hedge          | Evhih:+ F     | Equity/Index  | WELLS FARGO BANK, N.A. KB1H1DSPRFMYMCUFXT09            | 10/00/2001  | 1 10/06/2022 10/0   | 6/2022 Fx    | vniru                                 |           | 6.618.282                               | 4492.27472500     | (379.932             |                      |                    | 290.414   |          |      |            |               | 290 414           | .]             |                        |                | 0003                          |
|                               | LIQUITILY MEDULE         | . icxiiibil 5 | Luurty/inde   |  |             |                     | J/ 4U44   EX | AUTI V                                | 1         |   | 14434.4/4/2000    |                      |                      |                    | 1         |          |      |            |               |                   |                |                        |                |                               |

# SCHEDULE DB - PART A - SECTION 2 Showing all Ontions Caps Floors Collars Swans and Forwards Terminated During Current Year

|                               |                      |               |               |   |                    | SI          | howing a         | ıll Opt  | tions, Cap               | s, Floors, | Collars, S | Swaps and        | d Forwards            | <b>Termina</b>        | ted During       | Current \                               | ⁄ear              |      |                         |                           |                      |                   |                         |              |                       |
|-------------------------------|----------------------|---------------|---------------|---|--------------------|-------------|------------------|----------|--------------------------|------------|------------|------------------|-----------------------|-----------------------|------------------|---|-------------------|------|-------------------------|---------------------------|----------------------|-------------------|-------------------------|--------------|-----------------------|
| 1                             | 2                    | 3             | 4             | 5   |                    | 6           | 7                | 8        | 9                        | 10         | 11         | 12               | 13                    | 14                    | 15               | 16                                      | 17                | 18   | 19                      | 20                        | 21                   | 22                | 23                      | 24           | 25                    |
|                               | Description          |               |               |   |                    |             |                  |          |                          |            |            |                  | Cumulative            | Current Year          | .                |   |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | of Item(s)           |               |               |   |                    |             |                  |          |                          |            |            | Strike           | Initial Cost          | Initial Cost          |                  |   |                   |      |                         |                           |                      |                   |                         |              | Hedge                 |
|                               | Hedged,              |               |               |   |                    |             | Date of          |          | Indicate                 |            |            | Price,           | of Un-                | of Un-                | Considera-       |   |                   |      |                         |                           | Current              | Gain              | Adjustment              | Gain         | Effectiveness         |
|                               | Used for             | Schedule      | Type(s)       |   |                    |             | Maturity Te      | rmina-   | Exercise,<br>Expiration, | Number     |            | Rate or<br>Index | discounted<br>Premium | discounted<br>Premium | tion<br>Received | Current                                 | Book/<br>Adjusted |      | Unrealized<br>Valuation | Total Foreign<br>Exchange | Year's<br>(Amortiza- | (Loss)            | to Carrying<br>Value of | (Loss)<br>on | at Inception          |
|                               | Income<br>Generation | Exhibit       | Risk(s)       | Exchange, Counterp                                  | artv T             | Trade       |                  | tion     | Maturity or              | of         | Notional   | Received         | (Received)            | (Received)            | (Paid) on        | Year                                    | Carrying          |      | Increase/               | Change in                 | tion)/               | on<br>Termination | Hedged                  | Termination  | and at<br>Termination |
| Description                   | or Replicated        | Identifier    | (a)           | or Central Clearingho                               |                    | Date        |                  | Date     | Sale                     | Contracts  | Amount     | (Paid)           | Paid                  | Paid                  | Termination      |   | Value             | Code | (Decrease)              | B./A.C.V.                 | Accretion            | Recognized        | Item                    | Deferred     | (b)                   |
| 142852 Call Options - S&P 500 | 1                    |               |               | WELLS FARGO BANK,                                   |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | N.A. KB1H1DSPRF<br>X-CHANGE FINANCIAL               | -MYMCUFXT09 10/    | /06/2021 1  | 10/06/2022 10/   | 06/2022  | Expiry                   |            | 2,830,036  | 4509.72892500    | (155,810              |                       |                  | 119,099                                 |                   |      |                         | )                         | 119,099              | 9                 |                         |              | 0003                  |
| 141907 Call Options - S&P 500 |                      |               |               | ACCESS / MORGAN                                     |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 141007 Gall Options Gal Goo   | Liability Hedge      | Exhibit 5     | Equity/Index  | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7K              | (V3U0J70078 10/    | /20/2021 1  | 10/20/2022 10/   | 20/2022  | Expiry                   |            | 949 062    | 4745.30835900    | (37,922               |                       |                  |   |                   |      |                         |                           | 30, 442              | ,                 |                         |              | 0003                  |
|                               |                      |               |               | X-CHANGE FINANCIAL                                  |                    |             |                  | ,        |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 141908 Call Options - S&P 500 | )                    |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                  |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTS07k                              | (V3UQJZQ078 10/    | /20/2021 1  | 10/20/2022 10/   | 20/2022  | Expiry                   |            | 1,435,977  | 4786.58768800    | (50,868               |                       |                  | 40,834                                  |                   |      |                         |                           | 40,834               | 1                 |                         |              | 0003                  |
| 142241 Call Options - S&P 500 |                      |               |               |   |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 142656 Call Options - S&P 500 | Liability Hedge      | Exhibit 5     | Equity/Index  | SOCIETE GENERAL 02RNE81BXF<br>MORGAN STANLEY & CO.  | 4HU (D8PU41 10/    | /20/2021 1  | 10/20/2022 10/   | 20/2022  | Expiry                   |            | 6,391,400  | 4681.34808000    | (143,683              |                       |                  | 115,340                                 |                   |      | (                       | ·                         | 115,340              |                   |                         |              | 0003                  |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | INTERNATIONAL PLC . 4PQUHN3JPF                      | FGFNF3BB653 10/    | /20/2021 1  | 10/20/2022 10/   | 20/2022  | Expiry                   |            | 2,624,983  | 4626.00656200    | (148, 112             |                       |                  | 118,895                                 |                   |      |                         |                           | 118,895              | 5                 |                         |              | 0003                  |
| 142657 Call Options - S&P 500 |                      |               |               | MORGAN STANLEY & CO.                                |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 142660 Call Options - S&P 500 | Liability Hedge      | Exhibit 5     | Equity/Index  | INTERNATIONAL PLC . 4PQUHN3JPF                      | FGFNF3BB653 10/    | /20/2021 1  | 10/20/2022 10/   | 20/2022  | Expiry                   |            | 7,538,350  | 4672.27570000    | (379,417              |                       |                  | 304,573                                 |                   |      |                         |                           | 304,573              | 3                 |                         |              | 0003                  |
| 142000 Gall Options - 301 300 | Liability Hedge      | Exhibit 5     | Equity/Index  | MORGAN STANLEY & CO. INTERNATIONAL PLC . 4PQUHN3JPF | FGENE3RR653 10/    | /20/2021 1  | 10/20/2022 10/   | 20/2022  | Expiry                   |            | 2,796,666  | 4695.86388800    | (132,488              |                       |                  | 106,353                                 |                   |      | (                       | ,                         | 106,353              | 3                 |                         |              | 0003                  |
| 142661 Call Options - S&P 500 | Liability nougo IIII | EMITET 0      | Equity/ macx  | MORGAN STANLEY & CO.                                | G 11 055000        | 20,2021     | 10, 20, 2022     | 20, 2022 | p,                       |            | 2,700,000  | 1000.0000000     | (102, 100             |                       |                  | 111111111111111111111111111111111111111 |                   |      |                         |                           | 100,000              |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | INTERNATIONAL PLC . 4PQUHN3JPF                      | FGFNF3BB653 10/    | /20/2021 1  | 10/20/2022 10/   | 20/2022  | Expiry                   |            | 1,650,883  | 4711.28693400    | (75,092               |                       |                  | 60,279                                  |                   |      |                         |                           | 60,279               |                   |                         |              | 0003                  |
|                               |                      |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN               |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 143649 Call Options - S&P 500 |                      |               |               | STANLEY/CLEARED                                     |                    |             |                  |          |                          |            |            |                  |                       |                       |                  | .==                                     |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTSO7k<br>X-CHANGE FINANCIAL        | (V3UQJZQ0/8 11/    | /05/2021 1  | 11/04/2022 11/   | 04/2022  | Expiry                   |            | 3,353,708  | 4791.01084700    | (185,591              |                       |                  | 157,039                                 |                   |      |                         | ,                         | 157,039              |                   |                         |              | 0003                  |
