

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

# **QUARTERLY STATEMENT**

AS OF JUNE 30, 2020 OF THE CONDITION AND AFFAIRS OF THE

**Voya Retirement Insurance and Annuity Company** 

NAIC Gloup Co	(Current) (Prior)	AIC Company Code 865	09 Employer's	s ID Number71-0294708
Organized under the Laws of	CT	, State of I	Domicile or Port of	EntryCT
Country of Domicile		United States of America		
Licensed as business type:	Life, Accident	& Health [X] Fraternal Be	nefit Societies [ 1	
Incorporated/Organized	Service Management (Control of Control of Co			
	545	Comm	enced Business _	04/06/1976
Statutory Home Office	One Orange Way (Street and Number)		(City o	Windsor, CT, US 06095-4774
Main Administrative Office				or Town, State, Country and Zip Code)
Main Administrative Office		(Street and Number)	IW	THE RESERVE TO THE PARTY OF THE
	e, Country and Zip Code)			770-980-5100
			()	Area Code) (Telephone Number)
	0 Powers Ferry Road, NW et and Number or P.O. Box)		(City o	Atlanta, GA, US 30327-4390 or Town, State, Country and Zip Code)
Primary Location of Books and Records	s and rambor of 7 to boxy		(City o	Town, State, Country and Zip Code)
Filling Education of Books and Records		One Orange Way (Street and Number)		
	r, US 06095-4774			860-580-4646
	e, Country and Zip Code)		()	Area Code) (Telephone Number)
Internet Website Address		www.voya.com		
Statutory Statement Contact	Lora Williams		· · · · · · · · · · · · · · · · · · ·	770-980-6526
FSSC Comm	(Name) oliance@vova.com			(Area Code) (Telephone Number) 770-980-5800
	ail Address)	· · · · · · · · · · · · · · · · · · ·	19700	(FAX Number)
		OFFICERS		
Marine and the			Tax Officer and	
President Secretary				Carlo Bertucci #
Countries	Wellssa Allii O Dolliieli	VP and Ap	pointed Actuary _	Kyle Andrew Puffer
William Thomas Bainbridge, Senior	Vice President Anthony	OTHER	tes Deseident	0.1.1
Miles Randall Edwards, Senior Vic	e President Howard	Joseph Brantzeg, Senior V Frank Greene, Senior Vic	e President	Clyde Landon Cobb Jr., SVP & Chief Accounting Officer William Stevens Harmon, Senior Vice President
Heather Hamilton Lavallee, Senior V Larry Neil Port #, Executive VP & Chie	/ice President Francis Ge	rard O'Neill, SVP & Chief F	inancial Officer	David Scott Pendergrass, Senior Vice President
Matthew Toms, Senior Vice Pi		Smith, SVP & Deputy Gene Jinho Weng, Senior Vice F	ral Counsel President	Michael Scott Smith, Executive VP & Chief Risk Officer
	DI	RECTORS OR TRUST	FFS	
William Thomas Bainbridge, [ Charles Patrick Nelson, Din	Director Ar	nthony Joseph Brantzeg, D	rector	Rodney Owen Martin Jr., Director and Chariman
Chanes Patrick Nelson, Dir	ector	Michael Scott Smith, Direct	ctor	
State of Washington/Minnes	acta/Compositions			
County of Skagit/Henney	CC-			
The officers of this reporting entity being d	uly sworn, each depose and say	that they are the described	officers of said rer	porting entity, and that on the reporting period stated above,
all of the nerelli described assets were tr	ne absolute property of the said	reporting entity free and c	ear from any lien	e or claims thereon except as bornin stated and that this
condition and affairs of the said reporting i	entity as of the reporting period st	ated above and of its inco	me and deductions	and true statement of all the assets and liabilities and of the steement of all the assets and liabilities and of the steement of all the assets and have been completed.
in accordance with the NAIC Annual State	ement Instructions and Accountir	o Practices and Procedure	e manual evcent	to the extent that: (1) state law may differ; or, (2) that state g to the best of their information, knowledge and belief,
respectively. Furthermore, the scope of t	his attestation by the described of	officers also includes the re	lated correctonding	ng electronic filing with the NAIC when required that is an
to the enclosed statement.	es due to electronic filing) of the	enclosed statement. The e	lectronic filing may	y be requested by various regulators in lieu of or in addition
		11111	11:	16-
(VAU)	/	Our	U	Clerco
Charles Detrials Notes				
Charles Patrick Nelson President		Melissa Ann O'Donnell Secretary		Carlo Bertucci Treasurer
		Societary		rreasurer
Subscribed and swamps between the	( and the second second			
Subscribed and sworm to before me this		d and sworn to before me to	nis 2020	Subscribed and sworn to before me this
7/1 7/1		12	2020	22 day of 3014 2020
NA PO				Harladad
		*		My Commission Exp. Oct. 31, 2021
WWW.	M	mm	nis an original filin	g?Yes[X]No[]
JUSTIN PETERSEN		TINA M SCHULTZD. If r		9:
Notary Public		Trotal   Table	State the amendm	ient number
State of Washington Commission # 156943	) Mu	Minnesota 2. Commission Expires January331	Date filed Notation of pages :	attached Hilligs
My Comm. Expires Dec 29, 20	W 3181872	······	and ?	EN MOTARIA
my comm. Expires see 27, 20		AND		SO / SE
				Office a montes
				[* \ Dumin /x ]
				I COBLID TE
				NOTARY SETTICULARIES
				attached NOTARY PUBLIC *

# **ASSETS**

Nones				Current Statement Date		4
2. Potentive stocks				_		Prior Year Net
2. Potentive stocks	1.	Bonds	24,696,728,906		· · · · · · · · · · · · · · · · · · ·	24,250,133,720
2.2 Common plocks						
2.2 Common plocks			193,520,269	0	193,520,269	183,228,114
3. Horst tons on real estates 3.1 First times 4. 1731, 139, 454 5. 4, 731, 139, 454 6. 10, 731, 739, 735 7. Proportion accepted by the company times 8 6. Proportion accepted by the company times 8 6. Proportion accepted by the company times 8 7. Proportion bett for the production of income (tess 8. 0 environtances) 8. 0 environtances 9. 0 0 0 0 0 0 0 0 8. 0 0 0 0 9. 0 0 0 0 9. 0 0 0 0 0 9. 0 0 0 0 0 9. 0 0 0 0 0 0 9. 0 0 0 0 0 0 0 9. 0 0 0 0 0 0 0 0 9. 0 0 0 0 0 0 0 0 0 9. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2.2 Common stocks	62,382,981			
3.2 Chert than first litera						
4. Properties bed for the company (lees \$ 0 0 5.8.92.734 0.0 56.832.734 0.0 7.686 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		3.1 First liens	4,731,139,454	0	4,731,139,454	4,664,148,278
4. Properties bed for the company (lees \$ 0 0 5.8.92.734 0.0 56.832.734 0.0 7.686 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0						
## encurrenances* #	4.	Real estate:				
A 2 Properties held for time production of incomme (less S		4.1 Properties occupied by the company (less \$				
\$		encumbrances)	58,932,734	0	58,932,734	60,047,648
4.3 Proporties bid for ease (jess \$		4.2 Properties held for the production of income (less				
oncumbrancese		\$0 encumbrances)	0	0	0	0
Coah (\$ 300 , 488 , 516 ) , coah populations (\$ 0 ) and short-term (\$ 0 ) and short-term (\$ 241, 180, 187 )			0	0	0	0
G	5.					
Investments (\$ 254, 169, 187 )						
6. Commet loans (including \$ 0 premium notes)		,	563 657 804	0	563 657 804	530 683 014
7. Derivatives	6					
8. Other invested assets						
9. Receivables for securities 10. Securities learning retrivested collateral assets						
10.   Securities lending reinvested collateral asserts						
11. Aggregate write-ins for invested assets.						
12. Subtodals, cash and invested assets (Lines 1 to 11)		=				
13. Title plants less \$ 0 charged off (for Title insurers only). 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		== =				
14. Investment income due and accrued   284, 498, 138   347, 597   284, 150, 541   269, 822, 976     15. Premiums and considerations:   15.1 Uncollected premiums and agents' balances in the course of collection   15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ 0						
15. Premiums and considerations: 15.1 Uncollected premiums, agents' balances in the course of collection 15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$		only)	0	0	0	0
15.1 Uncollected premiums and agents' balances in the course of collection 15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14.	Investment income due and accrued	284,498,138	347,597	284,150,541	269,822,976
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet rue (including \$0 earned but unbilled premiums)	15.	Premiums and considerations:				
deferred and not yet due (including \$ 0   0   0   0   0   0   0   0   0		15.1 Uncollected premiums and agents' balances in the course of collection.	(48,775)	0	(48,775)	(49,751,304)
earned but unbilled premiums		15.2 Deferred premiums, agents' balances and installments booked but				
15.3 Accrued retrospective premiums (\$ 0 ) and contracts subject to redetermination (\$ 0 )		deferred and not yet due (including \$0				
Contracts subject to redetermination (\$ 0 ) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		earned but unbilled premiums)	0	0	0	0
16. Reinsurance:   16.1 Amounts recoverable from reinsurers   1.541,046   0   1.541,046   1.683,831     16.2 Funds held by or deposited with reinsured companies   0   0   0   0   0     16.3 Other amounts receivable under reinsurance contracts   148,483   0   1.48,483   5.0,132,927     17. Amounts receivable relating to uninsured plans   0   0   0   0   0   0     18.1 Current federal and foreign income tax recoverable and interest thereon   9,371,487   0   9,371,487   9,493,357     18.2 Net deferred tax asset   220,588,442   0   220,588,442   233,767,406     19. Guaranty funds receivable or on deposit   8,596,250   0   8,596,250   8,718,173     20. Electronic data processing equipment and software   11,511   11,511   0   0     21. Furniture and equipment, including health care delivery assets (s		15.3 Accrued retrospective premiums (\$				
16.1 Amounts recoverable from reinsurers		contracts subject to redetermination (\$0 )	0	0	0	0
16.2 Funds held by or deposited with reinsured companies	16.	Reinsurance:				
16.3 Other amounts receivable under reinsurance contracts 148,483 0 0 1.48,483 5.0,132,927 17. Amounts receivable relating to uninsured plans 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					, ,	1,683,931
17. Amounts receivable relating to uninsured plans						0
18.1 Current federal and foreign income tax recoverable and interest thereon       9,371,487       .0       9,371,487       9,493,357         18.2 Net deferred tax asset       220,588,442       .0       220,588,442       .233,767,406         19. Guaranty funds receivable or on deposit       .8,596,250 <td></td> <td>16.3 Other amounts receivable under reinsurance contracts</td> <td>148,483</td> <td></td> <td></td> <td>50,132,927</td>		16.3 Other amounts receivable under reinsurance contracts	148,483			50,132,927
18.2 Net deferred tax asset       220,588,442       0       220,588,442       233,767,406         19. Guaranty funds receivable or on deposit       8,596,250       0       8,596,250       8,718,173         20. Electronic data processing equipment and software       11,511       11,511       0       0         21. Furniture and equipment, including health care delivery assets       (\$       0       0       0       0       0       0         22. Net adjustment in assets and liabilities due to foreign exchange rates        0       0       0        0       <						
19. Guaranty funds receivable or on deposit						9,493,357
20. Electronic data processing equipment and software						' '
21. Furniture and equipment, including health care delivery assets (\$ 0 ) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						8,718,173
(\$         0         0         0         0         0         0           22. Net adjustment in assets and liabilities due to foreign exchange rates         0         28,283         0	20.	Electronic data processing equipment and software	11,511	11,511	0	0
22. Net adjustment in assets and liabilities due to foreign exchange rates         0	21.					
23. Receivables from parent, subsidiaries and affiliates						
24. Health care (\$ 0) and other amounts receivable       90,218       90,218       0       0         25. Aggregate write-ins for other than invested assets       .808,085,517       24,014,206       .784,071,311       .282,513,553         26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)       .34,316,184,666       .30,713,788       .34,285,470,878       .32,880,597,366         27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts       .76,351,575,215       0       .76,351,575,215       .79,367,838,357         28. Total (Lines 26 and 27)       .110,667,759,881       .30,713,788       .110,637,046,093       .112,248,435,722         DETAILS OF WRITE-INS         1101.       Derivative receivables       .0       .0       .0       .0       .28,263         1102.						
25. Aggregate write-ins for other than invested assets       808,085,517       24,014,206       784,071,311       282,513,553         26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)       34,316,184,666       30,713,788       34,285,470,878       32,880,597,366         27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts       76,351,575,215       0       76,351,575,215       79,367,838,357         28. Total (Lines 26 and 27)       110,667,759,881       30,713,788       110,637,046,093       112,248,435,722         DETAILS OF WRITE-INS         1101. Derivative receivables       0       0       0       0       28,263         1102.       1103.       0       0       0       0       0       28,263         2501. Margin call collateral       783,229,540       0       0       783,229,540       281,687,463         2502. Miscellaneous assets       24,855,977       24,014,206       841,771       826,090         2503.       Summary of remaining write-ins for Line 25 from overflow page       0       0       0       0       0       0       0       0       0       0       0       0       0       0       281,687,463       0       0       0       0       0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)		,				
Protected Cell Accounts (Lines 12 to 25)			808,085,517	24,014,206	784,071,311	282,513,553
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts       .76,351,575,215       .0       .76,351,575,215       .79,367,838,357         28. Total (Lines 26 and 27)       .110,667,759,881       .30,713,788       .110,637,046,093       .112,248,435,722         DETAILS OF WRITE-INS         1101. Derivative receivables       .0       .0       .0       .28,263         1102.       .1103.	26.	Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	34 316 184 666	30 713 788	34 285 470 878	32 880 597 366
Accounts	27	·				
DETAILS OF WRITE-INS         1101. Derivative receivables	21.	Accounts	76,351,575,215	0	76,351,575,215	79,367,838,357
1101. Derivative receivables       0       0       28,263         1102.       0       0       0       28,263         1103.       0       0       0       0       0         1198. Summary of remaining write-ins for Line 11 from overflow page       0       0       0       0       0       0       28,263         12501. Margin call collateral       783,229,540       0       783,229,540       0       783,229,540       281,687,463         2502. Miscel laneous assets       24,855,977       24,014,206       841,771       826,090         2503.       2598. Summary of remaining write-ins for Line 25 from overflow page       0       0       0       0       0       0	28.	Total (Lines 26 and 27)	110,667,759,881	30,713,788	110,637,046,093	112,248,435,722
1102.       1103.         1198. Summary of remaining write-ins for Line 11 from overflow page       0       0       0       0       0         1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)       0       0       0       0       28,263         2501. Margin call collateral       783,229,540       0       783,229,540       281,687,463         2502. Miscellaneous assets       24,855,977       24,014,206       841,771       826,090         2503.       2598. Summary of remaining write-ins for Line 25 from overflow page       0       0       0       0       0		DETAILS OF WRITE-INS				
1103.	1101.	Derivative receivables	0	0	0	28,263
1198. Summary of remaining write-ins for Line 11 from overflow page       0       0       0       0       28,263         1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)       0       0       0       783,229,540       0       783,229,540       281,687,463         2502. Miscel laneous assets       24,855,977       24,014,206       841,771       826,090         2503.       2598. Summary of remaining write-ins for Line 25 from overflow page       0       0       0       0	1102.					
1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)         0         0         0         28,263           2501. Margin call collateral         783,229,540         0         783,229,540         281,687,463           2502. Miscellaneous assets         24,855,977         24,014,206         841,771         826,090           2503.         2598. Summary of remaining write-ins for Line 25 from overflow page         0         0         0         0         0         0	1103.					
1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)         0         0         0         28,263           2501. Margin call collateral         783,229,540         0         783,229,540         281,687,463           2502. Miscellaneous assets         24,855,977         24,014,206         841,771         826,090           2503.         2598. Summary of remaining write-ins for Line 25 from overflow page         0         0         0         0         0         0	1198.	Summary of remaining write-ins for Line 11 from overflow page	0	0	0	0
2502. Miscel laneous assets       24,855,977       24,014,206       .841,771       .826,090         2503.       2598. Summary of remaining write-ins for Line 25 from overflow page       .0       .0       .0       .0	1199.	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)	0			28,263
2503.	2501.	Margin call collateral	783,229,540	0	783,229,540	281,687,463
2598. Summary of remaining write-ins for Line 25 from overflow page	2502.	Miscellaneous assets	24,855,977	24,014,206	841,771	826,090
	2503.					
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above) 808,085,517 24,014,206 784,071,311 282,513,553	2598.	Summary of remaining write-ins for Line 25 from overflow page				0
	2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	808,085,517	24,014,206	784,071,311	282,513,553

**LIABILITIES, SURPLUS AND OTHER FUNDS** 

	·	1 Current	2 December 31
1.	Aggregate reserve for life contracts \$28,556,957,870 less \$	Statement Date	Prior Year
	(including \$	28,556,957,870	26,941,951,876
3. 4.	Liability for deposit-type contracts (including \$	1,047,023,564	1,097,899,903
4.	4.1 Life	29,665	29,237
5.	4.2 Accident and health		
6.	and unpaid	0	0
	amounts: 6.1 Policyholders' dividends and refunds to members apportioned for payment (including \$0		
	Modco)	0	0 0
7.	6.3 Coupons and similar benefits (including \$	0	0 0
8.	Premiums and annuity considerations for life and accident and health contracts received in advance less \$		0
9.	Contract liabilities not included elsewhere:  9.1 Surrender values on canceled contracts		0
	9.2 Provision for experience rating refunds, including the liability of \$0 accident and health experience rating refunds of which \$0 is for medical loss ratio rebate per the Public Health		
	Service Act	0	0
	ceded	0	1,109,857
10.	Commissions to agents due or accrued-life and annuity contracts \$ 2.015.812 accident and health		
11.	\$	0	0
12. 13.	General expenses due or accrued		
14.	allowances recognized in reserves, net of reinsured allowances)  Taxes, licenses and fees due or accrued, excluding federal income taxes	7,270,248 5 118 856	(47,564,194) 5 815 822
15.1	Current federal and foreign income taxes, including \$0 on realized capital gains (losses)	0	0
16.	Unearned investment income	0	0
17. 18.	Amounts withheld or retained by reporting entity as agent or trustee	34 , 107	28,779
19. 20.	Remittances and items not allocated	6,024,597	7,088,579
21.	Liability for benefits for employees and agents if not included above	0	0
22. 23.	Borrowed money \$		4,042,213
24.	Miscellaneous liabilities: 24.01 Asset valuation reserve	346,591,272	355,299,825
	24.02 Reinsurance in unauthorized and certified (\$	0 0	
	24.04 Payable to parent, subsidiaries and affiliates 24.05 Drafts outstanding	72,431,537	87,993,685
	24.06 Liability for amounts held under uninsured plans	0	0
	24.07 Funds held under coinsurance 24.08 Derivatives		
	24.09 Payable for securities	103,345,782 485,005,837	3,012,075 640,830,659
	24.11 Capital notes \$	0	0
25. 26.	Aggregate write-ins for liabilities		400,517,078 30,875,725,185
27.	From Separate Accounts Statement	76,351,575,215	79,367,838,357
28. 29.	Total liabilities (Lines 26 and 27)  Common capital stock	108,710,758,094 2,750,000	110,243,563,541
30.	Preferred capital stock	0	0
31. 32.	Aggregate write-ins for other than special surplus funds Surplus notes		124 , 544 , 100
33.	Gross paid in and contributed surplus	1,518,147,346	1,520,347,602
34. 35.	Aggregate write-ins for special surplus funds	405,390,652	
36.	Less treasury stock, at cost: 36.1		
	36.1	0	0
37.	Surplus (Total Lines 31+32+33+34+35-36) (including \$0 in Separate Accounts Statement)	1,923,537,998	2,002,122,181
38. 39.	Totals of Lines 29, 30 and 37	1,926,287,998 110,637,046,093	2,004,872,181 112,248,435,722
	DETAILS OF WRITE-INS	, , ,	
2501. 2502.	Margin call collateral		357, 198, 147 16, 232, 374
2503.	Derivative payable	12,881,575	8,612,357
2598. 2599.	Summary of remaining write-ins for Line 25 from overflow page	14,597,021 981,503,867	18,474,200 400,517,078
3101.	Deferred gain on reinsurance	0	124,544,100
3102. 3103.			
3198.	Summary of remaining write-ins for Line 31 from overflow page	0	0
3199. 3401.	Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)	0	124,544,100
3402.			
3403. 3498.	Summary of remaining write-ins for Line 34 from overflow page		
3499.	Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)	0	0

# **SUMMARY OF OPERATIONS**

		1	2	3
		Current Year To Date	Prior Year To Date	Prior Year Ended December 31
1.	Premiums and annuity considerations for life and accident and health contracts		6,034,288,347	12,351,614,690
2.	Considerations for supplementary contracts with life contingencies.		2,199,240	3,852,089
3.	Net investment income		749,713,401	1,506,610,777
4.	Amortization of Interest Maintenance Reserve (IMR)	(13,966,362)		(18, 118, 182)
5.	Separate Accounts net gain from operations excluding unrealized gains or losses	0	0	
6.	Commissions and expense allowances on reinsurance ceded	42,461,156	8,089,973	16,515,399
7.	Reserve adjustments on reinsurance ceded	(1,014,522,187)	90 , 140 , 158	112,662,491
8.	Miscellaneous Income:			
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts.	187 455 618	182 532 603	380,985,917
	8.2 Charges and fees for deposit-type contracts	0	02,002,000	0
	8.3 Aggregate write-ins for miscellaneous income		133,635,982	277,774,143
9.	Totals (Lines 1 to 8.3)	9,671,106,628	7, 199, 254, 857	14,631,897,324
10.	Death benefits	0	0	0
11.	Matured endowments (excluding guaranteed annual pure endowments)	0	0	0
12.	Annuity benefits	240,733,733	267,585,721	531, 111,578
13.	Disability benefits and benefits under accident and health contracts	0	0	0
14.	Coupons, guaranteed annual pure endowments and similar benefits	0	0	0
15.	Surrender benefits and withdrawals for life contracts	8,8/6,/13,801	8, 117, 693, 483	14,617,468,352
16. 17.	Group conversions			0 (10 047 386)
17.	Payments on supplementary contracts with life contingencies			
19.	Increase in aggregate reserves for life and accident and health contracts		(172,041,501)	
20.	Totals (Lines 10 to 19)		. , , ,	15,364,286,820
21.	Commissions on premiums, annuity considerations, and deposit-type contract funds (direct		, , , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	business only)	122,788,407	126,386,239	256,342,304
22.	Commissions and expense allowances on reinsurance assumed	7,338	7,956	16,248
23.	General insurance expenses and fraternal expenses			558,272,562
24.	Insurance taxes, licenses and fees, excluding federal income taxes	13,3/5,414	13,1/0,110	22,393,375
25.	Increase in loading on deferred and uncollected premiums			0 (1,991,871,109)
26. 27.	Aggregate write-ins for deductions	2,886,422	7,604,864	14,724,131
28.	Totals (Lines 20 to 27)	9,579,051,182	6,978,514,321	14,224,164,331
29.	Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus	3,373,031,102	0,070,014,021	17,227,107,001
25.	Line 28)	92,055,446	220,740,536	407,732,993
30.	Dividends to policyholders and refunds to members	0	0	0
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal			
	income taxes (Line 29 minus Line 30)			407,732,993
32.	Federal and foreign income taxes incurred (excluding tax on capital gains)	(27,402,371)	13,173,055	50,970,121
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)	110 /157 817	207 567 481	356,762,872
34.	Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital	110,407,017	201,301,401	
04.	gains tax of \$			
	transferred to the IMR)	(40,977,711)	(8,426,029)	(31,287,563)
35.	Net income (Line 33 plus Line 34)	78,480,106	199,141,451	325,475,309
	CAPITAL AND SURPLUS ACCOUNT	, ,	· · ·	, ,
36.	Capital and surplus, December 31, prior year	2,004,872,181	2,000,020,992	2,000,020,992
37.	Net income (Line 35)	78,480,106	199, 141, 451	325,475,309
38.	Change in net unrealized capital gains (losses) less capital gains tax of \$	90,022,147	19,389,177	49,677,452
39.	Change in net unrealized foreign exchange capital gain (loss)	(2,313,343)	(1,688,811)	(446,068)
40.	Change in net deferred income tax			
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		(23 655 716)	0 (70 450 783)
45.	Change in treasury stock			
46.	Surplus (contributed to) withdrawn from Separate Accounts during period	0	0	0
47.	Other changes in surplus in Separate Accounts Statement	0	0	0
48.	Change in surplus notes	0		0
49.	Cumulative effect of changes in accounting principles	2,884,606	0	0
50.	Capital changes:			
	50.1 Paid in	<u>0</u>	0	0
	50.2 Transferred from surplus (Stock Dividend)	ļ0 ļ	0	
F4	50.3 Transferred to surplus	μυ	0	0
51.	Surplus adjustment: 51.1 Paid in	(2 200 256)	0	00 476 551
	51.1 Paid in	(2,200,200) n		,35,4/0,331 n
	51.3 Transferred from capital	n l		
	51.4 Change in surplus as a result of reinsurance	(124.544.100)	(2.707.481)	(5.414.962)
52.	Dividends to stockholders	(294,000,000)	(396,000,000)	(396,000,000)
53.	Aggregate write-ins for gains and losses in surplus	(15,550,610)	135,004	
54.	Net change in capital and surplus for the year (Lines 37 through 53)	(78,584,183)	(222,806,906)	
55.	Capital and surplus, as of statement date (Lines 36 + 54)	1,926,287,998	1,777,214,086	2,004,872,181
	DETAILS OF WRITE-INS			
	Recordkeeping fees			
	Miscellaneous income			
	Reinsurance income			·
	Summary of remaining write-ins for Line 8.3 from overflow page	124 577 004	133,635,982	0 277 774 143
	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)  Miscel laneous expense	2 204 207	7,862,413	277,774,143 14,421,817
2701.	Miscerianeous expense  Letter of credit fees			14,421,817
2702.	Funds withheld interest expense	1,323 L.	(276,549)	280.578
2798	Summary of remaining write-ins for Line 27 from overflow page	0		
	Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	2,886,422	7,604,864	14,724,131
2/99	10(a)3 (Lines 2701 (iii)0uuli 2703 bius 2730)(Line 27 abbve)			
		987.357	661.825	(2,500.922)
5301. 5302.	Amoritzation of pension Share based payments	987,357 50,558	53,183	129,839
5301. 5302. 5303.	Amoritzation of pension Share based payments Amortization of other post-employment benefits		53, 183 (580,004)	129,839 (1,196,640)
5301. 5302. 5303.	Amoritzation of pension Share based payments		53,183 (580,004) 0	129,839 (1,196,640)

		1 Current Year	2 Prior Year	3 Prior Year Ended
	Cook from Operations	To Date	To Date	December 31
4	Cash from Operations	7 504 700 060	6 102 014 F64	10 506 001 010
1.	Premiums collected net of reinsurance			
2.	Net investment income			1,745,048,589
3.	Miscellaneous income		281,956,284	655,777,13
4.	Total (Lines 1 to 3)	, , ,	7,326,024,287	14,937,627,04
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	0	
9.	Federal and foreign income taxes paid (recovered) net of \$(2,518,566) tax on capital			
	gains (losses)	(13,701,616)	(27,551,159)	(1,802,59
10.	Total (Lines 5 through 9)	7,714,987,595	7,261,340,744	14,098,561,33
11.	Net cash from operations (Line 4 minus Line 10)	1,054,820,365	64,683,543	839,065,70
	Cash from Investments			
12.	Proceeds from investments sold, matured or repaid:			
	12.1 Bonds	1,715,950,557	2, 162, 067, 048	3,977,604,22
	12.2 Stocks	38 , 144 , 459	12,798,700	15,327,17
	12.3 Mortgage loans			
	12.4 Real estate			
	12.5 Other invested assets			
	12.6 Net gains or (losses) on cash, cash equivalents and short-term investments			
	12.7 Miscellaneous proceeds	189,665,693	52,691,145	24,228,79
	12.8 Total investment proceeds (Lines 12.1 to 12.7)			
10	Cost of investments acquired (long-term only):	2,173,070,321	2,001,000,000	4,090,070, 10
13.		0.000.077.040	0.000.000.040	4 540 400 00
	13.1 Bonds			
	13.2 Stocks			
	13.3 Mortgage loans			
	13.4 Real estate			
	13.5 Other invested assets		88 , 434 , 629	197,353,02
	13.6 Miscellaneous applications	75,842,605	26,841,454	107,625,28
	13.7 Total investments acquired (Lines 13.1 to 13.6)	2,848,802,720	2,632,274,414	5,460,882,05
14.	Net increase (or decrease) in contract loans and premium notes	(9, 127, 216)	(800,968)	(1,683,86
15.	Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(663,998,583)	19,582,437	(563, 122, 00
	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	(260,653)	(258, 131)	(517,43
	16.4 Net deposits on deposit-type contracts and other insurance liabilities	(50,876,339)	91,396,358	161,205,77
	16.5 Dividends to stockholders	294,000,000	396,000,000	396,000,00
	16.6 Other cash provided (applied)	(12,710,000)	123,579,892	113,468,12
17.	Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	(357,846,992)	(181,281,881)	(121,843,54
	plus Line 10.0)	(001,010,002)	(101,201,001)	(121,010,01
	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)	32,974,790	(97,015,901)	154 , 100 , 16
19.	Cash, cash equivalents and short-term investments:			
	19.1 Beginning of year		376,582,854	376,582,85
	19.2 End of period (Line 18 plus Line 19.1)	563,657,804	279,566,953	530,683,01
	upplemental disclosures of cash flow information for non-cash transactions:			
20.00	O1. Capital contribution from Parent	(2,200,256)	0	99,476,55

			•
4	۲	۰	١

# **EXHIBIT 1**

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS

	DIRECT PREMIUMS AND DEPOSIT-TYPE C	ONTRACIS		•
		1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
1.	Industrial life	0	0	0
2.	Ordinary life insurance	43,473,377	45,669,909	88,864,048
3.	Ordinary individual annuities	35,815,941	42,845,713	81,767,313
4.	Credit life (group and individual)	0	0	0
5.	Group life insurance	2,890,884	3,027,559	6,107,397
6.	Group annuities	7,599,005,440	6, 121, 420, 158	12,450,356,431
7.	A & H - group	0	0	0
8.	A & H - credit (group and individual)	0	0	0
9.	A & H - other	25 , 858	31,763	50,825
10.	Aggregate of all other lines of business	0	0	0
11.	Subtotal (Lines 1 through 10)	7,681,211,499	6,212,995,102	12,627,146,013
12.	Fraternal (Fraternal Benefit Societies Only)	0	0	0
13.	Subtotal (Lines 11 through 12)	7,681,211,499	6,212,995,102	12,627,146,013
14.	Deposit-type contracts	185,392,473	316,801,540	593,160,742
15.	Total (Lines 13 and 14)	7,866,603,973	6,529,796,642	13,220,306,755
	DETAILS OF WRITE-INS			
1001.				
1002.				
1003.				
1098.	Summary of remaining write-ins for Line 10 from overflow page	0	0	0
1099.	Totals (Lines 1001 through 1003 plus 1098)(Line 10 above)	0	0	0

## 1. Summary of Significant Accounting Policies and Going Concern

#### A. Accounting Practices

The financial statements of Voya Retirement Insurance and Annuity Company (the "Company" or "VRIAC") are presented on the basis of accounting practices prescribed or permitted by the Connecticut Insurance Department.

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

The Company did not have any prescribed or permitted practices as of June 30, 2020 or December 31, 2019.

			F/S	F/S		
		SSAP#	Page	Line#	2020	2019
Net Incon	ne:					
(1	) VRIAC State basis (Page 4, Line 35, Columns 1 & 3)	XXX	XXX	XXX	\$ 78,480,106	\$ 325,475,309
(2	) State prescribed practices that are an increase/(decrease) from NAIC SAP:					
	None				_	_
(3	) State permitted practices that are an increase/(decrease) from NAIC SAP:					
	None				_	_
(4	) NAIC SAP (1-2-3=4)	XXX	XXX	XXX	\$ 78,480,106	\$ 325,475,309
Surplus:						
(5	) VRIAC State basis (Page 3, Line 38, Columns 1 & 2)	XXX	XXX	XXX	\$1,926,287,998	\$2,004,872,181
(6	) State prescribed practices that are an increase/(decrease) from NAIC SAP:					
	None				_	_
(7	) State permitted practices that are an increase/(decrease) from NAIC SAP:					
	None				_	_
(8	) NAIC SAP (5-6-7=8)	XXX	XXX	XXX	\$1,926,287,998	\$2,004,872,181

#### C. Accounting Policy

- (2) The Company does not have any SVO-Identified investments as defined in Statements of Statutory Accounting Principles ("SSAP") No. 26R, *Bonds-Revised*.
- (6) Loan-backed securities are stated at either amortized cost or the lower of amortized cost or fair market value. Amortized cost is determined using the interest method and includes anticipated prepayments. The retrospective adjustment method is used to determine the amortized cost for the majority of loan-backed and structured securities. For certain securities, the prospective adjustments methodology is utilized, including interest-only securities and securities that have experienced an other-than-temporary impairment ("OTTI").

The Company made no other significant changes to its accounting policies or practices as of June 30, 2020.

Certain amounts in the Company's statutory basis financial statements have been reclassified to conform to the 2020 financial statement presentation.

D. Going Concern

None

#### 2. Accounting Changes and Corrections of Errors

#### B. Accounting Changes

Commissioners Annuity Reserve Valuation Method (CARVM) for variable annuities is interpreted in Actuarial Guidance 43 (AG43) which first became effective on December 31, 2009 for all variable annuity contracts issued on or after January 1, 1981. AG43 was subsequently incorporated in Valuation Manual 21: Requirements for Principle-Based Reserves for Variable Annuities (VM-21). VM-21 was effective for all variable annuity contracts issued on or after January 1, 2017. The Company has not sold variable annuity contracts since 2009. Under VM-21, contracts subject to AG43 and contracts subject to VM-21 may be combined for purposes of calculating reserves. In 2019, the NAIC adopted revisions to both AG 43 and VM-21, effective January 1, 2020. The Company elected not to use a phase-in period. As of January 1, 2020, the Company reserves for all in-force variable annuity contracts are using VM-21 methodology. Both reserving methodologies are stochastic principle-based, but there are some key differences. VM-21 stochastic utilizes VM-20 equity and interest rate scenarios. There were also changes to asset assumptions which follow VM-20. There is a new standard projection amount ("SPA") which replaces the old standard scenario. The SPA uses the same stochastic scenarios as CTE, but with prescribed assumptions. The Company experienced a change in reserve moving from AG43 to VM-21 as it was CTE dominant under AG43. The net impact to surplus is an increase of \$169,676,026 with the tax impact of the valuation basis change reported on the Summary of Operations, Line 49.

See Note 21C for accounting pronouncements related to COVID-19.

#### 3. Business Combinations and Goodwill

None

#### 4. Discontinued Operations

None

#### 5. Investments

- D. Loan-Backed Securities
  - Prepayment assumptions for loan-backed and structured securities are obtained from third party services, broker dealer survey values or internal estimates.
  - (2) The following table discloses in aggregate the OTTI recognized in accordance with structured securities subject to SSAP No. 43R, *Loan-backed and Structured Securities* ("SSAP No. 43R") as of June 30, 2020 due to intent to sell or inability or lack of intent to hold to recovery.

			(1)	(2)			(3)		
		Amortized Cost Basis Before Other-than-Tempo Recognize							
			Temporary Impairment		(2a) Interest		(2b) -interest		Fair Value
OT	TI recognized 1st Quarter								
a.	Intent to sell	\$	131,218,644	\$	31,833,251	\$	_	\$	99,385,393
b.	Inability or lack of intent to retain the investment								
	in the security for a period of time sufficient								
	to recover the amortized cost basis		<u> </u>						
c.	Total 1st Quarter	\$	131,218,644	\$	31,833,251	\$		\$	99,385,393
ОТ	TI recognized 2nd Quarter								
d.	Intent to sell	\$	242,201,085	\$	20,828,425	\$	_	\$	221,372,660
e.	Inability or lack of intent to retain the investment								
	in the security for a period of time sufficient								
	to recover the amortized cost basis		_		_		_		_
f.	Total 2nd Quarter	\$	242,201,085	\$	20,828,425	\$		\$	221,372,660
m.	Annual Aggregate Total			\$	52,661,676	\$			

(3) The following table discloses in detail the OTTI's recognized by the Company in accordance with structured securities subject to SSAP No. 43R during the reporting period of April 1, 2020 to June 30, 2020:

(1)	(2)	(3)	(4)	(5)	(6)	(7)
CUSIP	Book/Adjusted Carrying Value Amortized Cost Before Current Period OTTI	Present Value of Projected Cash Flows	Recognized Other-Than- Temporary Impairment	Amortized Cost After Other- Than- Temporary Impairment	Fair Value at Time of OTTI	Date of Financial Statement Where Reported
02147PAZ7	\$ 207,076	\$ 204,254	\$ 2,822	\$ 204,254	\$ 189,301	6/30/2020
02151BAR9	566,197	534,821	31,376	534,821	534,821	6/30/2020
02151GΛΛ5	226,338	173,474	52,864	173,474	173,474	6/30/2020
02151GAD9	235,381	184,865	50,516	184,865	184,865	6/30/2020
073879Z27	544,080	526,550	17,531	526,550	485,564	6/30/2020
12667GTM5	197,988	196,840	1,147	196,840	187,140	6/30/2020
36298XAA0	1,777,179	1,774,321	2,857	1,774,321	1,644,681	6/30/2020
52520TAS7	113,495	85,350	28,145	85,350	85,350	6/30/2020
74160MEV0	89,956	88,185	1,771	88,185	88,185	6/30/2020
74160MGP1	336,481	335,009	1,472	335,009	306,830	6/30/2020
92915KAC0	1,308,554	690,088	618,466	690,088	690,088	6/30/2020
92915XAE8	807,742	425,046	382,696	425,046	425,046	6/30/2020
92916NAB5	695,977	316,358	379,619	316,358	316,358	6/30/2020
92916PAC8	1,727,664	927,498	800,166	927,498	927,498	6/30/2020
92916UAB9	1,647,868	960,452	687,416	960,452	960,452	6/30/2020
92916YAE5	705,163	347,108	358,055	347,108	347,108	6/30/2020
92917TAE5	1,116,094	693,157	422,937	693,157	693,157	6/30/2020
Total			\$ 3,839,856			

(4) The following table shows all impaired securities at June 30, 2020 in the aggregate for which an OTTI has not been recognized in earnings as a realized loss, including securities with a recognized OTTI for non-interest related declines when a non-recognized interest related impairment remains:

a. Aggregate amount of unrealized losses:

1. Less than 12 Months \$ 158,736,787 2. 12 Months or Longer \$ 30,092,343

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

Less than 12 Months
 2,482,231,345
 12 Months or Longer
 499,888,726

(5) If the fair value of a loan-backed or structured security is less than its amortized cost basis at the balance sheet date, the Company determines whether the impairment is other-than-temporary. Amortized cost basis includes adjustments made to the cost of an investment for accretion, amortization, collection of cash and previous OTTI recognized as a realized loss.

The general categories of information that the Company considers in reaching the conclusion that an impairment is other-than-temporary are as follows:

**Intent to Sell -** if the Company intends to sell the loan-backed or structured security (that is, it has decided to sell the security), an OTTI is considered to have occurred.

**Intent and Ability to Hold** - if the Company does not intend to sell the loan-backed or structured security, the Company determines whether it has the intent and ability to retain the investment in the security for a period of time sufficient to recover the amortized cost basis. If the Company does not have the intent and ability to retain the investment for the time sufficient to recover the amortized cost basis, an OTTI shall be considered to have occurred.