| 143653 Call Options - S&P 500 |                      |               |               | ACCESS / MORGAN                                     |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| THOUSE CALL OPTIONS CALL COS  | Liability Hedge      | Exhibit 5     | Equity/Index  | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7K              | (V3UQJZQ078 11/    | /05/2021 1  | 11/04/2022 11/   | 04/2022  | Expiry                   |            | 7.741.529  | 4838.45590000    | (382,048              |                       |                  | 323,271                                 |                   |      |                         |                           | 323,271              | 1                 |                         |              | 0003                  |
|                               |                      |               |               | X-CHANGE FINANCIAL                                  |                    |             |                  | .,,      |                          |            |            |                  | (412,111              |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 143657 Call Options - S&P 500 |                      |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                  |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTS07k                              | (V3UQJZQ078 11/    | /05/2021 1  | 11/04/2022 11/   | 04/2022  | Expiry                   |            | 3,400,072  | 4857.24602000    | (160,076              |                       |                  | 135,449                                 |                   |      |                         |                           | 135,449              |                   |                         |              | 0003                  |
|                               |                      |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN               |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 143660 Call Options - S&P 500 |                      |               |               | STANLEY/CLEARED                                     |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTSO7k<br>X-CHANGE FINANCIAL        | (V3UQJZQ0/8 11/    | /05/2021 1  | 11/04/2022 11/   | 04/2022  | Expiry                   |            | 9/4,550    | 4872.74786900    | (44,092               |                       |                  | 37,309                                  |                   |      |                         | ,                         | 37,308               |                   |                         |              | 0003                  |
| 143663 Call Options - S&P 500 |                      |               |               | ACCESS / MORGAN                                     |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| THOUSE CALL OPTIONS CALL COS  | Liability Hedge      | Exhibit 5     | Equity/Index  | STANLEY/CLEARED THROUGH CBO 9R7GPTS07k              | (V3UQJZQ078 11/    | /05/2021 1  | 11/04/2022 11/   | 04/2022  | Expiry                   |            | 976.992    | 4884.96144700    | (42,822               |                       | L                | 36.234                                  |                   |      | (                       |                           | 36,234               | 1                 |                         |              | 0003                  |
|                               |                      |               | . ,           | X-CHANGE FINANCIAL                                  |                    |             |                  |          |                          |            |            |                  | ' ' ' '               |                       | 1                |   |                   |      |                         | 1                         |                      |                   |                         |              |                       |
| 143678 Call Options - S&P 500 |                      |               |               | ACCESS / MORGAN<br>STANLEY/CLEARED                  |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTSO7K<br>X-CHANGE FINANCIAL        | (V3UQJZQ078 11/    | /05/2021 1  | 11/04/2022 11/   | 04/2022  | Expiry                   |            | 1,473,521  | 4911.73736800    | (60, 174              |                       | ·····            | 50,916                                  |                   |      |                         |                           | 50,916               | 3                 |                         |              | 0003                  |
| 149000 Call Cations 000 500   |                      |               |               | ACCESS / MORGAN                                     |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 143680 Call Options - S&P 500 |                      | Evhibit 5     | Equity/Index  | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7N              | (1/2110 170079 447 | /05/2021    | 11/04/2022       | 04/2022  | Evoiry                   |            | 1 000 054  | 4952.13612600    | (72,416               |                       |                  | 61,275                                  |                   |      | ,                       | ,                         | 61,275               |                   |                         |              | 0003                  |
| 143747 Call Options - S&P 500 | Liability Hedge      | CAIIDIL O     | Equity/index  | WELLS FARGO BANK,                                   | 11/                | 100/2021    | 11/04/2022 11/   | 04/2022  | LAPITY                   |            | 1,960,654  | 4302.13012000    | (72,416               |                       |                  | 01,2/5                                  |                   | 1    |                         | <u> </u>                  | 01,2/5               | ,                 |                         |              | 0000                  |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | N.A KB1H1DSPRF                                      | FMYMCUFXT09 11/    | /05/2021 1  | 11/04/2022 11/   | 04/2022  | Expiry                   |            | 7,783,526  | 4850.19972500    | (164,340              |                       |                  | 139,057                                 |                   | .    |                         |                           | 139,057              | 7                 |                         |              | 0003                  |
|                               |                      |               |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN               |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 143682 Call Options - S&P 500 |                      |               |               | STANLEY/CLEARED                                     |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | THROUGH CBO 9R7GPTSO7k<br>X-CHANGE FINANCIAL        | (V3UQJZQ078 11/    | /19/2021 1  | 11/18/2022 11/   | 18/2022  | Expiry                   |            | 1,464,918  | 4883.05962400    | (70,611               |                       | ·····            | 62,464                                  |                   |      | (                       | ·                         | 62,464               | 1                 |                         |              | 0003                  |
| 143684 Call Options - S&P 500 |                      |               |               | ACCESS / MORGAN                                     |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
| 140004 Dall Options - Sar 300 | Liability Hedge      | Exhibit 5     | Equity/Index  | STANLEY/CLEARED THROUGH CBO 9R7GPTSO7N              | (V3110.170078 11/  | /19/2021    | 11/18/2022 11/   | 18/2022  | Expiry                   |            | 1 481 196  | 4937.08616400    | (62.394               |                       |                  | 55, 195                                 |                   | l    | ,                       | ,                         | 55. 195              | ,                 |                         |              | 0003                  |
| 143798 Call Options - S&P 500 | Lawrity nougo        | - ZAITIBITE S | Equity/ Index | BANK OF AMERICA.                                    |                    | 07 202 1    | , .5/ EULE   11/ | .O/ LULL | -np/// J                 |            | 1,701,120  | 7007 .000 10400  | (02,004               |                       |                  |   |                   | 1    |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  |   | (MZ0031MB27 11/    | /19/2021 1  | 11/18/2022 11/   | 18/2022  | Expiry                   |            | 2,784,395  | 4791.44940400    | (171,421              |                       |                  | 151,642                                 |                   |      |                         |                           | 151,642              | 2                 |                         |              | 0003                  |
| 143820 Call Options - S&P 500 | 1 : : 1 : 4 114.     | Facilities F  | Foreign (C. ) | BANK OF AMERICA,                                    | (1/700041/007      | /10 /0001   | 14 /40 /0000     | 10 /0000 | For the second           |            | 1 005 /==  | 4700 0000000     | /444 000              |                       |                  | 00 500                                  |                   |      |                         | ,]                        | 00 ===               | ,                 |                         |              | 0000                  |
| 143829 Call Options - S&P 500 | Liability Hedge      | EXNIBIT 5     | Equity/Index  | N.A B4TYDEB6GK<br>BANK OF AMERICA.                  | (MZ0031MB27 11/    | / 19/2021 1 | 11/18/2022 11/   | 16/2022  | Expiry                   |            | 1,835,177  | 4798.03000000    | (111,390              |                       | ·····            | 98,538                                  |                   |      | (                       | <u> </u>                  | 98,538               |                   |                         |              | 0003                  |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  |   | (MZ0031MB27 11/    | /19/2021 1  | 11/18/2022 11/   | 18/2022  | Expiry                   |            | 6,668,188  | 4834.67000000    | (373,487              |                       |                  | 330,392                                 |                   |      |                         |                           | 330,392              | 2                 |                         |              | 0003                  |
| 143836 Call Options - S&P 500 | , ,                  |               |               | BANK OF AMERICA,                                    |                    |             |                  |          |                          |            |            |                  |                       |                       |                  |   |                   |      |                         |                           |                      |                   |                         |              |                       |
|                               | Liability Hedge      | Exhibit 5     | Equity/Index  | N.A. B4TYDEB6Gk                                     | (MZ0031MB27 11/    | /19/2021 1  | 11/18/2022 11/   | 18/2022  | Expiry                   |            | 2,418,615  | 4850.17000000    | (130,817              |                       |                  | 115,723                                 |                   |      |                         |                           | 115,723              | 3                 |                         | L            | 0003                  |