Recovery of the Amortized Cost Basis - if the Company does not expect to recover the entire amortized cost basis of the security, the Company would be unable to assert that it will recover its amortized cost basis even if it does not intend to sell the security and the entity has the intent and ability to hold. Therefore, in those situations, an OTTI shall be considered to have occurred. In assessing whether the entire amortized cost basis of the security will be recovered, the Company compares the present value of cash flows expected to be collected from the security with the amortized cost basis of the security. If present value of cash flows expected to be collected is less than the amortized cost basis of the security, the entire amortized cost basis of the security will not be recovered (that is, a non-interest related decline exists), and an OTTI shall be considered to have occurred.

The Company conducts a thorough quarterly review of all loan-backed and structured security holdings to conclude if the amortized cost basis of those securities is recoverable. This review is documented at a detailed level and

encompasses numerous factors and assumptions. The overall credit tracking process yields a variety of key data that supports the impairment decision making process. The review process and related assumptions are updated quarterly based on trends in the marketplace.

As part of the quarterly review, the Company identifies securities whose ratio of credit enhancement to serious delinquency does not exhibit ample protection against principal loss. Those securities are put through a more detailed analysis which covers, among other factors, (a) an analysis of the underlying collateral characteristics; (b) a review of the historical performance of the collateral in the deal; (c) structural analysis of the security; and (d) cash flow scenario analysis.

The retrospective adjustment method is used to determine the amortized cost for the majority of loan-backed and structured securities. For certain securities, the prospective adjustments methodology is utilized, including interest-only securities and securities that have experienced an OTTI.

The market values for loan-backed and structured securities are obtained as follows:

- 1. For securities that are considered marketable market values are received from third party pricing services or by obtaining a bid price from brokerage firms engaged in the business of trading those securities.
- 2. For securities that were privately placed and for which no ready market exists the Company establishes fair market values using a matrix pricing system which considers key factors such as credit quality, industry sector, size of the issuer and transaction structure. A limited portion of the private placement portfolio is priced independently of the matrix system as described above.
- E. Dollar Repurchase Agreements and Securities Lending Transactions
  - 3) Collateral Sold or Received

		Fair Value
b)	The fair value of that collateral and of the portion of that collateral that it has	
	sold or repledged	\$ 485,005,837

- F. Repurchase Agreements Transactions Accounted for as Secured Borrowing None
- G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing None
- H. Repurchase Agreements Transactions Accounted for as a Sale None
- I. Reverse Repurchase Agreements Transactions Accounted for as a Sale None
- M. Working Capital Finance Investments None
- N. Offsetting and Netting of Assets and Liabilities None
- 6. Joint Ventures, Partnerships and Limited Liability Companies

No significant change

### 7. Investment Income

No significant change

#### 8. Derivative Instruments

- A. Derivatives under SSAP No. 86-Derivatives
  - (8) The Company does not have any derivative contracts with financing premiums.
- B. Derivatives under SSAP No. 108-Derivatives Hedging Variable Annuity Guarantees
  The Company does not hold any derivatives accounted for under SSAP No. 108 Derivatives Hedging Variable Annuity
  Guarantee ("SSAP No. 108").

#### 9. Income Taxes

D. Reconciliation of Federal Income Tax Rate to Actual Effective Rate The Coronavirus Aid, Relief and Economic Security ("CARES") Act, which became effective on March 27, 2020, is not expected to have a significant impact on corporate income tax.

#### 10. Information Concerning Parent, Subsidiaries and Affiliates

#### A. Nature of Relationships

On December 18, 2019, the Company's parent, Voya Financial, Inc., entered into a Master Transaction Agreement (the "Resolution MTA") with Resolution Life U.S. Holdings Inc. ("Resolution Life US"), pursuant to which Voya Financial, Inc., agreed to sell its subsidiaries Security Life of Denver Insurance Company ("SLD") and Security Life of Denver International Limited ("SLDI") as well as several subsidiaries of SLD and one subsidiary of SLDI. As part of the transaction, Voya Financial, Inc., has also agreed to reinsure to SLD certain in-scope individual life insurance and annuities business assets of several of the Company's affiliates, including a 100% quota share of the Company's inscope individual life and annuity business. The Company will remain a subsidiary of Voya Financial, Inc. This transaction will result in Voya Financial, Inc.'s disposition of substantially all of its life insurance and legacy non-retirement annuity business and related assets, and is expected to close by September 30, 2020 (collectively, the "Individual Life Transaction").

#### B. Transactions

On June 15, 2020, the Company received a dividend in the amount of \$15,000,000 from its wholly-owned subsidiary, Voya Financial Partner, LL ("VFP").

On May 22, 2020, the Company declared an ordinary dividend in the amount of \$294,000,000, which was paid to Voya Holdings Inc. on June 9, 2020.

On March 27, 2020, the Company received a dividend in the amount of \$20,000,000 from its wholly-owned subsidiary, VFP

#### D. Amounts Due To/From Related Parties

As of June 30, 2020, the Company had an outstanding receivable of \$253,836,847 including principal and interest from Voya Financial, Inc. and no outstanding payable, under a reciprocal loan agreement between the Company and Voya Financial, Inc.

#### 11. Debt

- B. FHLB (Federal Home Loan Bank) Agreements
  - (1) The Company is a member of the FHLB of Boston. Through its membership, the Company has conducted business activity (issued funding agreements) with the FHLB. It is part of the Company's strategy to utilize these funds for spread lending purposes. The Company has determined the estimated maximum borrowing capacity as \$2,100,000,000. The Company has the ability to obtain funding from the FHLB based on a limit on the amount of assets pledged as collateral and subject to the availability of eligible collateral. The maximum across all programs is limited to 100% of the total surplus one quarter in arrears.

#### (2) FHLB Capital Stock

a. Aggregate Totals

1. Current Year	1	2	3
	Total	General	Separate
	2+3	Account	Accounts
(a) Membership Stock-Class A	\$ _	\$	\$
(b) Membership Stock-Class B	10,000,000	10,000,000	_
(c) Activity Stock	33,400,000	33,400,000	_
(d) Excess Stock	800,000	800,000	_
(e) Aggregate Total (a+b+c+d)	44,200,000	44,200,000	_
(f) Actual or estimated Borrowing Capacity as Determined by the Insurer	\$ 989,061,083	XXX	XXX
2. Prior year-end	1	2	3
	Total	General	Separate
	2+3	Account	Accounts
(a) Membership Stock-Class A	\$ _	\$	\$
(b) Membership Stock-Class B	9,286,000	9,286,000	_
(c) Activity Stock	35,000,000	35,000,000	_
(d) Excess Stock	_	_	_
(e) Aggregate Total (a+b+c+d)	44,286,000	44,286,000	_
(f) Actual or estimated Borrowing Capacity as Determined by the Insurer	\$ 999,194,303	XXX	XXX

b. Membership Stock (Class A and B) Eligible and Not Eligible for Redemption

			Eligible for Redemption											
	1	2	3	4	5	6								
Membership Stock	Current Year Total (2+3+4+5+6)	Not Eligible for Redemption	Less Than 6 Months	6 months to Less Than 1 Year	1 to Less Than 3 Years	3 to 5 Years								
1. Class A	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —								
2. Class B	10,000,000	10,000,000	_	_	_	_								

# (3) Collateral Pledged to FHLB

a. Amount Pledged as of June 30, 2020  $\,$ 

	1	2		3
	Fair Value	Carrying Value	1	Aggregate Total Borrowing
1. Current Year Total General and Separate Accounts	_	_		
Total Collateral Pledged (Lines 2+3)	\$ 1,087,821,781	\$ 913,706,566	\$	835,000,000
2. Current Year General Account				
Total Collateral Pledged	\$ 1,087,821,781	\$ 913,706,566	\$	835,000,000
3. Current Year Separate Accounts				
Total Collateral Pledged	\$ _	\$ _	\$	_
4. Prior year-end Total General and Separate Accounts				
Total Collateral Pledged	\$ 1,087,419,456	\$ 990,324,982	\$	875,000,000
b. Maximum Amount Pledged During Reporting Period				
	1	2		3
	Fair Value	Carrying Value		nount Borrowed at ime of Maximum Collateral
1. Current Year Total General and Separate Accounts				
37 1 0 11 1 171 1 171 2 2 2				
Maximum Collateral Pledged (Lines 2+3)	\$ 1,103,442,513	\$ 971,141,513	\$	700,000,000
Maximum Collateral Pledged (Lines 2+3)  2. Current Year General Account	\$ 1,103,442,513	\$ 971,141,513	\$	700,000,000
	\$ 1,103,442,513 1,103,442,513	\$ 971,141,513 971,141,513	\$	700,000,000
2. Current Year General Account	, , ,			, ,
Current Year General Account     Maximum Collateral Pledged	, , ,			, ,
Current Year General Account     Maximum Collateral Pledged     Current Year Separate Accounts	\$ , , ,	\$	\$	, ,

# (4) Borrowing from FHLB

a. Amount as of June 30, 2020

Current	Year

	1		2		3	4			
	Total 2+3		General Account		Separate Accounts	Funding Agreements Reserves Established			
(a) Debt	\$ 		\$ —			XXX			
(b) Funding Agreements	835,000,000		835,000,000		_	750,494,103			
(c) Other	_		_		_	XXX			
(d) Aggregate Total (a+b+c)	835,000,000		835,000,000		_	750,494,103			

#### 2. Prior Year-end

	1	2	3	4			
	Tota1	General	Separate	Funding Agreements			
	 2+3	Account	Accounts	Reserves Established			
(a) Debt	\$ _	\$ _	\$ _	XXX			
(b) Funding Agreements	875,000,000	875,000,000	_	817,531,004			
(c) Other	_	_	_	XXX			
(d) Aggregate Total (a+b+c)	875,000,000	875,000,000	_	817,531,004			

#### b. Maximum Amount During 2020

	1	2		3			
	Total	General					
	2+3	Account		Accounts			
1. Debt	\$ _	\$ _	\$		_		
2. Funding Agreements	855,000,000	855,000,000			_		
3. Other	_	_			_		
4. Aggregate Total (Lines 1+2+3)	855,000,000	855,000,000			_		

## c. FHLB - Prepayment Obligations

Does the Company have prepayment obligations under the following arrangements

	(YES/NO)?
1. Debt	No
2. Funding Agreements	No
3. Other	No

### STATEMENT AS OF JUNE 30, 2020 OF THE Voya Retirement Insurance and Annuity Company

## **NOTES TO FINANCIAL STATEMENTS**

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

A. Defined Benefit Plan

The Company sponsors non-contributory supplemental retirement non-qualified plans covering certain U.S. employees. As of June 30, 2020, the Company accrued in accordance with actuarially determined amounts with an offset to the pension cost accrual for the incremental asset amortization.

A summary of the net periodic benefit cost of the Company's benefit plans is as follows at June 30, 2020 and December 31, 2019:

(4) Components of net periodic benefit cost

	Pension	Bei	nefits	1	Postretirem	ent Benefits		ontractural SSAP No. 11		
	2020		2019		2020	2019	2020	2019		
a. Service cost	\$ _		_	\$	_	\$ —	\$ _	\$	_	
b. Interest cost	1,327,600		3,436,946		25,600	70,174	_	:	3,307	
c. Expected return on plan assets	_		_		_	_	_		_	
d. Transition asset or obligation	_		_		_	_	_		_	
e. Gains and losses	987,355		1,373,877		(58,374)	(133,636)	_	(19:	5,007)	
f. Prior service cost or credit	_		(50,227)		(509,744)	(1,019,487)	_		_	
g. Gain or loss recognized due to a settlement or curtailment	_		_		_					
h. Total net periodic benefit cost	\$ 2,314,955	\$	4,760,596	\$	(542,518)	\$ (1,082,949)	\$ 	\$ (19	1,700)	

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

(4) Dividends Paid

The Company paid an ordinary dividend in the amount of \$294,000,000 to its parent, Voya Holdings Inc., on June 9, 2020

### 14. Liabilities, Contingencies, and Assessments

No significant change

### 15. Leases

No significant change

# 16. Information About Financial Instruments With Off-Balance Sheet Risk and Financial Instruments With Concentrations of Credit Risk

No significant change

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

None

# 18. Gain or Loss to the Reporting Entity from Uninsured Plans and the Uninsured Portion of Partially Insured Plans None

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

None

#### 20. Fair Value Measurements

- A. Fair Value Measurements at Reporting Date
  - (1) The table below shows assets and liabilities measured and reported at net asset value ("NAV") or fair value in which the fair value measurements use quoted prices in active markets for identical assets or liabilities (Level 1), significant other observable inputs (Level 2) and significant unobservable inputs (Level 3) as of June 30, 2020:

De	scription for each class of asset or liability	(I)	Level 1)	(Level 2)	(Level 3)	Asset Value (NAV)		Total
a.	Assets at fair value							
	Common stock	\$	12,773	\$ 44,200,000	\$ 18,170,206	\$ _	\$	62,382,979
	Derivatives assets							
	Equity contracts		_	2,452,587	_	_		2,452,587
	Foreign exchange contracts		_	230,128	_	_		230,128
	Interest rate contracts		6,902,507	845,638,031	_	_		852,540,538
	Total Derivatives		6,902,507	848,320,746	_	_		855,223,253
	Separate account assets	68,7	777,973,796	7,396,682,986	176,918,433	_	7	6,351,575,215
	Total assets at fair value/NAV	\$68,7	84,889,076	\$ 8,289,203,732	\$ 195,088,639	\$ _	\$ 7	7,269,181,447
b.	Liabilities at fair value							
	Deposit type contracts	\$	_	\$ 20,792,813	\$ _	\$ _	\$	20,792,813
	Derivatives liabilities							
	Credit contracts		_	1,344,335	_	_		1,344,335
	Equity contracts		_	1,781,407	_	_		1,781,407
	Foreign exchange contracts		_	429,046	_	_		429,046
	Interest rate contracts		32,686	482,035,923	_	_		482,068,609
	Total Derivatives	\$	32,686	\$ 485,590,711	\$ 	\$ 	\$	485,623,397
	Separate account liabilities		<u> </u>	1,664,658	<u> </u>	<u> </u>		1,664,658
	Total liabilities at fair value	\$	32,686	\$ 508,048,182	\$ 	\$	\$	508,080,868

(2) The table below summarizes the changes in fair value of the Company's assets and liabilities using significant unobservable inputs (Level 3) during the reporting period of April 1, 2020 to June 30, 2020:

	Description	b	eginning alance at ril 1, 2020	Transfers to Level 3	Tra	nsfers out of Level 3	an ir	otal gains ad (losses) acluded in det Income	tal gains and (losses) ncluded in Surplus	_	Purchases	Issu	ances	Sales	Sett	lements	ba	inding lance at 30, 2020
a.	Assets																	
	Bonds																	
	Foreign	\$	144,955	\$ _	\$	_	\$	(103,586)	\$ 45	\$	_	\$	_	\$ (41,414)	\$	_	\$	_
	Common Stock		13,850,770	_		_		_	1,248,015		4,343,160		_	_	(1	,271,739)	1	8,170,206
	Separate accounts	1	42,039,573	3,757,632		(5,084,760)		2,308,016	80,110		34,567,371	(54	14,421)	(205,088)		_	17	6,918,433
	Total Assets	\$ 1	56,035,298	\$ 3,757,632	\$	(5,084,760)	\$	2,204,430	\$ 1,328,170	\$	38,910,531	\$ (54	14,421)	\$ (246,502)	\$ (1	,271,739)	\$ 19	5,088,639
ь.	Liabilities																	
	Total Liabilities	\$		\$ 	\$	_	\$		\$ 	\$		\$	_	\$ 	\$		\$	

Transfers in and out of Level 3 during the period of April 1, 2020 to June 30, 2020 are due to the variation in inputs relied upon for valuation each quarter. Securities that are primarily valued using independent broker quotes when prices are not available from one of the commercial pricing services are reflected as transfers into Level 3, as these securities are generally less liquid with very limited trading activity or where less transparency exists corroborating the inputs to the valuation methodologies. When securities are valued using more widely available information, the securities are transferred out of Level 3 and into Level 1 or 2, as appropriate.

(3) The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). If the inputs used to measure fair value fall within different levels of the hierarchy, the category level is based on the lowest priority level input that is significant to the fair value measurement of the instrument.

Financial assets and liabilities recorded at fair value on the balance sheet are categorized as follows:

- Level 1 Unadjusted quoted prices for identical assets or liabilities in an active market.
- Level 2 Quoted prices in markets that are not active or inputs that are observable either directly or indirectly for substantially the full term of the asset or liability. Level 2 inputs include the following:
  - Quoted prices for similar assets or liabilities in active markets;
  - Quoted prices for identical or similar assets or liabilities in non-active markets;
  - Inputs other than quoted market prices that are observable; and
  - Inputs that are derived principally from or corroborated by observable market data through correlation
    or other means.
- Level 3 Prices or valuation techniques that require inputs that are both unobservable and significant to the overall fair value measurement. These valuations, whether derived internally or obtained from a third party, use critical assumptions that are not widely available to estimate market participant expectations in valuing the asset or liability.
- (4) Fair values are based on quoted market prices when available. When market prices are not available, fair value is generally estimated using discounted cash flow analyses, incorporating current market inputs for similar financial instruments with comparable terms and credit quality (matrix pricing). In instances where there is little or no market activity for the same or similar instruments, the Company estimates fair value using methods, models and assumptions that management believes market participants would use to determine a current transaction price. These valuation techniques involve some level of management estimation and judgment which becomes significant with increasingly complex instruments or pricing models. Where appropriate, adjustments are included to reflect the risk inherent in a particular methodology, model or input used.

Derivatives are carried at fair value, which is determined using the Company's derivative accounting system in conjunction with observable key financial data from third-party sources, such as yield curves, exchange rates, S&P 500 Index prices and London Interbank Offered Rates ("LIBOR") and Overnight Index Swap Rates ("OIS"). For those derivatives that are unable to be valued by the accounting system, the Company typically utilizes values established by third-party brokers. Derivatives which qualify for special hedge accounting treatment are reported in a manner that is consistent with the accounting for the hedged asset or liability.

- (5) See Note 20A(1-4) for disclosures on derivative assets and liabilities.
- B. Other Fair Value Disclosures None

#### C. Aggregate Fair Value Disclosures

The following table shows all financial instruments and the level within the fair value or NAV hierarchy in which the fair value measurements fall as of June 30, 2020:

Type of Financial Instrument	Aggregate Fair Value	Admitted Assets	(Level 1)	(Level 2)	(Level 3)	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Assets					•		
Bonds	\$ 27,568,011,532	\$ 24,696,728,906	\$ 569,811,809	\$25,820,017,658	\$1,178,182,065	<b>\$</b>	<b>\$</b>
Preferred stock	210,280,258	193,520,269	16,189,514	13,217,160	180,873,584	_	_
Common stock	62,382,979	62,382,981	12,773	44,200,000	18,170,206	_	_
Mortgage loans	4,908,726,101	4,731,139,452	_	_	4,908,726,101	_	_
Contract loans	235,322,419	235,322,419	235,322,419	_	_	_	_
Other invested assets	291,372,933	214,290,662	_	291,246,444	126,489	_	_
Cash, cash equivalents and short-term investments	254,170,545	254,169,188	_	253,829,233	341,312	_	_
Derivatives							
Equity contracts	2,452,587	2,452,587	_	2,452,587	_	_	_
Foreign exchange contracts	43,317,286	16,785,692	_	43,317,286	_	_	_
Interest rate contracts	854,855,194	852,540,538	6,902,507	847,952,687	_	_	_
Separate account assets	76,351,575,215	76,351,575,215	68,777,973,796	7,396,682,986	176,918,433	_	_
Total Assets	\$ 110,782,467,049	\$ 107,610,907,909	\$69,606,212,818	\$34,712,916,041	\$6,463,338,190	\$ —	\$ —
Liabilities							
Supplementary contracts and immediate annuities	\$ 391,142,872	\$ 275,736,646	\$	s —	\$ 391,142,872	\$ —	s —
Deposit type contracts	860,852,315	771,286,916	_	860,852,315	_	_	_
Derivatives							
Credit contracts	1,790,920	3,615,643	_	1,790,920	_	_	_
Equity contracts	1,781,407	1,781,407	_	1,781,407	_	_	_
Foreign exchange contracts	(7,998,758)	5,425,951	_	(7,998,758)	_	_	_
Interest rate contracts	769,066,274	482,068,609	100,311	768,965,963	_	_	_
Long-term debt	3,786,567	3,786,567	_	3,786,567	_	_	_
Separate account liabilities	1,664,658	1,664,658		1,664,658			
Total Liabilities	\$ 2,022,086,255	\$ 1,545,366,397	\$ 100,311	\$ 1,630,843,072	\$ 391,142,872	\$ <u> </u>	\$

- D. Reasons Not Practicable to Estimate Fair Value None
- E. Investments measured using the NAV practical expedient pursuant to SSAP No. 100R, Fair Value None

### 21. Other Items

#### C. Other Disclosures

The spread of the COVID-19 virus has caused significant financial market volatility, economic uncertainty, and interruptions to normal business activities. As of the date of issuance of these financial statements, the full impact to the Company is unknown since the outbreak is still evolving. On April 15, 2020, the NAIC adopted the following guidance: INT 20-02: Extension of Ninety-Day Rule for Impact of COVID-19, INT 20-03: Troubled Debt Restructuring Due to COVID-19, and INT 20-04: Mortgage Loan Impairment Assessment Due to COVID-19. On May 20, 2020, the NAIC adopted the following guidance: INT 20-05: Investment Income Due and Accrued and INT 20-07: Troubled Debt Restructuring of Certain Debt Instruments Due to COVID-19. On July 22, 2020, the NAIC adopted the following guidance: INT 20-08: COVID-19 Premium Refunds, Limited-Time Exception, Rate Reductions and Policyholder Dividends. The Company is evaluating what, if any, impacts this guidance may have on the financial statements.