## **SCHEDULE DB - PART A - SECTION 2**

|  |   |                                       |               |   |                               |               | onowing a                        | ııı Opt                 | liuris, Cap   | )5, FIUUI5,               | Collais, 3         | swaps and  | ı Fulwalus   | i ellillila   | ted During   | Current                   | l eal                                  |      |  |   |  |   |   |   |  |
|--|---|---------------------------------------|---------------|---|-------------------------------|---------------|----------------------------------|-------------------------|---|---------------------------|--------------------|--|--|---|--|---------------------------|--|------|--|---|--|---|---|---|--|
| 1  | 2   | 3                                     | 4             |   | 5                             | 6             | 7                                | 8                       | 9   | 10                        | 11                 | 12   | 13   | 14  | 15   | 16                        | 17                                     | 18   | 19   | 20  | 21   | 22  | 23  | 24  | 25   |
| Description                                  | Description of Item(s) Hedged, Used for Income Generation or Replicated | Schedule<br>/<br>Exhibit<br>Identifie | of<br>Risk(s) | Exchange,   | Counterparty<br>Clearinghouse | Trade<br>Date |                                  | ermina-<br>tion<br>Date | Indicate<br>Exercise,<br>Expiration,<br>Maturity or<br>Sale | Number<br>of<br>Contracts | Notional<br>Amount | Strike<br>Price,<br>Rate or<br>Index<br>Received<br>(Paid) | Cumulative<br>Prior Year(s)<br>Initial Cost<br>of Un-<br>discounted<br>Premium<br>(Received)<br>Paid | Current Year<br>Initial Cost<br>of Un-<br>discounted<br>Premium<br>(Received)<br>Paid | Considera-<br>tion<br>Received<br>(Paid) on<br>Termination | Current<br>Year<br>Income | Book/<br>Adjusted<br>Carrying<br>Value | Code | Unrealized<br>Valuation<br>Increase/<br>(Decrease) | Total Foreign<br>Exchange<br>Change in<br>B./A.C.V. | Current<br>Year's<br>(Amortiza-<br>tion)/<br>Accretion | Gain<br>(Loss)<br>on<br>Termination<br>Recognized | Adjustment<br>to Carrying<br>Value of<br>Hedged<br>Item | Gain<br>(Loss)<br>on<br>Termination<br>Deferred | Hedge<br>Effectiveness<br>at Inception<br>and at<br>Termination<br>(b) |
| 143892 Call Options - S&P 500                | )   |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  |  |   |  |                           |  |      |  |   |  |   |   |   |  |
|  | Liability Hedge   | Exhibit 5                             | Equity/Inde   | x BARCLAYS BANK PLC .<br>X-CHANGE FINANCIAL<br>ACCESS / MORGAN  | G5GSEF7VJP5170UK5573          | 11/19/2021    | 11/18/2022 11.                   | 18/2022 E               | Expiry  |                           | 5,785,000          | 4847.82000000  | (127,708)  | )   |  | 112,973                   |  |      | 0  |   | 112,973  |   |   |   | 0003   |
| 144173 Call Options - S&P 500                |   | Exhibit 5                             | Equity/Inde   | X TANLEY/CLEARED THROUGH CBO X-CHANGE FINANCIAL ACCESS / MORGAN | 9R7GPTS07KV3UQJZQ078          | 12/06/2021    | 12/06/2022 12                    | '06/2022 E              | Expiry  |                           | 5, 148,823         | 4680.74839800  | (368, 159)   | )   |  | 342,943                   |  |      | 0  |   | 342,943  |   |   |   | 0003   |
| 144176 Call Options - S&P 500                | Liability Hedge   | . Exhibit 5                           | Equity/Inde   | STANLEY/CLEARED   | 9R7GPTS07KV3UQJZQ078          | 12/06/2021    | 12/06/2022 12                    | '06/2022 E              | Expiry  |                           | 1,878,177          | 4695.44174200  | (130, 476)   | )   |  | 121,539                   |  |      | 0  |   | 121,539  |   |   |   | 0003   |
| 144179 Call Options - S&P 500                |   |                                       |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED        |                               |               |                                  |                         |   |                           |                    |  |  |   |  |                           |  |      |  |   |  |   |   |   |  |
| 144222 Call Options - S&P 500                |   | Exhibit 5                             |               |   | 9R7GPTS07KV3UQJZQ078          |               |                                  |                         | Expiry  |                           |                    | 4730.33843400  |  | )   |  | 371,038                   |  |      | 0  | -   | 371,038  |   |   |   | 0003   |
| 144226 Call Options - S&P 500                |   |                                       |               |   |                               |               | 12/06/2022 12                    |                         | Expiry  |                           |                    | 4833.19000000  |  | )   |  | 119,995                   |  |      | 0  |   | 119,995  |   |   |   | 0003   |
| 144234 Call Options - S&P 500                | Liability Hedge<br>Liability Hedge                                      | Exhibit 5                             |               | X BARCLAYS BANK PLC .   |                               | 12/06/2021    | 12/06/2022 12/<br>12/06/2022 12/ |                         | Expiry  |                           |                    | 4807.02000000  | (51,753)   |   |  |                           |  |      | ٥٥   |   | 48,208   |   |   |   | 0003   |
| 144242 Call Options - S&P 500                | Liability Hedge   | Exhibit 5                             |               | WELLS FARGO BANK,<br>x N.A.                                     |                               | 12/06/2021    |                                  |                         | Expiry  |                           |                    | 4732.63426900  |  |   |  | 220,818                   |  |      |  |   | 220,818  |   |   |   | 0003   |
| 144710 Call Options - S&P 500                | Liability Hedge   |                                       |               | x SOCIETE GENERAL   |                               |               | 12/20/2022 12                    |                         | Expiry  |                           |                    | 4708.25821400  |  |   |  | 220,010                   |  |      | 0  |   |  |   |   |   | 0003   |
| 144728 Call Options - S&P 500                |   |                                       |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED        |                               |               |                                  |                         |   |                           |                    |  |  |   |  |                           |  |      |  |   |  |   |   |   |  |
| 144730 Call Options - S&P 500                | LIABILITY HEDGE   | Exhibit 5                             | Equity/Inde   | X-CHANGE FINANCIAL<br>ACCESS / MORGAN                           | 9R7GPTS07KV3UQJZQ078          | 12/20/2021    | 12/20/2022 12                    | 20/2022                 | Expiry  |                           | 4,659,380          | 4659.38040000  | (321,360)  | )   |  | 311,675                   |  |      | 0  |   | 311,675  |   |   |   | 0003   |
|  | LIABILITY HEDGE   | Exhibit 5                             | Equity/Inde   | X-CHANGE FINANCIAL  | 9R7GPTS07KV3UQJZQ078          | 12/20/2021    | 12/20/2022 12                    | '20/2022 E              | Expiry  |                           | 6,581,329          | 4700.94938200  | (416,780)  | )   |  | 404,220                   |  |      | 0  |   | 404,220  |   |   |   | 0003   |
| 144732 Call Options - S&P 500                | LIABILITY HEDGE   | Exhibit 5                             | Equity/Inde   | ACCESS / MORGAN<br>STANLEY/CLEARED<br>x THROUGH CBO             | 9R7GPTS07KV3UQJZQ078          | 12/20/2021    | 12/20/2022 12                    | 20/2022                 | Expiry  |                           | 1.442.489          | 4808.29785200  | (71,934)   |   |  |                           |  |      | 0  |   | 69.766   |   |   |   | 0003   |