The mandatory business shutdowns and stay-at-home orders implemented in most states have required the Company to make significant changes to the day-to-day conduct of business. The Company's business has been deemed an essential service in most or all jurisdictions and employees have continued working, primarily from home. Based on the Company's experience to date, this transition to a work-from-home arrangement has been very successful. The Company has not experienced any material impact to internal controls over financial reporting due to the COVID-19 pandemic. The Company is continually monitoring and assessing the COVID-19 situation on internal controls to minimize the impact to design and operating effectiveness.

Because both the public health and economic circumstances are changing so rapidly at present, it is impossible to predict how COVID-19 will affect the Company's financial condition. Absent a further significant and prolonged market shock, however, the Company does not anticipate any material effect on its balance sheet, capital or liquidity.

# STATEMENT AS OF JUNE 30, 2020 OF THE Voya Retirement Insurance and Annuity Company

## **NOTES TO FINANCIAL STATEMENTS**

#### 22. Events Subsequent

Type I – Recognized Subsequent Events

The Company is not aware of any events occurring subsequent to June 30, 2020 that may have a material effect on the Company's financial statements. The Company evaluated events subsequent to June 30, 2020 through August 13, 2020, the date the statutory financial statements were available to be issued.

#### Type II – Nonrecognized Subsequent Events

The Company is not aware of any events occurring subsequent to June 30, 2020 that may have a material effect on the Company's financial statements. The Company evaluated events subsequent to June 30, 2020 through August 13, 2020, the date the statutory financial statements were available to be issued.

#### 23. Reinsurance

No significant change

#### 24. Retrospectively Rated Contracts & Contracts Subject to Redetermination

E. Risk Sharing Provisions of the Affordable Care Act ("ACA")
None

#### 25. Change in Incurred Losses and Loss Adjustment Expenses

None

#### 26. Intercompany Pooling Arrangements

None

#### 27. Structured Settlements

None

#### 28. Health Care Receivables

None

### 29. Participating Policies

None

#### 30. Premium Deficiency Reserves

None

#### 31. Reserves for Life Contracts and Annuity Contracts

No significant change

#### 32. Analysis of Annuity Actuarial Reserves and Deposit Type Contract Liabilities by Withdrawal Characteristics

No significant change

#### 33. Analysis of Life Actuarial Reserves by Withdrawal Characteristics

No significant change

#### 34. Premium & Annuity Considerations Deferred and Uncollected

No significant change

#### 35. Separate Accounts

No significant change

## 36. Loss/Claim Adjustment Expenses

None

# **GENERAL INTERROGATORIES**

# PART 1 - COMMON INTERROGATORIES

#### **GENERAL**

1.1		Yes [ ]	No [ X ]									
1.2	If yes, has the report been filed with the domiciliary state?						Yes [ ]	No [ ]				
2.1	Has any change been made during the year of this statement in the reporting entity?						Yes [ ]	No [ X ]				
2.2	If yes, date of change:					····· <u> </u>						
3.1	Is the reporting entity a member of an Insurance Holding Company is an insurer?  If yes, complete Schedule Y, Parts 1 and 1A.						Yes [ X ]	No [ ]				
3.2	Have there been any substantial changes in the organizational changes in the organization changes in	rt since the prior q	uarter end?				Yes [ X ]	No [ ]				
3.3	If the response to 3.2 is yes, provide a brief description of those changes in ownership of entities, dissolution of entities, mergers are	•	ies during the quarter.									
3.4	Is the reporting entity publicly traded or a member of a publicly trade	ed group?					Yes [ X ]	No [ ]				
3.5	If the response to 3.4 is yes, provide the CIK (Central Index Key) co	ode issued by the	SEC for the entity/group	·		<u> </u>	0000837010					
4.1	.1 Has the reporting entity been a party to a merger or consolidation during the period covered by this statement?  If yes, complete and file the merger history data file with the NAIC.											
4.2	If yes, provide the name of the entity, NAIC Company Code, and staceased to exist as a result of the merger or consolidation.	ate of domicile (us	e two letter state abbrev	riation) for any entity	that has							
	1 Name of Entity		2 NAIC Company Code	3 State of Domicile	2							
	Name of Endy		' '									
5.	If the reporting entity is subject to a management agreement, includin-fact, or similar agreement, have there been any significant changifyes, attach an explanation.	ding third-party adr ges regarding the t	ninistrator(s), managing erms of the agreement	general agent(s), a principals involve	ttorney- d?	Yes [	] No [ )	[ ] N/A [				
6.1	State as of what date the latest financial examination of the reportir	ng entity was made	e or is being made			<u> </u>	12/3	1/2019				
6.2	State the as of date that the latest financial examination report because should be the date of the examined balance sheet and not the						12/3 <sup>-</sup>	1/2014				
6.3	State as of what date the latest financial examination report becam the reporting entity. This is the release date or completion date of the date).	he examination rep	oort and not the date of	the examination (ba	lance she	et	03/09	)/2016				
6.4	By what department or departments?											
6.5	Connecticut  Have all financial statement adjustments within the latest financial estatement filed with Departments?					Yes [	] No [	] N/A [ X ]				
6.6	Have all of the recommendations within the latest financial examina	ation report been o	omplied with?			Yes [	] No [	] N/A [ X ]				
7.1	Has this reporting entity had any Certificates of Authority, licenses of revoked by any governmental entity during the reporting period?						Yes [ ]	No [ X ]				
7.2	If yes, give full information:											
8.1	Is the company a subsidiary of a bank holding company regulated by	by the Federal Res	erve Board?				Yes [ ]	No [X]				
8.2	If response to 8.1 is yes, please identify the name of the bank holdi	ng company.										
8.3	Is the company affiliated with one or more banks, thrifts or securitie	s firms?					Yes [ X ]	No [ ]				
8.4	If response to 8.3 is yes, please provide below the names and local regulatory services agency [i.e. the Federal Reserve Board (FRB), Insurance Corporation (FDIC) and the Securities Exchange Commit	the Office of the C	omptroller of the Curren	cy (OCC), the Fede	ral Depos							
	1 Affiliate Name		2 .ocation (City, State)	3 FRB	4 OCC	5 FDIC	6 SEC					
	Voya Alternative Asset Management LLC	New York, NY		N0	N0	N0	YES					
	Voya America Equities, Inc.				NO	NO	YES					
	Voya Financial Partners, LLC				NO	NO	YES					
	Voya Financial Advisors, Inc.				NO NO	NO	YES					
	Voya Investment Management Co. LLC				NO NO	N0 N0	YES					
	Voya Investments Distributor, LLC				NO	NO	YES					
	Voya Investments Distributor, ELC				NO	NO	YES					
	Voya Retirement Advisors, LLC				NO	NO	YES					
		1		ı								

# **GENERAL INTERROGATORIES**

9.1	(a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between perso relationships;		Yes [ X ]	No [	]
	(b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting	g entity;			
	(c) Compliance with applicable governmental laws, rules and regulations;				
	(d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and				
0.44	(e) Accountability for adherence to the code.				
9.11	If the response to 9.1 is No, please explain:				
9.2	Has the code of ethics for senior managers been amended?		Yes [ ]	No [ X	1
9.21	If the response to 9.2 is Yes, provide information related to amendment(s).				•
9.3	Have any provisions of the code of ethics been waived for any of the specified officers?		Voo [	No F V	1
9.31	If the response to 9.3 is Yes, provide the nature of any waiver(s).		res [ ]	INO [ X	1
0.01	in the response to 5.5 to 165, provide the hardre of any waiver(5).				
	FINANCIAL				
10.1	Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement?		Yes [ X ]	No [	1
10.2	If yes, indicate any amounts receivable from parent included in the Page 2 amount:			-	-
	INVESTMENT				
11.1	Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or other	rwise made available for			
44.0	use by another person? (Exclude securities under securities lending agreements.)		Yes [ X ]	No [	]
11.2	If yes, give full and complete information relating thereto: Investments in other pledged collateral of \$72,178,480				
12.	Amount of real estate and mortgages held in other invested assets in Schedule BA:	\$			٥
13.	Amount of real estate and mortgages held in short-term investments:				
14.1	Does the reporting entity have any investments in parent, subsidiaries and affiliates?				
	If yes, please complete the following:		100 [ X ]	110 [	1
		1		2	
		Prior Year-End		ent Quart	
		Book/Adjusted Carrying Value		k/Adjuste ying Valu	
14 21	Bonds\$	175 /01 667	\$		
	Preferred Stock \$		\$		
	Common Stock \$		\$		
	Short-Term Investments \$		\$		
	Mortgage Loans on Real Estate\$		\$		
	All Other		\$		
	Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)\$		\$		
	Total Investment in Parent included in Lines 14.21 to 14.26 above		\$	,	,
14.20				,	•
15.1	Has the reporting entity entered into any hedging transactions reported on Schedule DB?				
15.2	If yes, has a comprehensive description of the hedging program been made available to the domiciliary state?	Yes [	X ] No [	] N/A	[ ]
10					
16.	For the reporting entity's security lending program, state the amount of the following as of the current statement date:		•	405 004	100
	16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2		-		
	16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Par				
	16.3 Total payable for securities lending reported on the liability page.		\$	485,005	,837

# **GENERAL INTERROGATORIES**

Bank of New York Me	Name of Custo	odian(s)		et	2 ustodian Addr					
For all agreements to	aat do not comply w	ith the requirements of the NAIC	, in the second			rovide the name				
location and a comp	ete explanation:	·	Financial Cond	uon Examiners		Tovide the name,				
1 Name		2 Location(s)			3 omplete Expla	nation(s)				
Have there been any		name changes, in the custodian	n(s) identified in	17.1 during the	current quarte	er?	Yes	[ ]	No	[
1 Old Cus	todian	2 New Custodian		3 of Change		4 Reason				
make investment de such. ["that have Voya Investment Mai BlackRock Financia	cisions on behalf of access to the invest  Name of Firm nagement LLC		hat are managed rities"]  2 Affiliat	internally by e						
17.5097 For those fill designated	ms/individuals listed with a "U") manage	ont L.Pd in the table for Question 17.5, comore than 10% of the reporting of	do any firms/indi entity's invested	viduals unaffilia assets?			Yes	[	] No	0
17.5098 For firms/ind total assets	dividuals unaffiliated under managemen	I with the reporting entity (i.e. des t aggregate to more than 50% of	signated with a " the reporting er	U") listed in the tity's invested a	table for Que	estion 17.5, does the	Yes	[	] No	)
For those firms or included table below.	dividuals listed in the	e table for 17.5 with an affiliation	code of "A" (affi	liated) or "U" (u	naffiliated), pr	ovide the information for t	he			
1		2		3		4		Mana Agr	eeme	ne er
Central Registration									\\ Fil	
Depository Number	. Voya Investment	Name of Firm or Individual		Legal Entity Ide MZJU01BGQ7J1KUL	_QSB89	SEC		(IM) DS		
Depository Number 108934 107105 107580	. Voya Investment I BlackRock Financ Blackstone Alter	Management LLCial Management, Incnative Asset Management L.P		MZJUO1BGQ7J1KUL 549300LVXY1VJKE 549300R4EZHU6DU	_QSB89 13M84 JS3S67	SEC SEC SEC		DS NO NO		
Depository Number 108934	. Voya Investment   . BlackRock Financ . Blackstone Alter	Management LLCial Management, Inc.		MZJUO 1BGQ7J 1KUL 549300L VXY I VJKE 549300R4EZHU6DU	_QSB89 	SEC SEC		DS NO NO		
Depository Number 108934	Voya Investment I BlackRock Financ Blackstone Altern Investments of the Purish Research Investment I Blackstone Altern Investments of the Purish Research Investment I Blackstone I Blackst	Management LLC	of the NAIC Invo	IZJJ01BGQ7J1KUL 549300LYXYIVJKE 549300R4EZHU6DU estment Analysi for each self-de xist or an NAIC t and principal.	usser soffice been sesignated 5GI CRP credit ra	SEC	Yes	DS NO NO	] No	0
Depository Number 108934 107105 107580 10758	Voya Investment I BlackRock Financ Blackstone Alterial Blackstone Alterial Investments of the Public GI securities, the result of the Public GI securities, the result of the Public GI securities, the as purchased prior tentity is holding capignation was derive ivate letter rating heentity is not permitted.	Management LLC	of the NAIC Invitoring elements curity does not elements. Contracted interest contract	IZJJ01BGQ7J1KUL 549300LYXYIVJKE 549300R4EZHU6DU estment Analysi for each self-de xist or an NAIC t and principal. s of each self-de ported for the se P in its legal cal y state insurance the SVO.	ussasson	SEC	Yes	DSNONO	] No	0

# **GENERAL INTERROGATORIES**

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

Life and	Accident Health Companies/Fraternal Benefit Societies:  Report the statement value of mortgage loans at the end of this reporting period for the following categories:	1 Amount
	1.1 Long-Term Mortgages In Good Standing	Amount
	1.11 Farm Mortgages	.\$0
	1.12 Residential Mortgages	.\$0
	1.13 Commercial Mortgages	.\$4,726,391,834
	1.14 Total Mortgages in Good Standing	.\$4,726,391,834
	1.2 Long-Term Mortgages In Good Standing with Restructured Terms	
	1.21 Total Mortgages in Good Standing with Restructured Terms.	\$0
	1.3 Long-Term Mortgage Loans Upon which Interest is Overdue more than Three Months	
	1.31 Farm Mortgages	.\$0
	1.32 Residential Mortgages	.\$0
	1.33 Commercial Mortgages	.\$4,747,620
	1.34 Total Mortgages with Interest Overdue more than Three Months	.\$4,747,620
	1.4 Long-Term Mortgage Loans in Process of Foreclosure	
	1.41 Farm Mortgages	.\$0
	1.42 Residential Mortgages	.\$0
	1.43 Commercial Mortgages	.\$0
	1.44 Total Mortgages in Process of Foreclosure	.\$0
1.5	Total Mortgage Loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2)	.\$4,731,139,454
1.6	Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter	
	1.61 Farm Mortgages	.\$0
	1.62 Residential Mortgages	.\$0
	1.63 Commercial Mortgages	.\$0
	1.64 Total Mortgages Foreclosed and Transferred to Real Estate	.\$0
2.	Operating Percentages:	
	2.1 A&H loss percent	0.000 %
	2.2 A&H cost containment percent	0.000 %
	2.3 A&H expense percent excluding cost containment expenses	0.000 %
3.1	Do you act as a custodian for health savings accounts?	Yes [ ] No [ X ]
3.2	If yes, please provide the amount of custodial funds held as of the reporting date	.\$0
3.3	Do you act as an administrator for health savings accounts?	Yes [ ] No [ X ]
3.4	If yes, please provide the balance of the funds administered as of the reporting date	.\$0
4.	Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states?	Yes [ X ] No [ ]
4.1	If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of domicile of the reporting entity?	Yes [ ] No [ ]
Fratern	al Benefit Societies Only:	
5.1	In all cases where the reporting entity has assumed accident and health risks from another company, provisions should be made in this statement on account of such reinsurances for reserve equal to that which the original company would have been required to	v
	establish had it retained the risks. Has this been done?	Yes [ ] No [ ] N/A [ ]
5.2	If no, explain:	
6.1	Does the reporting entity have outstanding assessments in the form of liens against policy benefits that have increased surplus?	Yes [ ] No [ ]
6.2	If yes, what is the date(s) of the original lien and the total outstanding balance of liens that remain in surplus?	

Date	Outstanding Lien Amount
	0

# **SCHEDULE S - CEDED REINSURANCE**

Showing All New Reinsurance Treaties - Current Year to Date

		Showing All New Reinsura	nce Treaties	- Current Yea	ar to Date			
1	2	3 4	5	6	7	8	9	10 Effective
NAIC Company	ID	Effective	Domiciliary	Type of Reinsurance	Type of Business		Certified Reinsurer Rating	Date of Certified Reinsurer
Code	Number	Date Name of Reinsurer	Jurisdiction	Ceded	Ceded	Type of Reinsurer	(1 through 6)	Rating
	·····							 I
	·····							 I
								·
								ļ
								۲
·								í
								, I
								L
								L
								r
ļ							····	, I
								· · · · · · · · · · · · · · · · · · ·
								 I
·								 I
								L
			A \					<b></b>
								·····
·····	·····		/					i
			·····•					 I
								L
								<b></b>
								ſ
}								í
								, I
								L
								L
}				-				
<b> </b>				-			<u> </u>	 I
<u> </u>							····	, I
								L
								b
								r
								 I
								 I
<u> </u>				-			·	 I
								 پ
								r
			1					i

# SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS Current Year To Date - Allocated by States and Territories

Accident and part   Acci		-			, , , , , , , , , , , , , , , , , , , ,	Direct Bus	iness Only		
March   Marc			1				5	6	7
State   Elsa				2	3	Accident and			
Adjustment   Adj									
State   December   Company   Compa			Active					Total	
Authors				Life Insurance	Annuity	Membership	Other		Deposit-Type
2 Alexans		States, Etc.					Considerations	2 Through 5	Contracts
3. Acrorso 4. Acronso 4. Acronso 4. Acronso 4. Acronso 4. Consorde 6. Coronade 6. Coronade 6. Coronade 7. Construction 7. Construction 8. December 9. Coronade 8. December 9.	1.	AlabamaAL	L	394,245	40,506,559	0	0	40,900,804	0
4. Altamesta	2.	Alaska AK	L	70,476	9,201,812	0	0	9,272,288	0
4. Administrat.  ARY L. SSP, 207 S. 327 S. 500 D. S. 702 S. 668 97.17.5 S. 500 D. S. 702 S. 600 P. S. 702 S. 702 S. 600 P. S. 702 S.	3.	Arizona AZ	L	502,538	63,681,883	287	0	64, 184, 708	173,790
S. California	4.	Arkansas AR		558.427		0			54 , 135
Concretation	5.					0			172,025
7. Connections									
Section Columbia									296.724
9. Dissict of Columbia. DC						0			,
10.   Findral							, , ,		0
1   Georgia			L						0
12   Havani			L		351,412,837				354,207
12   Mary   March	11.		L	749, 176	149,613,317	0	8,603,050		363,093
14.   Infinizes	12.	Hawaii HI	L	313,601	7,972,351		23,323,957	31,609,910	0
14.   Infinizes	13.	IdahoID	L	65.517	13.016.418	0	0	13.081.935	0
16.   Indiana		.5				0			140.927
16   1009									0
17.   Kansas   KS   L   1,883,337   60,938,739   0   0   0   0   0   0   0   0   0		***				0			0
18. Kentucky									0
19		· · ·					0		0
Description	18.	,	L	260,609	68,255,223	0	16,694,878		0
Description	19.	Louisiana LA	L	392,307	96,014,063	0	0	96,406,370	0
22   Massexhuettetts	20.		L	,		<u> </u>			0
Messandruetts	_								190,000
Michigan   MI									180 , 185 , 611
24					100 040 470				
Misseshipi									278,481
Mascort			ļL.						0
28			L			0	0		0
22   Notranska   NE	26.	Missouri MO	L	416 . 190					48,927
22   Nevrada			1					, , , , , ,	0
229   Newdarpolitie			I						0
30   New Hampshire				, .		0			
31 New Jersey									0
31 New Jersey							0		11,441
22   New Mesco	31.	New Jersey NJ	L	1,901,021		0	0		292,543
33   New York	32.	New MexicoNM	L	111.992	14 . 636 . 998	0		14.748.989	0
34. North Carolina	33					20 313	27 366 819		646,918
35						,			421.283
36 Ohio									, .
33									0
38 Oregon			L			0			23,782
38   Oregon	37.	Oklahoma OK	L	239,639	49,386,764	0	0	49,626,403	351,717
39   Pennsylvania	38.	Oregon OR	L	135.796	141.713.635	0	2.533.991	144.383.421	160,822
40	39.	•					278 996		47,990
41   South Carolina   SC   L   438,353   31,605,509   1,111   0   32,044,973   42   South Dakota   SD   L   50,087   4,703,391   0   0   4,757,018   43   Tennessee   TN   L   666,768   110,278,050   0   527,690   114,502,509   44   Texas   TX   L   2,600,382   454,522,652   0   39,190,744   949,323,688   45   Utah   UT   L   60,274   2,467,190   0   0   24,069,945   46   Vermont   VT   L   66,341   5,615,789   335   0   5,682,494   47   Virginia   VA   L   1,159,934   225,869,940   0   10,926,950   227,955,786   48   Washington   WA   L   318,778   89,592,506   0   0   0   89,911,293   49   West Virginia   WV   L   105,844   14,959,145   0   0   116,624,989   49   West Virginia   WV   L   318,778   89,592,506   0   0   0   16,624,990   50   Wisconsin   WI   L   341,972   164,948,225   0   0   0   16,624,990   51   Wyoming   WY   L   10,688   5,219,484   0   0   0   5,230,172   52   American Sampa   AS   N   0   0   3,882   0   0   0   5,230,172   53   Claum   GU   L   0   137,879   0   0   0   1,37,879   54   Puetro Rico   PP   L   11,788   1,300,965   0   0   1,37,879   55   US. Virgin Islands   MP   N   0   1,363,447   0   0   0   1,37,879   56   Nothern Mariana Islands   MP   N   0   1,363,447   0   0   0   1,37,879   57   Canada   Fred Falten   OT   XXX   164,898   2,000,999   0   0   0   0   1,37,575   58   Sublotal   Contrada proliferable p									302.728
42   South Dakota   SD	_								,
43   Tennessee							0		0
44.   Texas			ļL.	,			0		0
44.   Texas	43.	Tennessee TN	L	696,768	113,278,050	0	527,690	114,502,508	23,853
45	44.	Texas	1	2 600 362		0	39 190 744	496 323 668	336,226
46   Vermont				· · · · · · · · · · · · · · · · · · ·	, ,		, ,	, ,	0
47   Virginia			<u>-</u>						
48.   Washington   WA			<u>-</u>						0
49									(87,270)
50   Wisconsin   Wi	48.	Washington WA	L	318,787	89,592,506	0	0	89,911,293	463, 121
51	49.	West Virginia WV	L	105,844	14,959,145	0	0	15,064,989	0
51   Wyoming	50.	Wisconsin WI	1	341 972	164 948 225	0	0	165 290 198	24.636
52   American Samoa		•••							0
53. Guam									
54   Puerto Rico		· · ·							0
55. U.S. Virgin Islands									0
55   U.S. Virgin Islands							0	1,312,752	0
56. Northern Mariana Islands	55.					0	0	1,365,126	0
57   Canada	56.	Northern Mariana Islands MP		0			0	593	0
58. Aggregate Other Aliens				061		n			0
59.   Subtotal		- · · · ·		100 000		0			0
90. Reporting entity contributions for employee benefits plans.							1 514 700 000		
Plans				45,736,027	0, 120,027,684	∠5,∪59	1, 514, 793, 696	1,080,002,466	185,392,473
91.   Dividends or refunds applied to purchase paid-up additions and annutities.   XXX	90.		1001	^	_	_	^	_	^
additions and annuities.	0.1		XXX	······0	0	0	0	0	0
92. Dividends or refunds applied to shorten endownent or premium paying period.	91.		VVV	_	_	_	^	^	^
or premium paying period. XXX	00			ļ <sup>0</sup>	ļ <sup>0</sup>	0	0	ļ <sup>0</sup>	U
93. Premium or annuity considerations waived under disability or other contract provisions.	92.		·	^	^	^	٨	^	^
disability or other contract provisions.	00		XX	l0	l0	0		0	0
94. Aggregate or other amounts not allocable by State.         XXX         0         1,514,793,696         7,681,431,464         18         18         25,059         1,514,793,696         7,681,431,464         18         18         1,059,126         0         0         0         1,059,126         0         0         0         1,059,126         0         0         0         1,059,126         0         0         0         1,059,126         0         0         0         0         1,059,126         0         0         0         0         1,059,126         0         0         0         0         0         0         0         0         0         0         1,059,126         18         25,059         1,514,793,696         7,682,490,590         16         0         0         1,514,793,696         7,682,490,590         18         0         0         0         1,514,793,696         7,584,799,862         18         18         18         <	93.		VVV	000 000	^	^	^	000 000	0
95. Totals (Direct Business).	04				0				0
96. Plus Reinsurance Assumed.						0			0
97   Totals (All Business)		,					, , ,		185,392,473
97   Totals (All Business).	l l				0	0			0
98. Less Reinsurance Ceded.         XXX         47,644,151         50,021,518         25,059         0         97,690,728           99. Totals (All Business) less Reinsurance Ceded         XXX         0         6,070,006,166         0         1,514,793,696         7,584,799,862         18           58001. ZZZ Other alien         XXX         184,986         2,000,809         0         0         2,185,795           58002. Sxxx         XXX         XXX         XXX         3         XXX         3         3         XXX         3         3         XXX         3         3         3         3         XXX         3 </td <td>97</td> <td>Totals (All Business)</td> <td></td> <td></td> <td>6, 120, 027, 684</td> <td>25,059</td> <td>1,514,793,696</td> <td>7,682,490,590</td> <td>185,392,473</td>	97	Totals (All Business)			6, 120, 027, 684	25,059	1,514,793,696	7,682,490,590	185,392,473
99. Totals (All Business) less Reinsurance Ceded	98.	Less Reinsurance Ceded					, , ,		0
DETAILS OF WRITE-INS	l l				, ,	,			185,392,473
S8001. ZZZ 0ther alien	<del> </del>	,	////		2,273,000,100		.,511,700,000	.,551,750,652	.50,502,770
S8002	E0001			404.000	0.000.000	_		0 405 705	_
S8003.					2,000,809		0	2, 185, /95	0
S8003.	l l		XXX						
overflow page         XXX         0         0         0         0         0           58999. Totals (Lines 58001 through 58003 plus 58998)(Line 58 above)         XXX         184,986         2,000,809         0         0         2,185,795           9401. 9402. 9403. 9498. Summary of remaining write-ins for Line 94 from overflow page         XXX         0					<u> </u>	ļ		<u> </u>	ļ
overflow page         XXX         0         0         0         0         0           58999. Totals (Lines 58001 through 58003 plus 58998)(Line 58 above)         XXX         184,986         2,000,809         0         0         2,185,795           9401. 9402. 9403. 9498. Summary of remaining write-ins for Line 94 from overflow page         XXX         0	58998.								
Totals (Lines 58001 through 58003 plus			XXX	0	0	0	0	0	0
S8998)(Line 58 above)	58999								
9401.	2 30 30.		XXX	184 986	2.000 809	n	0	2.185 795	0
9402.	9401			.51,000	_,550,550			_, .50, 750	
9403.									
9498. Summary of remaining write-ins for Line 94 from overflow page				<b> </b>	<b> </b>	<b></b>		<b> </b>	ļ
overflow page         XXX         0	l l		XXX			ļ		<b> </b>	ļ
9499. Totals (Lines 9401 through 9403 plus 9498)(Line	9498.								
9499. Totals (Lines 9401 through 9403 plus 9498)(Line			XXX	0	0	0	0	0	0
	9499.		Ī						
94 above) XXX 0 0 0 0 0 0		94 above)	XXX	0	0	0	0	0	0

# SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP PART 1 - ORGANIZATIONAL CHART

	Insurer/Non-			
Entity Name Voya Financial, Inc.	insurer	<b>FEIN</b> 52-1222820	NAIC	State DE
Pen-Cal Administrators, Inc.		94-2695108		CA
SLD Service Company, LLC		84-4774506		DE
RL Payroll Management Company, LLC		85-0526803		DE
IIPS OF FLORIDA, LLC				FL
Security Life Assignment Corporation Security Life of Denver Insurance Company	Insurer	84-1437826 84-0499703	68713	CO CO
Midwestern United Life Insurance Company	Insurer	35-0838945	66109	IN
Pomona Capital VII, L.P.				DE
Pomona Energy Partners US, L.P.				DE
Pomona Voya (US) Holdings Co-Investment II, L.P.				DE
Pomona Voya (US) Holdings IV, L.P. Pomona Voya (US) Holdings V L.P.				DE DE
Pomona Voya (US) Holdings V-A, L.P.				DE
Roaring River IV Holding, LLC		46-3607309		DE
Roaring River IV, LLC	Insurer	80-0955075	15365	MO
The Voya Proprietary Alpha Fund, LLC		20-8811107		DE
Voya America Equities, Inc.		84-1251388		co
Voya Pomona Asia Pacific Private Equity Co-Invest I L.P. RiverRoch LLC				DE DE
Oconee Real Estate Holdings LLC		85-1578755		DE
Security Life of Denver International Limited	Insurer	98-0138339	15321	AZ
Roaring River II, Inc.	Insurer	27-2278894	14007	AZ
Voya Custom Investments LLC		27-2278894		DE
SLDI Georgia Holdings, Inc.		27-1108872		GA
Voya II Custom Investments LLC		27-1108872		DE
Rancho Mountain Properties, Inc.		27-2987157		DE
Voya Financial Products Company, Inc.  Voya Holdings Inc.		26-1956344 02-0488491		DE CT
Voya Benefits Company, LLC		83-0965809		DE
ILICA LLC		06-1067464		СТ
ReliaStar Life Insurance Company	Insurer	41-0451140	67105	MN
Pomona Capital VII, L.P.				DE
Parent/Subsidiary listing is not repeated				
Pomona Voya (US) Holdings Co-Investment II, L.P.				DE
Pomona Voya (US) Holdings IV, L.P. Pomona Voya (US) Holdings V L.P.				DE DE
Pomona Voya (US) Holdings V-A, L.P.				DE
ReliaStar Life Insurance Company of New York	Insurer	53-0242530	61360	NY
Roaring River, LLC	Insurer	26-3355951	13583	MO
The Voya Proprietary Alpha Fund, LLC		20-8811107		DE
RiverRoch LLC				DE
Oconee Real Estate Holdings LLC Voya Financial Advisors, Inc.		85-1578755		DE MN
Voya Institutional Trust Company		41-0945505 46-5416028		CT
Voya Insurance Solutions, Inc.		06-1465377		CT
Voya International Nominee Holdings, Inc.		06-0952776		CT
Voya Investment Management LLC		58-2361003		DE
Voya Capital, LLC		86-1020892		DE
Voya Funds Services, LLC		86-1020893		DE
Voya Investments Distributor, LLC Voya Investments, LLC		03-0485744		DE AZ
Voya Investments, LLC  Voya Investment Management Alternative Assets LLC		03-0402099 13-4038444		DE
ING Pomona Private Equity Management (Luxembourg) S.A.		13-4030444		LUX
Pomona Capital Secondary Co-Investment, L.P.				DE
Voya Alternative Asset Management Ireland Limited				IRL
Voya Alternative Asset Management LLC		13-3863170		DE
The Voya Proprietary Alpha Fund, LLC		20-8811107		DE
Voya Multi-Strategy Opportunity Fund LLC  Voya CML GP LLC				DE DE
Voya TALF GP LLC				DE
Voya TALF Opportunity Fund LP				DE
Voya Furman Selz Investments III LLC		13-4127836		DE
Voya Pomona Holdings LLC		13-4152011		DE
Pomona G.P. Holdings LLC		13-4150600		DE
Opportunity Investor P Associates, L.P.  Opportunity Investor P, L.P.				DE DE
Opportunity Investor P, L.P.  Opportunity Investor P Secondary Associates, LLC				DE
Opportunity Investor P Associates, L.P.				DE
Parent/Subsidiary listing is not repeated				
Pomona Associates V, LP		13-4197230		DE
Pomona Associates VI, LP		20-1779011		DE
Pomona Associates VII, L.P.		26-1701070		DE
Pomona Capital VII, L.P. Parent/Subsidiary listing is not repeated				DE
Pomona Energy Partners, L.P.				DE
Pomona Associates VIII, L.P.		37-1698452		DE
Pomona Investors III, L.P.		13-4150966		DE
Pomona Investors IV, L.P.		59-3794146		DE
Pomona Investors V L.P.		26-1939518		DE
Pomona Primary Associates III LLC		13-4150602		DE
Pomona Holdings Associates III LLC Pomona Investors III, L.P.		13-4150970 13-4150966		DE DE
Pomona Primary Associates IV LLC		13-4150966 59-3794146		DE
Pomona Investors IV, L.P.		59-3794146		DE
Pomona Primary Associates V LLC		26-1939443		DE
Pomona Investors V L.P.		26-1939518		DE
Pomona Secondary Associates V LLC		13-4196882		DE
Pomona Associates V, LP		13-4197230		DE
Pomona Secondary Associates VI LLC		20-1779002		DE

# SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP PART 1 - ORGANIZATIONAL CHART

	Insurer/Non-			
Entity Name	insurer	FEIN	NAIC	State
Pomona Associates VI, LP		20-1779011		DE DE
Pomona Secondary Associates VII, L.P.		26-1668484 26-1701070		DE
Parent/Subsidiary listing is not repeated		26-1701070		DL
Pomona Secondary Associates VIII, LLC		46-0666750		DE
Pomona Associates VIII, L.P.		37-1698452		DE
Pomona Secondary Co-Investment Associates, LLC				DE
Pomona Secondary Co-Investment Associates, LP				DE
Pomona Capital Secondary Co-Investment, L.P.				DE
Pomona Secondary Co-Investment Associates, LP				DE
Parent/Subsidiary listing is not repeated				
Pomona Voya (US) Holdings Associates II LLC		36-4577583		DE
Pomona Voya (US) Holdings Associates II, L.P.		37-1513803		DE DE
Pomona Voya (US) Holdings Co- Investment Associates II, L.P.  Pomona Voya (US) Holdings Co-Investment II, L.P.				DE
Pomona Voya (US) Holdings Co-Investment Associates L.P.				DE
Pomona Voya (US) Holdings Associates II, L.P.		37-1513803		DE
Parent/Subsidiary listing is not repeated		07 1010000		
Pomona Voya (US) Holdings Associates III LLC		16-1771993		DE
Pomona Voya (US) Holdings Associates III LP				DE
Pomona Voya (US) Holdings Associates III LP				DE
Pomona Voya (US) Holdings Associates IV LLC		26-1705350		DE
Pomona Voya (US) Holdings Associates IV, L.P.		26-1705523		DE
Pomona Voya (US) Holdings IV, L.P.				DE
Parent/Subsidiary listing is not repeated				
Pomona Voya (US) Holdings Associates IV, L.P.		26-1705523		DE
Parent/Subsidiary listing is not repeated				
Pomona Voya (US) Holdings Associates LLC		20-0554145		DE
Pomona Voya (US) Holdings Associates, L.P.		20-0585365		DE
Pomona Voya (US) Holdings Associates V, L.P.				DE
Pomona Voya (US) Holdings V L.P.				DE DE
Pomona Voya (US) Holdings V-A, L.P. Pomona Voya (US) Holdings Associates V, LLC				DE
Pomona Voya (US) Holdings Associates V, L.P.				DE
Parent/Subsidiary listing is not repeated				DL
Pomona Voya (US) Holdings Associates, L.P.		20-0585365		DE
Pomona Voya (US) Holdings Co- Investment Associates II, L.P.		20 0000000		DE
Parent/Subsidiary listing is not repeated				
Pomona Voya (US) Holdings Co-Investment Associates L.P.				DE
Pomona Voya Asia Pacific Associates, L.P.				DE
Voya Pomona Asia Pacific G.P. Limited				CYM
Voya Pomona Asia Pacific Private Equity Co-Invest I L.P.				DE
Pomona Voya Asia Pacific Associates, LLC				DE
Pomona Voya Asia Pacific Associates, L.P.				DE
Parent/Subsidiary listing is not repeated				
Pomona Management LLC		13-4149700		DE
Pomona Capital Asia Limited				HKG
Pomona Europe, Ltd.				GBR
Pomona Europe Advisers Limited		40 400000		GBR
Voya Realty Group LLC  Voya Investment Management Co. LLC		13-4003969		DE DE
Voya Investment Management (UK) Limited		06-0888148		GBR
Voya Investment Trust Co.		06-1440627		CT
Voya Investment Management Services (UK) Limited		00-1440027		GBR
Voya Retirement Insurance and Annuity Company	Insurer	71-0294708	86509	CT
RiverRoch LLC			00000	DE
Oconee Real Estate Holdings LLC		85-1578755		DE
Pomona Capital VII, L.P.				DE
Parent/Subsidiary listing is not repeated				
Pomona Voya (US) Holdings Co-Investment II, L.P.				DE
Pomona Voya (US) Holdings IV, L.P.				DE
Pomona Voya (US) Holdings V L.P.				DE
Pomona Voya (US) Holdings V-A, L.P.				DE
Voya Financial Partners, LLC		06-1375177		DE
Voya Pomona Asia Pacific Private Equity Co-Invest I L.P.				DE
Voya Institutional Plan Services, LLC		04-3516284		DE
Voya Retirement Advisors, LLC		22-1862786		NJ
Voya Payroll Management, Inc.		52-2197204		DE
Voya Services Company VFI SLK Global Services Private Limited		52-1317217		DE
Voja Special Investments, Inc.				IND DE
-year-grane				