| 144734 Call Options - S&P 500                |   |                                       |               | X-CHANGE FINANCIAL<br>ACCESS / MORGAN<br>STANLEY/CLEARED        |                               |               |                                  |                         |   |                           |                    |  |  |   |  |                           |  |      |  |   |  |   |   |   |  |
| 144739 Call Options - S&P 500                |   |                                       |               |   | 9R7GPTS07KV3UQJZQ078          |               |                                  |                         | Expiry  |                           |                    | 4833.87876400  |  | )   |  | 44,003                    |  |      | 0  |   | 44,003   |   |   |   | 0003   |
| 0640000000 01-1                              | LIABILITY HEDGE   | Exhibit 5                             |               |   | E570DZWZ7FF32TWEFA76          | 12/20/2021    | 12/20/2022 12                    | 20/2022 E               | Expiry  |                           | 2,474,413          | 4716.48065000  | (153,411)  | )   | (00 =:= =::  | 148,788                   |  | XXX  | 0  |   | 148,788  | (00 = = = =                                       |   |   | 0003XXX  |
|  | ıl - Written Options - He<br>ıl - Written Options - He                  |                                       |               | opuons and warra  | anis                          |               |                                  |                         |   |                           |                    |  | (27,482,809)   | 1 0   | (20,717,748)   | (7,589,628                |  | XXX  | 0  | 0   | 13, 128, 120   | (20,717,748)                                      | 1 0   | 0   | XXX  |
|  |   |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | (27,482,809  | , 0   | (20,717,748)   | (7,589,628                | 1                                      | XXX  | 0  | 0   | 13, 128, 120   | (20,717,748)                                      | 0   | 0   | XXX  |
|  | II - Written Options - Re<br>II - Written Options - Inc                 |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | 0  | -   | 0  |                           |  | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
|  |   |                                       | neration      |   |                               |               |                                  |                         |   |                           |                    |  | 0  | -   | 0  |                           |  | XXX  | 0  |   | 0  | 0   | 0   | 0   | XXX  |
|  | II - Written Options - Ot   |                                       | d Marranta    |   |                               |               |                                  |                         |   |                           |                    |  | (07, 400, 000  |   | (00 747 740)   | (7.500.000                |  | XXX  | 0  | 0   | 10 100 100   | (00 747 740)                                      |   | 0   |  |
|  | ritten Options - Call Op<br>ritten Options - Put Op                     |                                       | u vvalidilis  | 1   |                               |               |                                  |                         |   |                           |                    |  | (27,482,809)   | , 0   | (20,717,748)   | (7,589,628                |  | XXX  | 0  | 0   | 13, 128, 120   | (20,717,748)                                      | 0   | 0   | XXX  |
| 09399999999999999999999999999999999999       |   | UUIIS                                 |               |   |                               |               |                                  |                         |   |                           |                    |  | 1 0  | 0   | 0  | (                         |  | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
|  | ritten Options - Caps<br>ritten Options - Floors                        |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | 1 0  | 0   | <u> </u>   | (                         |  | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
|  | ritten Options - Floors   |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | 1 0  | 0   | , ,  | (                         |  | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
|  |   | •                                     |               |   |                               |               |                                  |                         |   |                           |                    |  | 1 0  | 1 0   | . 0  |                           |  | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
| 09799999999999999999999999999999999999       |   |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | (07 400 600  | J .   | (00 747 715  | /7 500                    | 0                                      | XXX  | 0  | -   | 10 100 100   | (00 747 710                                       | 1 0   | 0   |  |
| 09899999999999999999999999999999999999       | ritten Options<br>il - Swaps - Hedging Ef                               | footivo C                             | voluding \/   | riable Appuits Co   | arantaga Undar Co             | SAD No. 1     | Λ0                               |                         |   |                           |                    |  | (27,482,809)   | , 0   | (20,717,748)   | (7,589,628                |  | XXX  | 0  | 0   | 13, 128, 120   | (20,717,748)                                      | 0   | 0   | XXX  |
|  |   |                                       |               |   |                               |               | UÕ                               |                         |   |                           |                    |  | 0  | 0   | 0  |                           | 0                                      | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
|  | I - Swaps - Hedging Ef  |                                       | ariable Anr   | uny Guarantees t  | JIIUEI SSAP NO.10             | 0             |                                  |                         |   |                           |                    |  | 0  | 0   | 0  | (                         | 0                                      |      | 0  | 0   | 0  | 0   | 0   | 0   |  |
|  | II - Swaps - Hedging Ot   |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | 0  | 0   | 0  | (                         |  | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
|  | I - Swaps - Replication   |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | 0  | 0   | 0  | (                         |  | XXX  | - 0  | 0   | - 0  | 0   | 0   | 0   | XXX  |
|  | I - Swaps - Income Ger  | neration                              |               |   |                               |               |                                  |                         |   |                           |                    |  | 0  | 0   | 0  | (                         |  | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
| 1349999999. Subtotal<br>1359999999. Total Sv | waps - Interest Rate  |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | 0  | 0   | 0  | (                         | 0                                      | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
| 1369999999. Total Sv                         | waps - Credit Default   |                                       |               |   |                               |               |                                  |                         |   |                           |                    |  | 0  | 0   | 0  | (                         | 0                                      | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |
| 13799999999. Total Sv                        | waps - Foreign Exchan   | ge                                    |               |   |                               |               |                                  |                         |   |                           | •                  | •  | 0  | 0   | 0  | (                         | 0                                      | XXX  | 0  | 0   | 0  | 0   | 0   | 0   | XXX  |

## **SCHEDULE DB - PART A - SECTION 2**

| 1                                      | 2   | 3           | 4              | 5  | 6    | 7               | 8            | 9           | 10        | 11                 | 12                 | 13                          | 14           | 15                       | 16              | 17                | 18   | 19                      | 20                  | 21                  | 22                        | 23             | 24                      | 25            |
|--|---|-------------|----------------|--|------|-----------------|--------------|-------------|-----------|--------------------|--------------------|-----------------------------|--------------|--------------------------|-----------------|-------------------|------|-------------------------|---------------------|---------------------|---------------------------|----------------|-------------------------|---------------|
|  | Description                                 |             |                |  |      |                 |              |             |           |                    |                    | Cumulative<br>Prior Year(s) | Current Year |                          |                 |                   |      |                         |                     |                     |                           |                |                         |               |
|  | of Item(s)                                  |             |                |  |      |                 |              |             |           |                    | Strike             | Initial Cost                | Initial Cost |                          |                 |                   |      |                         |                     |                     |                           |                |                         | Hedge         |
|  | Hedged,                                     |             |                |  |      | Date of         |              | Indicate    |           |                    | Price,             | of Un-                      | of Un-       | Considera-               |                 |                   |      |                         |                     | Current             | Gain                      | Adjustment     | Gain                    | Effectiveness |
|  | Used for                                    | Schedule    | Type(s)        |  |      | Maturity        |              | Exercise,   |           |                    | Rate or            | discounted                  | discounted   | tion                     |                 | Book/             |      |                         | Total Foreign       | Year's              | (Loss)                    | to Carrying    | (Loss)                  | at Inception  |
|  | Income                                      | Exhibit     | of<br>Di-I/(-) | Fushers Countries                                  | T    | or              | Termina-     | Expiration, | Number    | Netional           | Index              | Premium                     | Premium      | Received                 | Current<br>Year | Adjusted          |      | Valuation               | Exchange            | (Amortiza-          | on                        | Value of       | on                      | and at        |
| Description                            | Generation<br>or Replicated                 | Identifier  | Risk(s)        | Exchange, Counterparty<br>or Central Clearinghouse | Date | Expira-<br>tion | tion<br>Date | Maturity or | Contracts | Notional<br>Amount | Received<br>(Paid) | (Received)                  | (Received)   | (Paid) on<br>Termination |                 | Carrying<br>Value | Code | Increase/<br>(Decrease) | Change in B./A.C.V. | tion)/<br>Accretion | Termination<br>Recognized | Hedged<br>Item | Termination<br>Deferred | Termination   |
| 13899999999. Total Sw                  |   | lucituilei  | (a)            | or Certifal Cleaninghouse                          | Date | tion            | Date         | Sale        | Contracts | Amount             | (Faiu)             | raiu                        | raiu         | remination               | income          | value             | XXX  | (Decrease)              | B./A.C.V.           | Accietion           | Recognized                | iteiii         | Deletted                | XXX           |
| 13999999999999999999999999999999999999 |   |             |                |  |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        |                 | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
| 14099999999. Total Sw                  |   |             |                |  |      |                 |              |             |           |                    |                    | -                           | 0            | 0                        |                 | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
|  |   |             |                |  |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | 9               | 0                 |      | 0                       | 0                   | 0                   | 0                         | 0              | 0                       |               |
| 1479999999. Subtotal                   |   |             |                |  |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | (               | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
| 15099999999. Subtotal                  |   |             |                |  |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | (               | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
|  |   |             |                | nuity Guarantees Under SSAP No.                    | 108  |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | (               | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
| 1699999999. Subtotal                   | <ul> <li>I - Hedging Effective V</li> </ul> | 'ariable An | nuity Guara    | antees Under SSAP No.108                           |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | (               | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
| 1709999999. Subtotal                   | I - Hedging Other                           |             |                |  |      |                 |              |             |           |                    |                    | 11, 182, 582                | 0            | 7,710,492                | 2,295,033       | 0                 | XXX  | 0                       | 0                   | (5,415,459          | 7,710,492                 | 0              | 0                       | XXX           |
| 17199999999. Subtotal                  | I - Replication                             |             |                |  |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | (               | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
| 1729999999. Subtotal                   | I - Income Generation                       |             |                |  |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | (               | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
| 1739999999. Subtotal                   | I - Other                                   |             |                |  |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | (               | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
| 1749999999. Subtotal                   | I - Adjustments for SSA                     | AP No. 108  | B Derivative   | es   |      |                 |              |             |           |                    |                    | 0                           | 0            | 0                        | (               | 0                 | XXX  | 0                       | 0                   | 0                   | 0                         | 0              | 0                       | XXX           |
| 1759999999 - Totals                    |   |             |                |  |      |                 |              |             |           |                    |                    | 11, 182, 582                | 0            | 7,710,492                | 2,295,033       | 0                 | XXX  | 0                       | 0                   | (5,415,459          | 7,710,492                 | 0              | 0                       | XXX           |

| _   |      |                               |
|-----|------|-------------------------------|
| (a) | Code | Description of Hedged Risk(s) |
|     |      |                               |

| (b) Code | Financial or Economic Impact of the Hedge at the End of the Reporting Period |
|----------|--|
| 0003     | Equity derivatives hedging portfolio's exposure to equity markets            |

# Schedule DB - Part B - Section 1 - Futures Contracts Open NONE

Schedule DB - Part B - Section 1B - Brokers with whom cash deposits have been made **NONE** 

Schedule DB - Part B - Section 2 - Futures Contracts Terminated  $\bf N$   $\bf O$   $\bf N$   $\bf E$ 

## **SCHEDULE DB - PART D - SECTION 1**

Counterparty Exposure for Derivative Instruments Open December 31 of Current Year