# SCHEDULE Y

				PA	<b>KI 1</b>	4 - DE I AI	L OF INSURANCE	J⊏ I	JOLD	ING COMPANT	<b>SISIEI</b> VI				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Type	If			
											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)	(Y/N)	*
	VOYA FINANCIAL	0000	Hambon	ROOD	Oiix	international)	TIPS OF FLORIDA, LLC	FL	NIA	Vova Financial. Inc.	Ownership	100.000	Vova Financial. Inc.	N	
	VOYA FINANCIAL		06-1067464				ILICA LLC	CT	NIA	Voya Holdings Inc.	Ownership.	100.000	Vova Financial. Inc.	N	
							ING Pomona Private Equity Management			Voya Investment Management Alternative					
4832	VOYA FINANCIAL						(Luxembourg) S.A.	LUX	NI A	Assets LLC	Ownership	100.000	. Voya Financial, Inc	N	
4832	VOYA FINANCIAL	66109	35-0838945				Midwestern United Life Insurance Company	IN	IA	Security Life of Denver Insurance Company .	Owner ship	100.000	Voya Financial, Inc	N	
										Voya Retirement Insurance and Annuity					
4832	VOYA FINANCIAL		85-1578755				Oconee Real Estate Holdings LLC	DE	NIA	Company	Owner ship	30.400	Voya Financial, Inc.	N	
	VOYA FINANCIAL		85-1578755				Oconee Real Estate Holdings LLC	DE	NIA	Security Life of Denver Insurance Company .	Ownership	8.600	Voya Financial, Inc.		
	VOYA FINANCIAL		85-1578755				Oconee Real Estate Holdings LLC	DE	NIA	ReliaStar Life Insurance Company	Owner ship	19.000	. Voya Financial, Inc.		
4832	/OYA FINANCIAL		85-1578755				Oconee Real Estate Holdings LLC	DE	NIA	Third Party Shareholders	Ownership	42.000	. Voya Financial, Inc	N	
4000	/OVA FINANCIAL				I		Oppositive Investor D. Accordates 1, D.	DE	NII A	Opportunity Investor P Secondary	Management	0.000	Veve Financial In-	N	
4832	VOYA FINANCIALVOYA FINANCIAL						Opportunity Investor P Associates, L.P.	DE	NIA NIA	Associates, LLC	Management Management	0.000 0.000	.Voya Financial, Inc	NN.	
4032	VOTA FINANCIAL						Opportunity Investor P Associates, L.P Opportunity Investor P Secondary Associates,	ut	NI A	rumuna u.r. notuings LLC	management	V.000	. voya Financiai, INC	N	
4832	/OYA FINANCIAL				1		LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership.	100.000	Vova Financial. Inc.	N	
	VOYA FINANCIAL						Opportunity Investor P. L.P.	DE	NIA	Opportunity Investor P Associates, L.P.	Management	0.000	Vova Financial, Inc.		
	VOYA FINANCIAL		94-2695108				Pen-Cal Administrators. Inc.	CA	NIA	Vova Financial. Inc.	Ownership.	100.000	Voya Financial, Inc.		
	VOYA FINANCIAL		13-4197230				Pomona Associates V. LP	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.		
	VOYA FINANCIAL		13-4197230				Pomona Associates V, LP	DE	NIA	Pomona Secondary Associates V LLC	Management	0.000	Voya Financial, Inc.		]
	VOYA FINANCIAL		20-1779011				Pomona Associates VI, LP	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.		
4832	VOYA FINANCIAL		20-1779011				Pomona Associates VI, LP	DE	NI A	Pomona Secondary Associates VI LLC	Management	0.000	Voya Financial, Inc.	N	
	VOYA FINANCIAL		26-1701070				Pomona Associates VII, L.P.	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc	N	
	/OYA FINANCIAL		26-1701070				Pomona Associates VII, L.P.	DE	NIA	Pomona Secondary Associates VII LLC	Management	0.000	Voya Financial, Inc		
	VOYA FINANCIAL		37-1698452				Pomona Associates VIII, L.P.	DE	NIA	Pomona G.P. Holdings LLC	Management	39.000	. Voya Financial, Inc		
	VOYA FINANCIAL		. 37-1698452				Pomona Associates VIII, L.P.	DE	NIA	Pomona Secondary Associates VIII, LLC	Management	1.000	Voya Financial, Inc.	N	
	VOYA FINANCIAL		37-1698452				Pomona Associates VIII, L.P.	DE	NIA	Third Party Shareholders	Owner ship	60.000	. Voya Financial, Inc.		
4832	/OYA FINANCIAL						Pomona Capital Asia Limited	HKG	NIA	Pomona Management LLC	Ownership	100.000	Voya Financial, Inc	N	
4000	VOYA FINANCIAL						Pomona Capital Secondary Co-Investment, L.P.	DE	NIA	Pomona Secondary Co-Investment Associates,	Ownership	1.000	.Voya Financial, Inc	N	
4832	VUYA FINANCIAL						Pomona Capital Secondary Co-Investment, L.P.	UE	NIA	LP	Owner snip	1.000	. voya Financiai, inc	N	
4832	/OYA FINANCIAL						Politicia Capital Secondary Co-Investment, L.F.	DE	NIA	Third Party Shareholders	Ownership.	79.930	Vova Financial. Inc.	N	
	VOTA I INANOTAL						Pomona Capital Secondary Co-Investment, L.P.	UL	NIA	Voya Investment Management Alternative	Owner sirrp		. voya i ilialiciai, ilic		
4832	VOYA FINANCIAL						Tomoria daprear dodoridary do investmente, E.i.	DE	NIA	Assets LLC	Ownership	19.070	Vova Financial. Inc.	N	
	TOTAL THROUGH									Voya Retirement Insurance and Annuity	omici dirip.		. roya i manorar, mo.		
	VOYA FINANCIAL						Pomona Capital VII, L.P.	DE	NIA	Company	Management	0.000	Voya Financial, Inc.		
4832	/OYA FINANCIAL						Pomona Capital VII, L.P.	DE	NIA	Pomona Associates VII, L.P.	Management	0.000	Voya Financial, Inc.	N	
	/OYA FINANCIAL						Pomona Capital VII, L.P.	DE	NIA	ReliaStar Life Insurance Company	Management	0.000	Voya Financial, Inc	N	
	/OYA FINANCIAL						Pomona Capital VII, L.P.	DE	NIA	Security Life of Denver Insurance Company .	Management	0.000	Voya Financial, Inc.		
	VOYA FINANCIAL						Pomona Energy Partners US, L.P.	DE	NIA	Pomona Capital VII, L.P.	Management	0.000	Voya Financial, Inc		
	VOYA FINANCIAL						Pomona Engery Partners, L.P.	DE	NIA	Pomona Associates VII, L.P.	Management	0.000	Voya Financial, Inc.	N	
	VOYA FINANCIAL						Pomona Europe Advisers Limited	GBR	NIA	Pomona Europe, Ltd.	Management	0.000	Voya Financial, Inc.		
	VOYA FINANCIAL		13-4150600				Pomona Europe, Ltd.	GBR DE	NIA	Pomona Management LLC	Ownership	100.000	Voya Financial, Inc.		
	VOYA FINANCIALVOYA FINANCIAL		. 13-4150600 . 13-4150970				Pomona G.P. Holdings LLC	DE	NIA	Voya Pomona Holdings LLC	Management Ownership	0.000	Voya Financial, Inc.	N N	·····
	VOYA FINANCIALVOYA FINANCIAL		13-41509/0				Pomona Holdings Associates III LLCPomona Investors III. L.P.	DE	NIA NIA	Pomona Primary Associates III LLC Pomona G.P. Holdings LLC	Ownership Management	0.000	Voya Financial, Inc.	NNNNNN	·····
	/OYA FINANCIAL/OYA FINANCIAL		13-4150966				Pomona Investors III, L.P.	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.		
	VOYA FINANCIAL		59-3794146				Pomona Investors IV, L.P.	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.	NN.	
	VOYA FINANCIAL		59-3794146				Pomona Investors IV. L.P.	DE	NIA	Pomona Primary Associates IV LLC	Management	0.000	Vova Financial, Inc.	N	1
	VOYA FINANCIAL		26-1939518				Pomona Investors V L.P.	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.		
4832	VOYA FINANCIAL		26-1939518				Pomona Investors V L.P.	DE	NIA	Pomona Primary Associates V LLC	Management	0.000	Voya Financial, Inc.		1
4832	/OYA FINANCIAL		13-4149700				Pomona Management LLC	DE	NIA	Voya Pomona Holdings LLC	Ownership.	100.000	Voya Financial, Inc.	N	
	/OYA FINANCIAL		13-4150602				Pomona Primary Associates III LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	. Voya Financial, Inc	N	
	/OYA FINANCIAL		59-3794146				Pomona Primary Associates IV LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	Voya Financial, Inc.		
4832	VOYA FINANCIAL		26-1939443				Pomona Primary Associates V LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	. Voya Financial, Inc	N	1

# SCHEDULE Y

1	2	3	4	5	6	7	0	۱ ۵	10	11	12	13	14	15	16
'	2	3	4	5	0	/	0	9	10	''		lf	14	15	10
											Туре				1
											of Control	Control			1
											(Ownership,	is		Is an	1
						Name of Securities			Relation-		Board,	Owner-		SCA	1
						Exchange		Domi-	ship		Management,	ship		Filina	1
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	1 1
Group		Company	ID	Federal		(U.S. or	Parent. Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence.	Percen-	Ultimate Controlling	quired?	ı
	O No				0114										
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	
4832	VOYA FINANCIAL		13-4196882				Pomona Secondary Associates V LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership.	100.000	Voya Financial, Inc.	N	[]
4832	VOYA FINANCIAL		20-1779002				Pomona Secondary Associates VI LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	Voya Financial, Inc.	N	[
4832	VOYA FINANCIAL		26-1668484				Pomona Secondary Associates VII LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	Voya Financial, Inc.	N	[
.4832	VOYA FINANCIAL		46-0666750				Pomona Secondary Associates VIII, LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	Voya Financial, Inc.	N	·····
							Pomona Secondary Co-Investment Associates,								1 1
.4832	VOYA FINANCIAL						LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	Voya Financial, Inc	N	·
							Pomona Secondary Co-Investment Associates, LF	1		Pomona Secondary Co-Investment Associates,					1 1
.4832	VOYA FINANCIAL							DE	NI A	LLC	Management	1.000	Voya Financial, Inc	N	1
							Pomona Secondary Co-Investment Associates, LF	1							1 1
.4832	VOYA FINANCIAL						,	DE	NI A	Pomona G.P. Holdings LLC	Management	49.000	Voya Financial, Inc.	N	I J
4832	VOYA FINANCIAL		36-4577583				Pomona Voya (US) Holdings Associates II LLC .	DE	NIA	Pomona G.P. Holdings LLC	Owner ship.	100.000	Voya Financial, Inc.	N	1
							Pomona Vova (US) Holdings Associates II. L.P.								
.4832	VOYA FINANCIAL		37-1513803					DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.	N.	1 1
	VOIA I INANOTAL		07 1010000				Pomona Voya (US) Holdings Associates II, L.P.			Pomona Voya (US) Holdings Associates II LLC	mariagonicit		Voya i ilianotai, ilio.		
.4832	VOYA FINANCIAL		37-1513803				Tollotta voya (00) Horuttigs Associates 11, E.I.	DE	NIA	I oliona voya (65) noruniga Associates ii EEC	Management	0.000	Vova Financial. Inc.	N	1 1
.4002	VUTA FINANCIAL		37-1313003				Pomona Voya (US) Holdings Associates III LLC	VE	NIA		mariagement	0.000	voya Financiai, inc	N	
4000	VOVA FINANCIAL		16-1771993				Pomona voya (US) Holdings Associates III LLC	DE		0 0 11 11: 110	0 1:	400 000	v 5: : 1 1	N	1 1
.4832	VOYA FINANCIAL		16-1//1993					DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	Voya Financial, Inc.		1
.4832	VOYA FINANCIAL						Pomona Voya (US) Holdings Associates III LP .	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.	N	
										Pomona Voya (US) Holdings Associates III					ı
.4832	VOYA FINANCIAL						Pomona Voya (US) Holdings Associates III LP .	DE	NIA	LLC	Management	0.000	Voya Financial, Inc.		·
.4832	VOYA FINANCIAL		26-1705350				Pomona Voya (US) Holdings Associates IV LLC .	DE	NI A	Pomona G.P. Holdings LLC	Owner ship	100.000	Voya Financial, Inc	N	·····
							Pomona Voya (US) Holdings Associates IV, L.P.								ı
.4832	VOYA FINANCIAL		26-1705523					DE	NI A	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc	N	1
							Pomona Voya (US) Holdings Associates IV, L.P.			Pomona Voya (US) Holdings Associates IV LLO	,		•		ı
.4832	VOYA FINANCIAL		26-1705523					DE	NI A		Management	0.000	Voya Financial, Inc.	N	1
4832	VOYA FINANCIAL		20-0554145				Pomona Voya (US) Holdings Associates LLC	DE	NIA	Pomona G.P. Holdings LLC	Ownership	100.000	Voya Financial, Inc.	N.	1
							Pomona Voya (US) Holdings Associates V, L.P.			,			, , , , , , , , , , , , , , , , , , , ,		1
4832	VOYA FINANCIAL							DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Vova Financial, Inc.	N	1 1
							Pomona Vova (US) Holdings Associates V. L.P.			Pomona Vova (US) Holdings Associates V. LLC					
4832	VOYA FINANCIAL						Tollona Toya (60) Horarigo Accountates T, E.I.	DE	NIA	Tomona roya (60) noranigo hobboratos r, EE	Management	0.000	Vova Financial, Inc.	N	1 1
.4832	VOYA FINANCIAL						Pomona Voya (US) Holdings Associates V, LLC .	DE	NIA	Pomona G.P. Holdings LLC	Ownership.	100.000	Voya Financial, Inc.	N	
.4832	VOYA FINANCIAL		20-0585365				Pomona Voya (US) Holdings Associates, L.P	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.	N	
.4832	VOYA FINANCIAL		20-0585365				Pomona Voya (US) Holdings Associates, L.P	DE	NIA	Pomona Voya (US) Holdings Associates LLC	Management	0.000	Voya Financial, Inc.	N	
4032	VOTA FINANCIAL		20-000000				Pomona Voya (US) Holdings Co - Investment	VE	NIA	Pomona Voya (US) Holdings Associates II LLC	Mariagement	0.000	voya Financiai, inc	N	
4000	VOVA FINANCIAL							DE	ALL A	Pomona voya (05) Hordings Associates II LLC	1,,	4 000	V Fii-l l	N	1 1
.4832	VOYA FINANCIAL						Associates L.P.	UE	NIA		Management	1.000	Voya Financial, Inc	N	
4000	WOVA FININGLA				1		Pomona Voya (US) Holdings Co - Investment	DE		TI: 10 4 01 111	l., .	50.000	V E:	1	
.4832	VOYA FINANCIAL						Associates L.P.	DE	NIA	Third Party Shareholders	Management	50.000	Voya Financial, Inc	N	
							Pomona Voya (US) Holdings Co - Investment								ı
4832	VOYA FINANCIAL						Associates L.P.	DE	NIA	Pomona G.P. Holdings LLC	Management	49.000	Voya Financial, Inc.	N	
							Pomona Voya (US) Holdings Co- Investment								ı
.4832	VOYA FINANCIAL						Associates II, L.P.	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc	N	·
							Pomona Voya (US) Holdings Co- Investment			Pomona Voya (US) Holdings Associates II,					ı
.4832	VOYA FINANCIAL						Associates II, L.P.	DE	NI A	L.P.	Management.	0.000	Voya Financial, Inc.	N	1
							Pomona Voya (US) Holdings Co-Investment II,			Voya Retirement Insurance and Annuity					1 1
.4832	VOYA FINANCIAL		l				L.P.	DE	NIA	Company	Ownership.	21.980	Voya Financial, Inc.	N	I J
							Pomona Voya (US) Holdings Co-Investment II,			Pomona Voya (US) Holdings Co- Investment			,,		
4832	VOYA FINANCIAL				1		L.P.	DE	NIA	Associates II, L.P.	Ownership	0.100	Voya Financial, Inc.	N	
							Pomona Voya (US) Holdings Co-Investment II,				oo		,		
4832	VOYA FINANCIAL				1		L.P.	DE	NIA	ReliaStar Life Insurance Company	Ownership.	17.980	Voya Financial, Inc.	N.	
2007	FOIR / INDIVIAL						Pomona Voya (US) Holdings Co-Investment II,	UL		morrastar Erro mourance company	omior simp		1 10 ya 1 111anota1 , 1116		
4832	VOYA FINANCIAL				1		Pomona voya (US) Holdings Co-Investment II,	DE	NIA	Congrity Life of Denver Incurence Commence	Ownership	33.970	Vova Financial. Inc.	N	
.4002	VOIR FINANCIAL						L.F	VE	A I I/J	Security Life of Denver Insurance Company .	owner strip		voya rinanciai, inc.	N	
4000	VOVA FINANCIAL				1		D V (10) H.14: 17 1.5	D-	NI A	Voya Retirement Insurance and Annuity	lu	0.000	Vana Financial In		, ,
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings IV, L.P.	DE	NIA	Company	Management	0.000	Voya Financial, Inc.	N	

# SCHEDULE Y

				FA		A - DE I AI	L OF INSURANCE	, <b>–</b>	IOLD	HING COMPAIN I	SISIEIVI				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	_	· ·			Ů					• •	Type	If			
											of Control	Control			
											(Ownership,			lo on	
									5			is		Is 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)	(Y/N)	*
0000	0.00p . tao				0	torridaeriai)	317 IIIII 1803			Pomona Vova (US) Holdings Associates IV.	0	lago		(.,,,	$\overline{}$
4832	VOYA FINANCIAL						Pomona Vova (US) Holdings IV. L.P.	DE	NIA	L.P.	Management	0.000	Vova Financial, Inc.	N	
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings IV, L.P.	DE	NIA	ReliaStar Life Insurance Company	Management	0.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings IV, L.P.	DE	NIA	Security Life of Denver Insurance Company .	Management	0.000	Vova Financial, Inc.	N	
4002	VOIA I INNINCIAL						I dilona voya (03) nordings iv, L.i.	UL		Vova Retirement Insurance and Annuity	management	0.000	Voya i manciai, mc		
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings V L.P.	DE	NIA	Company	Ownership.	33.300	. Voya Financial, Inc.	N	
4032	VUTA FINANCIAL						Pomona voya (US) nordings v L.P.	VE	NIA	Pomona Voya (US) Holdings Associates V,	owner strip		. voya Financiai, inc	IN	
4000	VOYA FINANCIAL						D	DE	ALL A	I P	Owner ship	0.100	Vova Financial. Inc.	N	
4832							Pomona Voya (US) Holdings V L.P.		NIA					NN	
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings V L.P.	DE	NIA	ReliaStar Life Insurance Company	Owner ship	26.640	Voya Financial, Inc.		
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings V L.P.	DE	NIA	Security Life of Denver Insurance Company .	Ownership	22.640	. Voya Financial, Inc	N	
										Voya Retirement Insurance and Annuity					
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings V-A, L.P	DE	NIA	Company	Ownership	32.690	. Voya Financial, Inc	N	
										Pomona Voya (US) Holdings Associates V,					
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings V-A, L.P.	DE	NIA	L.P	Ownership	0.100	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL						Pomona Voya (US) Holdings V-A, L.P	DE	NI A	ReliaStar Life Insurance Company	Owner ship	27.250	. Voya Financial, Inc	N	
	VOYA FINANCIAL						Pomona Voya (US) Holdings V-A, L.P	DE	NIA	Security Life of Denver Insurance Company .	Ownership	21.800	. Voya Financial, Inc	N	
4832	VOYA FINANCIAL						Pomona Voya Asia Pacific Associates, L.P	DE	NIA	Pomona G.P. Holdings LLC	Management	0.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL						Pomona Voya Asia Pacific Associates, L.P	DE	NIA	Pomona Voya Asia Pacific Associates, LLC	Management	0.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL						Pomona Voya Asia Pacific Associates, LLC	DE	NIA	Pomona G.P. Holdings LLC	Owner ship.	100.000	Vova Financial, Inc.	N	
4832	VOYA FINANCIAL		27-2987157				Rancho Mountain Properties, Inc.	DE	NIA	Voya II Custom Investments LLC	Ownership.	100,000	Voya Financial, Inc.	N	1
4832	VOYA FINANCIAL	67105	41-0451140		0001108874	NYSE	ReliaStar Life Insurance Company	MN	IA	Vova Holdings Inc.	Ownership	100.000	Vova Financial. Inc.	N	1
	TOTAL THURSTALL		. 11 0101110		0001100011	Wide .	ReliaStar Life Insurance Company of New York			Toya noranigo mo.	omor on p.		Toya i manorar, mo.		1
4832	VOYA FINANCIAL	61360	53-0242530		0001163710	NYSE	The Hadran Erre mountainee company of heir fork	NY	IA	ReliaStar Life Insurance Company	Ownership	100.000	Vova Financial, Inc.	N	
4002	VOIA I INNINOTAL	01000	. 30-0242330		0001103710	NIOL			In	Vova Retirement Insurance and Annuity	owner simp	100.000	. Voya i illaliciai, ilic		
4832	VOYA FINANCIAL						RiverRoch LLC	DE	NIA	Company	Ownership.	53.700	. Voya Financial, Inc.	N	
4832	VOYA FINANCIAL						RiverRoch LLC	DE	NIA	ReliaStar Life Insurance Company	Owner strip	10.800	Vova Financial, Inc.		
4832	VOYA FINANCIAL						RiverRoch LLC	DE	NIA	Security Life of Denver Insurance Company .	Owner ship.	10.800	. Voya Financial, Inc	N	
4832	VOYA FINANCIAL						RiverRoch LLC	DE	NIA	Third Party Shareholders	Ownership	24.700	. Voya Financial, Inc.	N	
4832	VOYA FINANCIAL		85-0526803				RL Payroll Management Company, LLC	DE	NIA	SLD Service Company, LLC	Ownership	100.000	. Voya Financial, Inc	N	
										Security Life of Denver International					
4832	VOYA FINANCIAL	14007	27-2278894				Roaring River II, Inc.	AZ	IA	Limited	Ownership	100.000	. Voya Financial, Inc	N	
4832	VOYA FINANCIAL		46-3607309				Roaring River IV Holding, LLC	DE	NIA	Security Life of Denver Insurance Company .	Ownership	100.000	. Voya Financial, Inc.	N	
4832	VOYA FINANCIAL	15365	80-0955075				Roaring River IV, LLC	MO	IA	Roaring River IV Holding, LLC	Ownership	100.000	. Voya Financial, Inc		
4832	VOYA FINANCIAL	13583	26-3355951				Roaring River, LLC	MO	IA	ReliaStar Life Insurance Company	Owner ship	100.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL		84-1437826				Security Life Assignment Corporation	CO	NIA	Voya Financial, Inc	Owner ship	100.000	. Voya Financial, Inc	N	
4832	VOYA FINANCIAL	68713	84-1437826 84-0499703	.	0000848338	NYSE	Security Life of Denver Insurance Company	CO	IA	Voya Financial, Inc.	Owner ship	100.000	Voya Financial, Inc.	N	.1
							Security Life of Denver International Limited								1 1
4832	VOYA FINANCIAL	15321	98-0138339	.				AZ	IA	Voya Financial, Inc.	Ownership	100.000	Voya Financial, Inc	N	
4832	VOYA FINANCIAL		84-4774506	I			SLD Service Company, LLC	DE	NIA	Voya Financial, Inc.	Ownership.	100.000	Voya Financial, Inc.	N.	
4832	VOYA FINANCIAL		27-1108872				SLDI Georgia Holdings, Inc.	GA	NIA	Roaring River II, Inc.	Ownership	100.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL		20-8811107				The Voya Proprietary Alpha Fund, LLC	DE	NIA	Voya Alternative Asset Management LLC	Owner ship.	1.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL		20-8811107				The Voya Proprietary Alpha Fund, LLC	DE	NIA	ReliaStar Life Insurance Company	Owner ship	30.200	Vova Financial, Inc.	N	1
4832	VOYA FINANCIAL		20-8811107				The Voya Proprietary Alpha Fund, LLC	DE	NIA	Security Life of Denver Insurance Company	Owner ship.	36.600	Vova Financial, Inc.	N	1
4832	VOYA FINANCIAL						VFI SLK Global Services Private Limited	IND	NIA	Vova Financial. Inc.	Owner ship.	49.000	Voya Financial, Inc.	N	1
4832	VOYA FINANCIAL						VFI SLK Global Services Private Limited	IND	NIA	Third Party Shareholders	Owner ship.	51.000	Voya Financial, Inc.	N	1
4002	VOIA I INANUIAL						Voya Alternative Asset Management Ireland		NIA	Vova Investment Management Alternative	Owner Sill P	51.000	. VOya i mancial, mc	IN	
4832	VOVA EINANCIAI						Limited	IRL	NIA	Assets LLC	Ownership	100.000	Voya Financial, Inc.	N	1 1
4032	VOYA FINANCIAL						Limited	InL			Owner ship	100.000	. voya rinanciai, inc.	N	1
4000	VOVA EINIMOLII		10 0000170		1		W 414 41 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DF		Voya Investment Management Alternative		400.000	lv	.,	1 1
4832	VOYA FINANCIAL		13-3863170				Voya Alternative Asset Management LLC	DE	NIA	Assets LLC	Owner ship.	100.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL		84-1251388		0000921271	NYSE	Voya America Equities, Inc.	CO	NIA	Security Life of Denver Insurance Company .	Ownership	100.000	. Voya Financial, Inc	Y	4
4832	VOYA FINANCIAL		83-0965809				Voya Benefits Company, LLC	DE	NIA	Voya Holdings Inc.	Ownership	100.000	. Voya Financial, Inc	N	4
4832	VOYA FINANCIAL		86-1020892		0000882860	NYSE	Voya Capital, LLC	DE	NIA	Voya Investment Management LLC	Owner ship	100.000	. Voya Financial, Inc	N	4
	VOYA FINANCIAL						Voya CML GP LLC	DE	NIA	Voya Alternative Asset Management LLC	Owner ship	100.000	Voya Financial, Inc.	N	4
4832	VOYA FINANCIAL	l	27-2278894	.	l		Voya Custom Investments LLC	DE	NIA	Roaring River II, Inc.	Ownership.	100.000	Vova Financial, Inc.	N	.]

# **SCHEDULE Y**

			,												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Type	lf			
											of Control	Control			
														lo on	
											(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?	
	O No				0114										
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	-
4832	VOYA FINANCIAL		41-0945505		0000073520	NYSE	Voya Financial Advisors, Inc.	MN	NIA	Voya Holdings Inc.	Ownership	100.000	Voya Financial, Inc	N	
										Voya Retirement Insurance and Annuity					
4832	VOYA FINANCIAL		06-1375177		0000912650	NYSE	Voya Financial Partners, LLC	DE	DS	Company	Ownership	100.000	Voya Financial, Inc	N	
4832	VOYA FINANCIAL		26-1956344				Voya Financial Products Company, Inc	DE	NIA	Vova Financial, Inc.	Ownership.	100.000	Vova Financial. Inc.	N	
4832	VOYA FINANCIAL		52-1222820			NYSE	Voya Financial, Inc.	DE	UIP	Third Party Shareholders	Ownership	100.000	Vova Financial, Inc.	N	
4832	VOYA FINANCIAL		86-1020893		0001266464	NYSE	Vova Funds Services, LLC	DE	NIA	Voya Capital, LLC	Ownership.	100.000	Vova Financial, Inc.	N	
002	TOTAL THURSDAY		00 1020000		0001200101	11102	Toya Tanas Con Troco, ELO			Voya Investment Management Alternative	omior dirip.		Toya i manorar, mo.		
4832	VOYA FINANCIAL		13-4127836		1		Voya Furman Selz Investments III LLC	DE	NIA	Assets LLC	Management	0.000	Vova Financial. Inc.	N	
4832	VOYA FINANCIAL		02-0488491				Voya Furman Serz Investments III LLC		UDP	Vova Financial. Inc.	Nanagement	100.000	Voya Financial, Inc.	NN.	
								CT			- · · · · · · · · · · · · · · · · · · ·				
4832	VOYA FINANCIAL		. 27-1108872				Voya II Custom Investments LLC	DE	NIA	SLDI Georgia Holdings, Inc.	Ownership	100.000	Voya Financial, Inc	N	
					1					Voya Retirement Insurance and Annuity					
4832	VOYA FINANCIAL		04-3516284				Voya Institutional Plan Services, LLC	DE	DS	Company	Ownership	100.000	Voya Financial, Inc	N	
4832	VOYA FINANCIAL		46-5416028				Voya Institutional Trust Company	CT	NIA	Voya Holdings Inc.	Ownership	100.000	Voya Financial, Inc	N	
4832	VOYA FINANCIAL		06-1465377				Voya Insurance Solutions, Inc.	CT	NI A	Voya Holdings Inc.	Ownership.	100.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL		06-0952776				Voya International Nominee Holdings, Inc	CT	NIA	Vova Holdings Inc.	Ownership	100.000	Vova Financial, Inc.	N	
4832	VOYA FINANCIAL						Voya Investment Management (UK) Limited	GBR	NIA	Vova Investment Management Co. LLC	Ownership	100.000	Vova Financial, Inc.	N	
002							Voya Investment Management Alternative Assets			Toya Tittootiilotti illanagoillotti oot 220					
4832	VOYA FINANCIAL		13-4038444				LLC	DE	NIA	Voya Investment Management LLC	Ownership	100.000	Vova Financial, Inc.	N	
	VOYA FINANCIAL				00000000070	NYSE	Vova Investment Management Co. LLC	DE	NIA				Vova Financial, Inc.	NN.	
4832			. 06-0888148		0000033670					Voya Investment Management LLC	Ownership	100.000			
4832	VOYA FINANCIAL		58-2361003		0010542667	NYSE	Voya Investment Management LLC	DE	NIA	Voya Holdings Inc.	Ownership	100.000	Voya Financial, Inc.	N	
							Voya Investment Management Services (UK)								
4832	VOYA FINANCIAL						Limited	GBR	NIA	Voya Investment Management Co. LLC	Owner ship	100.000	Voya Financial, Inc	N	
4832	VOYA FINANCIAL		06-1440627				Voya Investment Trust Co	CT	NIA	Voya Investment Management Co. LLC	Ownership	100.000	Voya Financial, Inc	N	
4832	VOYA FINANCIAL		03-0485744		0000936854	NYSE	Voya Investments Distributor, LLC	DE	NIA	Voya Funds Services, LLC	Ownership.	100.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL		03-0402099				Voya Investments, LLC	AZ	NI A	Voya Funds Services, LLC	Ownership.	100.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL						Voya Multi-Strategy Opportunity Fund LLC	DE	NIA	Voya Alternative Asset Management LLC	Owner ship.	100.000	Vova Financial, Inc.	N	
4832	VOYA FINANCIAL		52-2197204				Vova Pavroll Management, Inc.	DE	NIA	Vova Financial, Inc.	Ownership.	100.000	Vova Financial, Inc.	N	
4832	VOYA FINANCIAL		02 2 10 120 1 111				Vova Pomona Asia Pacific G.P. Limited	CYM	NIA	Pomona Vova Asia Pacific Associates, L.P.	Ownership	100.000	Vova Financial, Inc.	N	
002	TOTAL THURSONE						Vova Pomona Asia Pacific Private Equity Co-			Vova Retirement Insurance and Annuity	owner drifp.		Yoya i manorar, mo.		
4832	VOYA FINANCIAL						Invest I L.P.	DE	NIA		Management	0.000	Vova Financial, Inc.	N	
4002	VOIA I INANOTAL						Vova Pomona Asia Pacific Private Equity Co-	VE	NIA	Company	manayonent		. voya i indiiciai, inc	N	
4000	VOVA FININGIA	1			1	I		DE			l., .	0.000	lv	N	
4832	VOYA FINANCIAL						Invest I L.P.	VE	NIA	Security Life of Denver Insurance Company .	Management	0.000	Voya Financial, Inc.	N	
					1		Voya Pomona Asia Pacific Private Equity Co-								
4832	VOYA FINANCIAL						Invest I L.P.	DE	NIA	Voya Pomona Asia Pacific G.P. Limited	Management	0.000	Voya Financial, Inc.	N	
					1					Voya Investment Management Alternative					
4832	VOYA FINANCIAL	l	13-4152011				Voya Pomona Holdings LLC	DE	NIA	Assets LLC	Management	100.000	Voya Financial, Inc.	N	
		1			1		, ,			Voya Investment Management Alternative	I -				
4832	VOYA FINANCIAL		13-4003969		1		Voya Realty Group LLC	DE	NIA	Assets LLC	Ownership	100.000	Vova Financial. Inc.	N	
	TOTAL THINITOTAL		5000000				Toya nouncy droup LLO			Voya Retirement Insurance and Annuity	omior on p.		10,4 1 114110141, 1110		
4832	VOYA FINANCIAL	1	22-1862786		0000028601	NYSE	Vova Retirement Advisors, LLC	NJ	DS.	Company	Ownership.	100.000	Vova Financial. Inc.	N	
4032	YOTA FINANCIAL				VUUUU20001	NIOE		IVJ		Ouiipany	Omiret 2111h		ייטיא דווומווטומו, וווט	IN	
4000	Vevi Similari	00500	74 0004707			10/05	Voya Retirement Insurance and Annuity Company		25		l	400.00-	l.,		
4832	VOYA FINANCIAL	86509	71-0294708		0000837010	NYSE		CT	RE	Voya Holdings Inc.	Owner ship	100.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL		52-1317217				Voya Services Company	DE	NIA	Voya Financial, Inc.	Ownership	100.000	Voya Financial, Inc.	N	
4832	VOYA FINANCIAL						Voya Special Investments, Inc.	DE	NIA	Voya Financial, Inc	Owner ship	100.000	Voya Financial, Inc	N	
4832	VOYA FINANCIAL						Voya TALF GP LLC	DE	NIA	Voya Alternative Asset Management LLC	Ownership	100.000	Voya Financial, Inc	N	
4832	VOYA FINANCIAL	I			1		Voya TALF Opportunity Fund LP	DE	NIA	Voya TALF GP LLC	Ownership	100.000	Voya Financial, Inc	N	<b> </b>
							,						1		
		1	1	1	1	I .			l		I		I .	1	

Asterisl	sk Explanation	

### SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

The following supplemental reports are required to be filed as part of your statement filing. However, in the event that your company does not transact the type of business for which the special report must be filed, your response of NO 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.

	-	Response
1.	Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	NO
2.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3.	Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
4.	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?	YES
5.	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?	NO
6.	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?	NO
7.	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?	NO
8.	Will the Life PBR Statement of Exemption be filed with the state of domicile by July 1st and electronically with the NAIC with the second quarterly filing per the Valuation Manual (by August 15)? (2nd Quarter Only) The response for 1st and 3rd quarters should be N/A. A NO response resulting with a bar code is only appropriate in the 2nd quarter.	NO
	Explanation:	
1.		
2.		
3.		
5.		
6.		
7.		
8.		
	Bar Code:	
1.	Trusteed Surplus Statement [Document Identifier 490]	
2.	Medicare Part D Coverage Supplement [Document Identifier 365]	0 0 0 2
3.	Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]	
5.	Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]	

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]

8. Life PBR Statement of Exemption (2nd Quarter Only) [Document Identifier 700]

6.

# **OVERFLOW PAGE FOR WRITE-INS**

Additional Write-ins for Liabilities Line 25

		1	2
		Current	December 31
		Statement Date	Prior Year
2504.	Unclaimed property	9,420,314	9,847,551
2505.	Miscellaneous liabilities	7,442,058	6,728,545
2506.	Suspense and clearing accounts	2,110,970	6,274,425
2507.	Liability of other post-employment benefits	(4,376,321)	(4,376,321)
2597.	Summary of remaining write-ins for Line 25 from overflow page	14,597,021	18,474,200

Additional Write-ins for Summary of Operations Line 27

	1	2	3
	Current Year	Prior Year	Prior Year Ended
	To Date	To Date	December 31
2704. Other contingency expense	0	19,000	19,000
2797. Summary of remaining write-ins for Line 27 from overflow page	0	19,000	19,000

Addition	Additional Write-ins for Summary of Operations Line 53						
		1	2	3			
		Current Year	Prior Year	Prior Year Ended			
		To Date	To Date	December 31			
5304.	Separate account valuation basis change	(16,020,407)	0	0			
5397.	Summary of remaining write-ins for Line 53 from overflow page	(16,020,407)	0	0			

# **SCHEDULE A - VERIFICATION**

Real Estate

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	60,047,648	62,260,433
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	0	0
	2.2 Additional investment made after acquisition	0	16,627
3.	Current year change in encumbrances	0	0
4.	Total gain (loss) on disposals	0	0
5.	Deduct amounts received on disposals	0	0
6.	Total foreign exchange change in book/adjusted carrying value	0	0
7.	Deduct current year's other than temporary impairment recognized	0	0
8.	Deduct current year's depreciation	1, 114, 914	2,229,412
9.	Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)		
10.	Deduct total nonadmitted amounts	0	0
11.	Statement value at end of current period (Line 9 minus Line 10)	58,932,734	60,047,648

# **SCHEDULE B - VERIFICATION**

Mortgage Loans

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book value/recorded investment excluding accrued interest, December 31 of prior year	4,664,148,278	4,919,001,825
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	256,976,771	521,462,121
	2.1 Actual cost at time of acquisition 2.2 Additional investment made after acquisition	12,333,591	33,394,050
3.	Capitalized deferred interest and other	0	0
4.	Approach of discount	227 ///	1 507 008
5.	Unrealized valuation increase (decrease)  Total gain (loss) on disposals  Deduct amounts received on disposals	0	0
6.	Total gain (loss) on disposals	0	97,519
7.	Deduct amounts received on disposals	202,542,910	808,495,427
8.	Deduct amortization of premium and mortgage interest points and commitment fees	ეა	102
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest	0	0
10.	Deduct current year's other than temporary impairment recognized	0	2,908,716
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	4,731,139,454	4,664,148,278
12.	Total valuation allowance	0	0
13.	Subtotal (Line 11 plus Line 12)		4,664,148,278
14.	Deduct total nonadmitted amounts	0	0
15.	Statement value at end of current period (Line 13 minus Line 14)	4,731,139,454	4,664,148,278

# **SCHEDULE BA - VERIFICATION**

Other Long-Term Invested Assets

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	1,054,383,382	840,447,605
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	6,832,948	98,667,788
	2.2 Additional investment made after acquisition	80,238,222	150,875,261
3.	Capitalized deferred interest and other	0	0
4.	Accrual of discount	0	0
5.	Unrealized valuation increase (decrease)	(81, 121, 101)	36,576,810
6.	Total gain (loss) on disposals	594,278	(149,039)
7.	Deduct amounts received on disposals	29,628,801	70,401,101
8.	Deduct amortization of premium and depreciation	9,435	17,860
9.	Total foreign exchange change in book/adjusted carrying value	(24,637)	(245,675)
10.	Deduct current year 3 other than temporary impairment recognized		
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	1,024,239,370	1,054,383,382
12.	Deduct total nonadmitted amounts	3,554,262	0
13.	Statement value at end of current period (Line 11 minus Line 12)	1,020,685,108	

# **SCHEDULE D - VERIFICATION**

Bonds and Stocks

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value of bonds and stocks, December 31 of prior year	24,494,156,848	24,113,972,719
2.	Cost of bonds and stocks acquired	2,414,378,322	4,667,380,821
3.	Accrual of discount	(170, 169, 774)	(216,821,683)
4.	Unrealized valuation increase (decrease)	(866,296)	3,921,584
5.	Total gain (loss) on disposals	56,977,523	65,550,414
6.	Deduct consideration for bonds and stocks disposed of	1,754,095,007	4,059,281,270
7.	Deduct amortization of premium	21,566,357	26,641,849
8.	Total foreign exchange change in book/adjusted carrying value	(27,410,530)	9,978,412
9.	Deduct current year's other than temporary impairment recognized	70,820,939	83,492,236
10.	Total investment income recognized as a result of prepayment penalties and/or acceleration fees		
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	24,952,632,133	24,494,156,848
12.	Deduct total nonadmitted amounts	0	0
13.	Statement value at end of current period (Line 11 minus Line 12)	24,952,632,133	24,494,156,848

# **SCHEDULE D - PART 1B**

Showing the Acquisitions, Dispositions and Non-Trading Activity
During the Current Quarter for all Bonds and Preferred Stock by NAIC Designation