| Contact   Contracts   Contra | 1  | 2             | 3       | Counterpa                               |               | Book               | d/Adjusted Carrying \ |                 |                | Fair Value     |           | 12        | 13          |
|--|--|---------------|---------|---|---------------|--------------------|-----------------------|-----------------|----------------|----------------|-----------|-----------|-------------|
| Description of Exchange   Agreement   Annex   Acceptable   Cyr or N   Acceptable   Contracts with   Contracts with   Contracts with   Exposure   Potential   Carrying Value > 0   Collateral   Carrying Value >  | · ·  | _             | Credit  | 4                                       | 5             | 6                  | 7                     | 8               | 9              |                | 11        |           |             |
| Description of Exchange   Agreement   Annex   Acceptable   Cyr or N   Acceptable   Contracts with   Contracts with   Contracts with   Exposure   Potential   Carrying Value > 0   Collateral   Carrying Value >  |  | Master        | Support | Fair Value of                           | Present Value | Contracts With     | Contracts With        |                 | -              |                |           |           |             |
| Counterparty or Central Clearinghouses   | Description of Exchange  | Agreement     |         |   |               |                    |                       | Exposure Net of | Contracts With | Contracts With | Exposure  | Potential | Off-Balance |
| 01999999999 - Aggregate Sum of Exchange Traded Derivatives XXX XXX XXX   |  |               |         |   |               |                    |                       |                 |                |                |           |           |             |
| Sum of Jan   A   |  |               | ` '     |   | Tromiani      | Carrying value - 0 | Carrying value to     | Ocinatoral      | Tall Value o   | Tan Value 10   | n n       |           | 0           |
| A  |  | ү             | Ү       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |               |                    | (203, 444)            | 15.330          | 21.594         |                | 21.594    | 0         | 0           |
| PF art isst London   ROMINSPRINTER(RSR)   Y   Y   510 000   1.731 427   1.149,924   0   426,684   0 0   0   0   1.171 147   1.149,924   0   426,684   0 0   0   0   0   1.171 147   1.149,924   0   426,684   0 0   0   0   0   0   0   0   0   0  |  | Y             | Ү       |   |               | 4,547,488          | (3,513,340)           | 1,034,148       | 961,051        |                | 961,051   | 0         | 0           |
| Section  |  | Y             | Y       | 510,000                                 |               | 1,731,427          |                       | 0               | 426,684        |                | 0         | 0         | 0           |
| Pilorgan Diase Bank, N.A.   7450.DRIJSUTSPREEFT   Y. Y.  |  | Y             | Y       | 860,511                                 |               | 3,955,118          | (3,335,638)           | 0               | 762,834        |                | 0         | 0         | 0           |
| Drgsn Stanley & Co. International P.C.   4PUMRQFF6FF888653   V   V   460,000   2, 159,900   (1,809,371)   0.0   489,531   29,531   0.0   |  | Y             | Y       |   |               |                    | (47,747)              |                 |                |                | 0         | 0         | 0           |
| DREAM STATE (158)   447UNHO.PFGH-9888653   Y   Y   .   |  | Y             | Y       |   |               |                    |                       | 98,686          |                |                |           |           |             |
| Noyal Bank of Canada   EST/P3/GRHG(7/18/H1   Y   Y   310,000   1,319,905   (1,002,155)   .7,750   .414,188   .104,188   .0   .0   .0   .0   .0   .0   .0   | Morgan Stanley & Co International PLC                          | Y             | Υ       | 460,000                                 |               |                    |                       | 0               |                |                |           | 0         | 0           |
| Society General   OZREGIBNPAPOTISPPUHI   Y, Y   40,000   43,889   (30,066)   0   1,706   0   0   0   |  | Y             | Y       |   |               |                    |                       |                 |                |                |           | 0         | 0           |
| Tell S From Rank, N.A.   N.B.   M.B.   M.B |  |               | Y       |   |               |                    | (1,002,155)           | /,/50           | 414, 188       |                | 104, 188  | 0         | 0           |
| 0299999999. Total NAIC 1 Designation 2,280,511 0 24,814,134 (20,130,882) 2,986,898 5,432,175 0 3,458,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |  | Y             | Y       |   |               |                    |                       | 40.450          | 1,706          |                | 0         | 0         | 0           |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |  | Y             | Ү       |   |               |                    | (==-,,                |                 |                |                | 0         | U         |             |
| 099999999 - Gross Totals 2,260,511 0 24,814,134 (20,130,892) 2,986,898 5,432,175 0 3,458,416 0 1. Offset per SSAP No. 64   |  |               |         | 2,260,511                               | 0             | 24,814,134         | (20, 130, 892)        | 2,986,898       | 5,432,1/5      | 0              | 3,458,416 | 0         | 0           |
| 1. Offset per SSAP No. 64  | 0899999999. Aggregate Sum of Central Clearinghouses (Excluding | Exchange Trad | led)    |   |               |                    |                       | 0               |                |                | 0         |           |             |
| 1. Offset per SSAP No. 64  |  |               |         |   |               |                    |                       |                 |                |                |           |           |             |
| 1. Offset per SSAP No. 64  |  |               |         |   |               |                    |                       |                 |                |                |           |           |             |
| 1. Offset per SSAP No. 64  |  |               |         |   |               |                    |                       |                 |                |                |           |           |             |
| 1. Offset per SSAP No. 64  |  | L             |         |   |               |                    |                       |                 |                |                |           |           |             |
| 1. Offset per SSAP No. 64  |  |               |         |   |               |                    |                       |                 |                |                |           |           |             |
| 1. Offset per SSAP No. 64  |  |               |         |   |               |                    |                       |                 |                |                |           |           |             |
| 1. Offset per SSAP No. 64  |  |               |         | •••••                                   | •••••         |                    |                       |                 |                |                |           |           |             |
| 1. Offset per SSAP No. 64  |  |               |         |   |               |                    |                       |                 |                |                |           |           |             |
| 1. Offset per SSAP No. 64  | 099999999 - Gross Totals                                       | -             |         | 2 260 511                               | 0             | 24 814 134         | (20 130 892)          | 2 986 898       | 5 432 175      | 0              | 3 458 416 | 0         | 0           |
|  |  |               |         | 2,200,011                               | •             | 24,014,104         | (20,100,002)          | 2,000,000       | 0,402,110      |                | 0,400,410 |           | ·           |
| Z NEL STEF FIGURE OF SSAP NO. 04. (20.130.892)]  | 2. Net after right of offset per SSAP No. 64                   |               |         |   |               | 24.814.134         | (20, 130, 892)        | 1               |                |                |           |           |             |

## **SCHEDULE DB - PART D - SECTION 2**

Collateral for Derivative Instruments Open December 31 of Current Year

#### Collateral Pledged by Reporting Entity

| 1   | 2                  | 3        | 4        | 5          | 6         | 7             | 8        | 9                 |
|---|--------------------|----------|----------|------------|-----------|---------------|----------|-------------------|
|   |                    |          |          |            |           | Book/Adjusted |          | Type of           |
| Exchange, Counterparty or Central Clearinghouse |                    | CUSIP    |          |            |           | Carrying      | Maturity | Type of<br>Margin |
| or Central Clearinghouse                        | Type of Asset Pled | Identifi | <u> </u> | Fair Value | Par Value | Value         | Date     | (I, V or IV)      |
|   |                    |          |          |            |           |               |          |                   |
|   |                    |          |          |            |           |               |          |                   |
|   |                    |          |          |            |           |               |          | . [               |
|   |                    |          |          |            |           |               |          |                   |
|   |                    |          |          |            |           |               |          |                   |
|   | <b>1</b>           |          |          |            |           |               |          |                   |
|   |                    |          |          |            |           |               |          |                   |
|   |                    |          |          |            |           |               |          |                   |
|   |                    |          |          | •••••      |           |               |          |                   |
|   |                    |          |          |            |           |               |          |                   |
|   |                    |          |          |            |           |               |          |                   |
|   |                    |          |          |            |           |               |          |                   |
| 019999999 - Total                               |                    |          |          |            |           |               | XXX      | XXX               |

#### Collateral Pledged to Reporting Entity

| 1   | 2                     | 3              | 4               | 5          | 6         | 7             | 8        | 9            |
|---|-----------------------|----------------|-----------------|------------|-----------|---------------|----------|--------------|
|   |                       |                |                 |            |           | Book/Adjusted |          | Type of      |
| Exchange, Counterparty or Central Clearinghouse |                       | CUSIP          |                 |            |           | Carrying      | Maturity | Margin       |
| or Central Clearinghouse                        | Type of Asset Pledged | Identification | Description     | Fair Value | Par Value | Value         | Date     | (I, V or IV) |
| Morgan Stanley & Co International PLC           | Cash                  |                | Cash Collateral |            | 70,000    | XXX           |          | V            |
| BNP Paribas                                     | Cash                  |                | Cash Collateral | 510,000    | 510,000   | XXX           |          | V            |
| Citibank NA E570DZWZ7FF32TWEFA76 .              | Cash                  |                | Cash Collateral | 860,511    | 860,511   | XXX           |          |              |
| Morgan Stanley & Co International PLC           | Cash.                 |                | Cash Collateral |            |           | XXX           |          |              |
| Royal Bank of Canada                            | Cash                  |                | Cash Collateral | 310,000    | 310,000   | XXX           |          |              |
| Societe Generale                                | Cash                  |                | Cash Collateral | 40,000     | 40,000 .  | XXX           |          | v            |
| Wells Fargo Bank NA KB1H1DSPRFMYMCUFXTO9 .      | Cash                  |                | Cash Collateral | 80,000     | 80,000    | XXX           |          |              |
|   |                       |                |                 |            |           |               |          |              |
|   |                       |                |                 |            |           |               |          |              |
|   |                       |                |                 |            |           |               |          | 1            |
|   |                       |                |                 |            |           |               |          |              |
| 029999999 - Total                               | <u>'</u>              |                |                 | 2,260,511  | 2,260,511 | XXX           | XXX      | XXX          |

Schedule DB - Part E - Derivatives Hedging Variable Annuity Guarantees as of December 31 of Current Year

### NONE

Schedule DL - Part 1 - Reinvested Collateral Assets Owned **NONE** 

Schedule DL - Part 2 - Reinvested Collateral Assets Owned **NONE** 

## **SCHEDULE E - PART 1 - CASH**

| 1  | 2    | 3        | 4                  | 5                   | 6             | 7    |
|--|------|----------|--------------------|---------------------|---------------|------|
|  |      |          | Amount of Interest | Amount of Interest  |               |      |
|  |      | Rate of  | Received During    | Accrued December 31 |               |      |
| Depository   | Code | Interest | Year               | of Current Year     | Balance       | *    |
| PNC Bank Pittsburgh, PA  |      |          |                    |                     | (5, 109, 548) | XXX. |
| Bank of New York Mellon New York, NY                                 |      |          |                    |                     |               | XXX. |
| 0199998 Deposits in depositories which do not exceed the             |      |          |                    |                     |               |      |
| allowable limit in any one depository (See instructions) - open      |      |          |                    |                     |               |      |
| depositories   | XXX  | XXX      |                    |                     |               | XXX  |
| 0199999. Totals - Open Depositories                                  | XXX  | XXX      | 0                  | 0                   | (3,454,558)   | XXX  |
| 0299998 Deposits in depositories which do not exceed the             |      |          |                    |                     |               |      |
| allowable limit in any one depository (See instructions) - suspended |      |          |                    |                     |               |      |
| depositories   | XXX  | XXX      |                    |                     |               | XXX  |
| 0299999. Totals - Suspended Depositories                             | XXX  | XXX      | 0                  | 0                   | 0             | XXX  |
| 0399999. Total Cash on Deposit                                       | XXX  | XXX      | 0                  | 0                   | (3,454,558)   | XXX  |
| 0499999. Cash in Company's Office                                    | XXX  | XXX      | XXX                | XXX                 |               | XXX  |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
|  |      |          |                    |                     |               |      |
| 0500000 T-t-L  |      |          |                    | ^                   | (0.454.550)   |      |
| 0599999 Total - Cash   | XXX  | XXX      | 0                  | 0                   | (3,454,558)   | XXX  |

#### TOTALS OF DEPOSITORY BALANCES ON THE LAST DAY OF EACH MONTH DURING THE CURRENT YEAR

| 1. | January  | 9,573,484  | 4. | April | 14,349,636 | 7. | July      | 8,255,471  | 10. | October  |             |
|----|----------|------------|----|-------|------------|----|-----------|------------|-----|----------|-------------|
| 2. | February | 11,990,615 | 5. | May   | 15,719,120 | 8. | August    | 9,418,732  | 11. | November | (487,657)   |
| 3. | March    | 6,947,462  | 6. | June  | 10,420,008 | 9. | September | 12,785,066 | 12. | December | (3,454,559) |

## **SCHEDULE E - PART 2 - CASH EQUIVALENTS**

Show Investments Owned December 31 of Current Year

| 1                                       | 2   | 3    | 4             | 5                | 6             | 7                               | 8                                  | 9                           |
|---|---|------|---------------|------------------|---------------|---------------------------------|------------------------------------|-----------------------------|
| CUSIP                                   | Description   | Code | Date Acquired | Rate of Interest | Maturity Date | Book/Adjusted<br>Carrying Value | Amount of Interest Due and Accrued | Amount Received During Year |
|   | Total - U.S. Government Bonds   | Code | Date Acquired | Nate of interest | Maturity Date | Carrying value                  | Due and Accided                    | During real                 |
|   | Total - All Other Government Bonds  |      |               |                  |               | 0                               | 0                                  |                             |
|   | Total - U.S. States. Territories and Possessions Bonds  |      |               |                  |               | 0                               | 0                                  |                             |
|   | Total - U.S. Political Subdivisions Bonds   |      |               |                  |               | 0                               | 0                                  |                             |
|   | Total - U.S. Special Revenues Bonds   |      |               |                  |               | 0                               | 0                                  |                             |
|   | AMERICAN ELECTRIC POWER CO INC COMMERCIA  |      | 12/15/2022    | 0.000            | 01/19/2023    | 4,987,847                       | 0                                  |                             |
|   | BECTON DICKINSON AND CO COMMERCIAL PAPER  |      | 12/15/2022    | 0.000            | 01/19/2023    | 4,987,847                       |                                    |                             |
|   | HP INC COMMERCIAL PAPER   |      | 12/20/2022    | 0.000            | 01/23/2023    | 2,991,370                       |                                    | 4,0                         |
|   | MARRIOTT INTERNATIONAL INC/ND COMMERCIAL  |      | 12/16/2022    | 0.000            | 01/11/2023    | 3,993,652                       |                                    |                             |
|   | MARRIOTT INTERNATIONAL INC/ND COMMERCIAL  |      | 12/15/2022    | 0.000            | 01/13/2023    |                                 |                                    |                             |
|   | MONDELEZ INTERNATIONAL INCOMMERCIAL PA  |      | 12/23/2022    | 0.000            | 01/19/2023    |                                 |                                    |                             |
|   |   |      | 12/20/2022    | 0.000            | 02/06/2023    | 4,9/6,212                       |                                    |                             |
|   | NASDAQ INC COMMERCIAL PAPER RYDER SYSTEM INC FIXED COUPON O MATURIT   |      | 12/15/2022    | 0.000            | 01/18/2023    | 4,988,878                       |                                    |                             |
|   |   | .    | 12/ 14/2022   | 0.000            | 01/05/2023    | 2,998,413                       |                                    | ,                           |
|   | VII CREDIT INC COMMERCIAL PAPER TORONTO-COMINION BANK/THE COMMERCIAL PAP  |      | 12/21/2022    | 0.000            | 02/22/2023    |                                 |                                    | 1,4                         |
|   |   |      | 12/29/2022    |                  | 02/01/2023    | ,,                              |                                    |                             |
| •••••                                   | RECKITT BENCKISER TREASURY SERVICES PLC VODAFONE GROUP PLC COMMERCIAL PAPER   |      | 12/22/2022    |                  | 01/31/2023    |                                 |                                    | 3,8                         |
| 1040000000                              | Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Issuer Obligations   |      | 12/ 15/2022   | 0.000            | 01/04/2023    | 77                              |                                    |                             |
|   |   |      |               |                  |               | 41,899,471                      | 0                                  | 79,1                        |
|   | Total - Industrial and Miscellaneous (Unaffiliated) Bonds   |      |               |                  |               | 41,899,471                      | 0                                  | 79, 1                       |
|   | Total - Hybrid Securities   |      |               |                  |               | 0                               | 0                                  |                             |
|   | Total - Parent, Subsidiaries and Affiliates Bonds   |      |               |                  |               | 0                               | 0                                  |                             |
|   | Subtotal - Unaffiliated Bank Loans  |      |               |                  |               | 0                               | 0                                  |                             |
|   | Total - Issuer Obligations  |      |               |                  |               | 41,899,471                      | 0                                  | 79, 1                       |
|   | Total - Residential Mortgage-Backed Securities  |      |               |                  |               | 0                               | 0                                  |                             |
|   | Total - Commercial Mortgage-Backed Securities   |      |               |                  |               | 0                               | 0                                  |                             |
| 24499999999. 7                          | Total - Other Loan-Backed and Structured Securities   |      |               |                  |               | 0                               | 0                                  |                             |
| 2459999999.                             | Total - SVO Identified Funds  |      |               |                  |               | 0                               | 0                                  |                             |
| 2469999999.                             | Total - Affiliated Bank Loans   |      |               |                  |               | 0                               | 0                                  |                             |
| 24799999999.                            | Total - Unaffiliated Bank Loans   |      |               |                  |               | 0                               | 0                                  |                             |
| 2509999999. <sup>-</sup>                |   |      |               |                  |               | 41,899,471                      | 0                                  | 79.1                        |
| 9248U-71-8                              | BLACKROCK LIQUIDITY FUND-EXEMPT MONEY MA  |      | 12/30/2022    | 0.000            |               | 2.000.000                       | 0                                  |                             |
|   | Subtotal - Exempt Money Market Mutual Funds - as Identified by the SVO  | 1    |               | ]                |               | 2.000.000                       | 0                                  |                             |
| 0_0000000000000000000000000000000000000 | Land the state of |      |               |                  |               | 2,000,000                       | ·                                  |                             |
|   |   |      |               |                  |               |                                 |                                    |                             |
|   |   |      |               |                  |               |                                 |                                    |                             |
|   |   |      |               |                  |               |                                 |                                    |                             |
|   |   |      |               |                  |               |                                 |                                    |                             |
|   |   |      |               |                  |               |                                 |                                    |                             |
|   |   |      |               |                  |               |                                 |                                    |                             |
|   |   |      |               |                  |               |                                 |                                    |                             |
|   |   |      |               |                  |               |                                 |                                    |                             |
| 860000000                               | Total Cash Equivalents  |      |               | -                |               | 43.899.471                      | 0                                  | 79,18                       |
| <u>- 6666666600</u>                     | Total Cash Equivalents  |      |               |                  |               | 43,899,4/1                      | U                                  | /9, 18                      |

| Line   | Book/Adjusted Carrying | Value by NAIC Designati | on Category Footnote: |                |       |             |
|--------|------------------------|-------------------------|-----------------------|----------------|-------|-------------|
| Number |                        |                         |                       |                |       |             |
| 1A     | 1A\$0                  | 1B\$0                   | 1C\$0                 | 1D\$ 1,992,695 | 1E\$0 | 1F\$0 1G\$0 |
| 1B     | 2A\$ 39,906,776        | 2B\$0                   | 2C\$0                 |                |       |             |
| 1C     | 3A\$0                  | 3B\$0                   | 3C\$0                 |                |       |             |
| 1D     | 4A\$0                  | 4B\$0                   | 4C\$0                 |                |       |             |
| 1E     | 5A\$0                  | 5B\$0                   | 5C\$0                 |                |       |             |
| 1F     | 6 \$ 0                 |                         |                       |                |       |             |

### **SCHEDULE E - PART 3 - SPECIAL DEPOSITS**

|            |   | 1                  | 2                  | Deposits<br>Benefit of All |            | All Other Spe      | ecial Deposits |  |
|------------|---|--------------------|--------------------|----------------------------|------------|--------------------|----------------|--|
|            |   | Typo of            |                    | 3<br>Book/Adjusted         | 4          | 5<br>Book/Adjusted | 6              |  |
|            | States, Etc.  | Type of<br>Deposit | Purpose of Deposit | Carrying Value             | Fair Value | Carrying Value     | Fair Value     |  |
| 1.         | AlabamaAL   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 2.         | AlaskaAK  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 3.         | ArizonaAZ   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 4.         | Arkansas AR   | B                  | LIFE INSURANCE     | 264,964                    | 260,173    | 0                  | 0              |  |
| 5.         | California CA   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 6.         | ColoradoCO  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 7.         | ConnecticutCT  DelawareDE                                     |                    |                    | 0                          | 0          | 0                  | 0<br>0         |  |
| 8.<br>9.   | Delaware DE District of Columbia DC                           |                    |                    | 0                          | 0          | 0                  | ٠٥             |  |
| 10.        | Florida FL  | B                  | LIFE INSURANCE     | 124,983                    | 122,723    | 0                  | ۰۵             |  |
| 11.        | GeorgiaGA   | B                  | LIFE INSURANCE     | 34,995                     | 34,362     | 0                  | 0              |  |
| 12.        | Hawaii HI   |                    | 211 2 111001111102 | 0                          | 0          | 0                  | 0              |  |
| 13.        | IdahoID   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 14.        | IllinoisIL  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 15.        | IndianaIN   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 16.        | lowaIA  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 17.        | KansasKS  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 18.        | KentuckyKY  | ļ                  |                    | 0                          | 0          | 0                  | 0              |  |
| 19.        | LouisianaLA   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 20.        | MaineME   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 21.        | Maryland MD   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 22.        | Massachusetts MA  | B                  | LIFE INSURANCE     | 499,932                    | 490,892    | 0                  | 0              |  |
| 23.        | Michigan MI   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 24.        | MinnesotaMN   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 25.        | Mississippi MS Missouri MO                                    |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 26.<br>27. | MissouriMO MontanaMT  |                    |                    | 0                          | 0          | 0                  | ٠٥             |  |
| 28.        | NebraskaNE  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 29.        | NevadaNV  | B                  | LIFE INSURANCE     | 214,838                    | 199,469    | 0                  | 0              |  |
| 30.        | New HampshireNH   |                    | 211 2 111001111102 | 0                          | 0          | 0                  | 0              |  |
| 31.        | New JerseyNJ  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 32.        | New MexicoNM  | B                  | LIFE INSURANCE     | 204 , 146                  | 193,965    | 0                  | 0              |  |
| 33.        | New YorkNY  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 34.        | North CarolinaNC  | B                  | LIFE INSURANCE     | 411,000                    | 411,000    | 0                  | 0              |  |
| 35.        | North DakotaND  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 36.        | OhioOH  | B                  | LIFE INSURANCE     | 4,052,458                  | 3,984,982  | 0                  | 0              |  |
| 37.        | OklahomaOK  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 38.        | Oregon OR   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 39.        | Pennsylvania PA   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 40.        | Rhode IslandRI  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 41.        | South CarolinaSC  | В                  | LIFE INSURANCE     | , -                        | 167,915    | 0                  | 0              |  |
| 42.        | South DakotaSD  |                    |                    | •                          | 0          | 0                  | 0              |  |
| 43.        | TennesseeTN TexasTX   |                    |                    | 0<br>0                     | 0          | 0<br>0             | 0              |  |
| 44.<br>45. | Utah UT   |                    |                    | 0                          | 0          | 0                  | 0<br>0         |  |
| 45.<br>46. | VermontVT   |                    |                    | 0                          | 0          | 0                  | o              |  |
| 47.        | VirginiaVA  | B                  | LIFE INSURANCE     | 538,653                    | 540,732    | 0                  | n              |  |
| 48.        | Washington WA   |                    | ETTE TROOFFINGE    | _                          | 0          | 0                  | 0              |  |
| 49.        | West VirginiaWV   |                    |                    |                            | 0          | 0                  | 0              |  |
| 50.        | Wisconsin WI  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 51.        | WyomingWY   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 52.        | American SamoaAS  |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 53.        | Guam GU   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 54.        | Puerto RicoPR   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 55.        | U.S. Virgin IslandsVI   |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 56.        | Northern Mariana IslandsMP                                    |                    |                    | 0                          | 0          | 0                  | 0              |  |
| 57.        | Canada CAN  | ļ                  |                    | 0                          | 0          | 0                  | 0              |  |
| 58.        | Aggregate Alien and OtherOT                                   | XXX                | XXX                | 0                          | 0          | 0                  | 0              |  |
| 59.        | Subtotal  | XXX                | XXX                | 6,515,982                  | 6,406,213  | 0                  | 0              |  |
|            | DETAILS OF WRITE-INS  |                    |                    |                            |            |                    |                |  |
| 5801.      |   | ·····              |                    |                            |            |                    |                |  |
| 5802.      |   | ·····              |                    |                            |            |                    |                |  |
|            |   |                    |                    |                            |            |                    |                |  |
| 5898.      | Summary of remaining write-ins for Line 58 from overflow page | XXX                | XXX                | 0                          | 0          | 0                  | 0              |  |
| 5899       | Totals (Lines 5801 thru 5803 plus                             | ,                  | ///                |                            |            |                    | <b>v</b>       |  |
| 5555.      | 5898)(Line 58 above)  | XXX                | XXX                | 0                          | 0          | 0                  | 0              |  |