	During the Current Quarter to	2	3	1 A	5	6	7	8
	Book/Adjusted		3	7	Book/Adjusted	Book/Adjusted	Book/Adjusted	Book/Adjusted
	Carrying Value	Acquisitions	Dispositions	Non-Trading Activity	Carrying Value	Carrying Value	Carrying Value	Carrying Value
	Beginning	During	During	During	End of	End of	End of	December 31
NAIC Designation	of Current Quarter	Current Quarter	Current Quarter	Current Quarter	First Quarter	Second Quarter	Third Quarter	Prior Year
BONDS								
1. NAIC 1 (a)	13,094,577,209	801,580,039	439,910,164	(248,751,748)	13,094,577,209	13,207,495,336	0	13,044,339,706
2. NAIC 2 (a)	10,315,644,152	382,616,945	366,409,254	(94,497,874)	10,315,644,152	10,237,353,968	0	10,136,095,062
3. NAIC 3 (a)	864,676,580	32,159,415	121,925,925	120,916,219	864,676,580	895,826,289	0	792,143,618
4. NAIC 4 (a)	245,971,352	6,346,500	34,804,551	114,295,541	245,971,352	331,808,843	0	229,673,372
5. NAIC 5 (a)	24,401,123	9,912	1,562,168	(1,424,982)	24,401,123	21,423,885	0	45,257,071
6. NAIC 6 (a)		0	518,730	771,596	2,907,674	3,160,540	0	2,979,890
7. Total Bonds	24,548,178,090	1,222,712,811	965,130,792	(108,691,248)	24,548,178,090	24,697,068,861	0	24,250,488,719
PREFERRED STOCK								
8. NAIC 1	56,964,874	5,769,275	803,374	(1,396,626)	56,964,874	60,534,149	0	111,339,874
9. NAIC 2	134,563,240	29,503,146	33,881,995	2,801,729	134,563,240	132,986,120	0	51,428,240
10. NAIC 3	0	0	0	0	0	0	0	20,460,000
11. NAIC 4	0	0	0	0	0	0	0	0
12. NAIC 5	0	0	0	0	0	0	0	0
13. NAIC 6		0	0	0	0	0	0	0
14. Total Preferred Stock	191,528,114	35,272,421	34,685,369	1,405,103	191,528,114	193,520,269	0	183,228,114
15. Total Bonds and Preferred Stock	24,739,706,204	1,257,985,232	999,816,161	(107,286,145)	24,739,706,204	24,890,589,130	0	24,433,716,833

(a) Book/Adjusted Carrying Value column for the end of the current reporting period includes the following amount of short-term and cash equivalent bonds by NAIC designation:

# **SCHEDULE DA - PART 1**

Short-Term Investments

	1	2	3	4	5 Paid for
	Book/Adjusted Carrying Value	Par Value	Actual Cost	Interest Collected Year-to-Date	Accrued Interest Year-to-Date
9199999 Totals	254, 169, 187	XXX	254, 184, 232	0	0

# **SCHEDULE DA - VERIFICATION**

Short-Term Investments

		1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	69,455,000	49,903,373
2.	Cost of short-term investments acquired	51,960,639,512	18,083,725,307
3.	Accrual of discount	0	451,627
4.	Unrealized valuation increase (decrease)	18,730	0
5.	Total gain (loss) on disposals	(272,338)	0
6.	Deduct consideration received on disposals	51,775,671,595	18,064,625,307
7.	Deduct amortization of premium	122	0
8.	Total foreign exchange change in book/adjusted carrying value	0	0
9.	Deduct current year's other than temporary impairment recognized	0	0
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	254, 169, 187	69,455,000
11.	Deduct total nonadmitted amounts	0	0
12.	Statement value at end of current period (Line 10 minus Line 11)	254, 169, 187	69,455,000

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

	Options, Caps, Floors, Collars, Swaps and Forwards	
1.	Book/Adjusted Carrying Value, December 31, prior year (Line 10, prior year)	150,213,112
2.	Cost Paid/(Consideration Received) on additions	(4,014,042)
3.	Unrealized Valuation increase/(decrease)	206,720,525
4.	SSAP No. 108 adjustments	0
5.	Total gain (loss) on termination recognized	11,032,296
6.	Considerations received/(paid) on terminations	9,441,836
7.	Amortization	(744,671)
8.	Adjustment to the Book/Adjusted Carrying Value of hedged item	0
9.	Total foreign exchange change in Book/Adjusted Carrying Value	25 , 121 , 823
10.	Book/Adjusted Carrying Value at End of Current Period (Lines 1+2+3+4+5-6+7+8+9)	378,887,207
11.	Deduct nonadmitted assets	0
12.	Statement value at end of current period (Line 10 minus Line 11)	378,887,207
	SCHEDULE DB - PART B - VERIFICATION  Futures Contracts	
1.		0
1. 2.	Futures Contracts	
	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)	
	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)  Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cumulative Cash Change column)	
	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)  Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cumulative Cash Change column)	
	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)  Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cumulative Cash Change column)  Add:  Change in variation margin on open contracts - Highly Effective Hedges	
	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)	
	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)	
	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)	
3.1	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)	
3.1	Futures Contracts  Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)	

......10,293,312

0

0

.....0

3.23 Section 1, Column 19, current year to date minus ......(13,447,279) 3.24 Section 1, Column 19, prior year ......(13,315,741)

4.21 Amount used to adjust basis of hedged item ......0

3.22 Section 1, Column 17, prior year ..... Change in amount recognized

3.3 Subtotal (Line 3.1 minus Line 3.2)

4.22 Amount recognized

4.23 SSAP No. 108 adjustments ..... 4.3 Subtotal (Line 4.1 minus Line 4.2) .......

5. Dispositions gains (losses) on contracts terminated in prior year: 5.1 Total gain (loss) recognized for terminations in prior year .....

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

Replication (Synthetic Asset) Transactions Open as of Current Statement Date

		Replication (Synt	thetic Asset) Tra	nsactions	·	` ` `	,	р			of the Repli	cation (Synthetic Asset) Trans	sactions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open	1		Cash	Instrument(s) Held		
								9	10	11	12	13	14	15	16
		NAIC											NAIC		
		Designation or		Book/Adjusted					Book/Adjusted				Designation or	Book/Adjusted	
		Other	Notional	Carrying		Effective	Maturity		Carrying				Other	Carrying	
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
	CMBX.NA.11.AAA	2	5,000,000			12/06/2018		CDS: (CMBX.NA.11.AAA)	(76,872)	16,430	08162Q-AN-9	BMARK_20-1G3	1		5, 119, 593
	CMBX.NA.13.AAA	2	5,000,000	4,824,969		03/10/2020		CDS: (CMBX.NA.13.AAA)	(182,626)		12593A-BD-6	COMM_15-CR23	1	5,007,595	5, 169, 992
	CMBX.NA.13.AAA	2	10,000,000	9,638,655		03/12/2020	12/16/2072	CDS: (CMBX.NA.13.AAA)	(514,086)	(125, 139)	12592L-BP-6	COMM_14_CCRE20	1	10, 152,741	9,287,829
	CMBX .NA . 13 . AAA	2	13,288,350			03/16/2020		CDS: (CMBX.NA.13.AAA)	(587,039)		29429E-AF-8	CGCMT_16-P4	[]		1,095,565
	CMBX .NA . 13 . AAA	2	7,135,000	6,635,432				CDS: (CMBX.NA.13.AAA)	(508,046)		43289V-AJ-2	HILT_16-SFP	[]		7,015,595
12574# GU5	CMBX . NA . 13 . AAA	2	5,000,000	4,300,278	5,025,506	03/24/2020	12/16/20/2	CDS: (CMBX.NA.13.AAA)	(402,639)	(62,5/0)	12593Q-BH-2	COMM_15_CR26	1	4,702,917	5,088,076
		•••••													
		• • • • • • • • • • • • • • • • • • • •													
9999999999 -	Totals			30,683,315	32,330,065	XXX	XXX	XXX	(2,271,308)	(446,585)	XXX	XXX	XXX	32,954,623	32,776,650

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

Replication (Synthetic Asset) Transactions Open

Г			-1 1	<i>y</i>						
	First Q	uarter	Second	Quarter	Third O	Quarter	Fourth	Quarter	Year T	o Date
	1 Number of Positions	2 Total Replication (Synthetic Asset) Transactions Statement Value	3 Number of Positions	4 Total Replication (Synthetic Asset) Transactions Statement Value	5 Number of Positions	6 Total Replication (Synthetic Asset) Transactions Statement Value	7 Number of Positions	8 Total Replication (Synthetic Asset) Transactions Statement Value	9 Number of Positions	10 Total Replication (Synthetic Asset) Transactions Statement Value
Beginning Inventory	1	6,776,214	6	33,011,913	0	0	0	0	1	6,776,214
Add: Opened or Acquired Transactions	5	26,232,020	0	0	0	0	0	0	5	26,232,020
Add: Increases in Replication (Synthetic Asset)     Transactions Statement Value	xxx	3,679	xxx	21,121	xxx	0	xxx	0	xxx	24,800
Less: Closed or Disposed of Transactions	0	0	0	0	0	0	0	0	0	0
Less: Positions Disposed of for Failing Effectiveness     Criteria	0	0	0	0	0	0	0	0	0	0
Less: Decreases in Replication (Synthetic Asset)     Transactions Statement Value	xxx	0	xxx	2,349,719	xxx	0	XXX	0	XXX	2,349,719
7. Ending Inventory	6	33,011,913	6	30,683,315	0	0	0	0	6	30,683,315

# STATEMENT AS OF JUNE 30, 2020 OF THE VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY **SCHEDULE DB - VERIFICATION**

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

		Book/Adjusted Carrying \	Value Check
1.	Part A, Section 1, Column 14	378,887,207	
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)		378,887,207
4.	Part D, Section 1, Column 5		
5.	Part D, Section 1, Column 6	(492,891,611)	
6.	Total (Line 3 minus Line 4 minus Line 5)		0
		Fair Value Che	eck
7.	Part A, Section 1, Column 16	136,052,852	
8.	Part B, Section 1, Column 13	(67,625)	
9.	Total (Line 7 plus Line 8)		135,985,227
10.	Part D, Section 1, Column 8	909,712,636	
11.	Part D, Section 1, Column 9	(773,727,409)	
12	Total (Line 9 minus Line 10 minus Line 11)		0
		Potential Exposure	Check
13.	Part A, Section 1, Column 21	223,549,071	
14.	Part B, Section 1, Column 20	3,049,860	
15.	Part D, Section 1, Column 11	226,598,931	
16.	Total (Line 13 plus Line 14 minus Line 15)		0

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

(Cash Equivalents)

	(Odon Equivalents)	1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	0	0
2.	Cost of cash equivalents acquired	54, 150, 373	700,795,510
3.	Accrual of discount	20,640	246,337
4.	Unrealized valuation increase (decrease)	0	0
5.	Total gain (loss) on disposals	(17)	(49)
6.	Deduct consideration received on disposals	54, 170, 996	701,041,798
7.	Deduct amortization of premium	0	0
8.	Total foreign exchange change in book/adjusted carrying value	0	0
9.	Deduct current year's other than temporary impairment recognized	0	0
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	0	0
11.	Deduct total nonadmitted amounts	0	0
12.	Statement value at end of current period (Line 10 minus Line 11)	0	0

# Schedule A - Part 2 - Real Estate Acquired and Additions Made **N O N E**

Schedule A - Part 3 - Real Estate Disposed **N O N E** 

### **SCHEDULE B - PART 2**

Showing All Mortgage Loans ACQUIRED AND ADDITIONS MADE During the Current Quarter

1	Location	g All Wortgage Loans Aode	4	5	6	7	8	9
	2	3		-			Additional	
			Loan			Actual Cost at	Investment Made	Value of Land
Loan Number	City	State	Type	Date Acquired	Rate of Interest	Time of Acquisition	After Acquisition	and Buildings
29858 Hoov	ver	AL		07/16/2019	5.050	0		
29781 Tuc:	son	AZ		10/17/2018	5.650	0		13,263,548
	enix	AZ			4.480	0	969,937	31,450,533
	enix	AZ		02/14/2020	4.350	0	228,939	19,592,143
	mont	CA			4.750	0	107,328	
	Pedro	CA		01/11/2019	5.400	0	60,678	5,314,058
	ward	CA			5.100	0		12,522,742
	Francisco	CA		05/21/2020	3.400	35,000,000	0	116,270,000
	rance	CA		06/04/2020	3.150	6,405,000		15,413,323
	hington DC	DC		06/17/2020	4.950	9,817,973	0	31,824,390
	mington	DE		05/10/2019	5.600	0	1,113,070	18, 169, 773
	pa	FL			4.850	0	102,503	19,776,774
	anta	GA		10/11/2019	4.400	0		17,010,000
	anta	GA		12/19/2019	4.500	0		19,576,471
	anta	GA		01/16/2020	4.450	0	159,688	12,558,857
	ile	IL		10/28/2019	5.200	0	11,541	5,995,283
	lianapolis	IN		11/06/2019	4.970	0	574,452	34, 176, 931
	iisville	KY		06/09/2020	5.000	10,918,665	0	21,056,276
	sas City	MOMO.		10/17/2018	4.750	0	232,480	12,295,652
	York City	NY			4.550	0	101,512	7 , 198 , 294
	ens	NY		02/07/2020	4.200	0	131,950	
	Antonio	TX		04/24/2018	5. 150	0	117,493	15,855,172
20	brook	TX		11/22/2019	4.500	0	55,839	
	ston	TX		03/21/2019	5.350	0	91, 121	22,224,391
	pus Christi	TX		07/30/2019	4.950	0		14,787,914
	las	TX			4.450	0	349,820	19,445,393
2000.	las	TX		09/09/2019	4.450	0	467,601	13,403,628
	ston	TX		02/26/2020	4.450	0	180,925	18,280,149
2965602 Dal	140	TX			4.700	0	23,219	
0599999. Mortgages in good standir						62,141,638	6,602,728	612,168,030
0899999. Total Mortgages in good s						62,141,638	6,602,728	612,168,030
1699999. Total - Restructured Morto						0	0	0
2499999. Total - Mortgages with over						0	0	C
3299999. Total - Mortgages in the pr	rocess of foreclosure	·		<u> </u>		0	0	
3399999 - Totals		·				62,141,638	6,602,728	612,168,030

### **SCHEDULE B - PART 3**

Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Quarter

1	Location		4	5	6	7		Change	in Book Value	Recorded Inv	estment		14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment			Year's Other-		Total		Investment		Foreign		
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign	Excluding		Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)	Impairment	Interest and	Book Value	Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Type	Acquired	Date	Prior Year	(Decrease)	\ /Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
27620	UNION CITY	CA		04/22/2005	04/29/2020	191,923	0	0	0	0	0	0	77,268	77,268	0	0	0
27659	MILPITAS	CA		05/26/2005	06/03/2020	144,833	0	0	0	0	0	0	24,415	72,913	0	0	0
29214	SAN FRANCISCO	CA		05/01/2015	05/22/2020	6,927,248	0	0	0	0	0	0	6,872,531	6,886,274	0	0	0
29215	SAN FRANCISCO	CA		05/01/2015	05/22/2020	3,730,056	0	0	0	0	0	0	3,700,594	3,707,994	0	0	0
29147	WASHINGTON	DC.		05/01/2015	06/11/2020		0	0	0	0	0	0	4,492,254	4,503,713	0	0	0
29197	PERRY	GA.		03/27/2015	04/06/2020		0	0	0	0	0	0	1,182,500	1,182,500	0	0	0
29248	WOODSTOCK			07/31/2015	06/17/2020	3,574,468	0	0	0	0	0	0	3,574,468	3,574,468	0	0	0
29249	MARIETTA			07/31/2015	06/17/2020	3,510,638	0	0	0	0	0	0	3,510,638	3,510,638	0	0	0
29250	ALPHARETTA			07/31/2015	06/17/2020	3,925,532	0	0	0	0	0	0	3,925,532	3,925,532	0	0	0
29251	LILBURN	GA.		07/31/2015	06/17/2020	3,989,362	0	0	0	0	0	0	3,989,362	3,989,362	0	0	0
29200	COVINGTON	LA		03/27/2015	04/06/2020	941,333	0	0	0	0	0	0	941,333	941,333	0	0	0

				Showing A	All Mortgage Lo	cans DISPO	SED, Transf	erred or Repa	aid During the	e Current Qu	uarter						
1	Location		4	5	6	7			e in Book Value	e/Recorded Inv	/estment		14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment			Year's Other-		Total		Investment		Foreign		
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign	Excluding		Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)	Impairment	Interest and		Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Type	Acquired	Date	Prior Year	(Decrease)	/Accretion	Recognized	Other		Book Value	Disposal	eration	Disposal	Disposal	Disposal
29202	CHICOPEE	MA	1,700	03/27/2015	04/06/2020	649,000	(Decrease)	// tocretion	1 teeogriized	001101	1 0.3 10.11)	DOOK VAIGO	649,000	649,000	Diopodai	О	Diopodai
29203	KANNAPOLIS	NC.		03/27/2015	04/06/2020		0	0	0	0	0	0			0	0	0
29624	Moorestown	NJ		09/29/2017	04/02/2020	22,927,141	0	0	0	0	0	0	23,484,400		0	0	0
29196	CANTON	0H		03/27/2015	04/06/2020	1,205,667	0	0	0	0	0	0	1,205,667	1,205,667	0	0	0
29201	COLUMBUS	OH		03/27/2015	04/06/2020	677,667	0	0	0	0	0	0	677,667	677,667	0	0	0
29198	OKLAHOMA CITY	OK		03/27/2015	04/06/2020	976,333	0	0	0	0	0	0	976,333	976,333	0	0	0
29195	SEVEN FIELDS	PA		03/27/2015	04/06/2020	1,255,000	0	0	0	0	0	0	1,255,000	1,255,000	0	0	0
29199	COLUMBIA	SC		03/27/2015	04/06/2020	994,000	0	0	0	0	0	0	994,000	994,000	0	0	0
29715 29175	San Antonio	TXVA		04/24/2018 03/27/2015	05/21/2020 04/06/2020	9,334,519 1,457,500	0	0	0	0	0		9,515,809		0	0	0
		JVA	<u> </u>	00/21/2010	04/00/2020		0		0						0		0
0199999. Mortgages clos	AUBURN	I AI	I	12/27/2013	I	72,793,553	0							73,315,437 42,965	0	0	0
29101	BIRMINGHAM	ALΔI		09/10/2014			0	0	U	0	0	0 n	0 n			U	u
29827	Birmingham	AI		09/10/2014		6,395,992	0	n	n	0	0	n	n	25,763	n	n	n
29170	FT SMITH	AR		04/29/2015		958,375	0	0	0	0	0	n			0	n	0
29171	HOT SPRINGS	AR		04/29/2015		1,226,156	0	0	0	0	0	0	0	11,381	0	0	0
27218	MESA	AZ		03/27/2003		10,540,566	0	0	0	0	0	0	0	69,811	0	0	0
27219	MESA	AZ		03/27/2003		12,044,999	0	0	0	0	0	0	0	82,387	0	0	0
27308	MESA	AZ		09/19/2003		14,656,304	0	0	0	0	0	0	0	100,894	0	0	0
28498	CHANDLER	AZ		11/01/2011		15,601,122	0	0	0	0	00	0	0	237,716	0	0	0
28507	Peor ia	AZ		09/23/2011		3,396,697	0	0	0	0	0	0	0	22,298	0	0	0
28926	PHOENIX	AZ		04/01/2014		4,778,180	0	0	0	0	0	0	0	60,791	0	0	0
28955 28956	NOGALES	AZAZ		12/06/2013		934,349 715,672	٥٥	0	0	0	0	0	0	11,870	0	0	0
28966	TUCSON	AZ	· · · · · · · · · · · · · · · · · · ·	11/26/2013		1,868,854		0	0	0	0			7,913	0	0	0
29142	TEMPE	A7		01/15/2015		6,727,231	0	0	0	0	0	0	0	53,296	0	0	0
29144	YUMA	.AZ.		01/15/2015		1,886,472	0	0	0	0	0	0	0	14,945	0	0	0
29330	GLENDALE	AZ		01/06/2016		1,340,363	0	0	0	0	0	0	0	6,733	0	0	0
29331	CHANDLER	AZ		01/06/2016		1,673,914	0	0	0	0	00	0	0	8,409	0	0	0
29332	PH0ENIX	AZ		01/06/2016		1,496,137	0	0	0	0	00	0	0	7,516	0	0	0
29333	GILBERT	AZ		01/06/2016		1,419,570	0	0	0	0	0	0	0	7, 131	0	0	0
29334 29463	PHOENIX MESA	AZAZ	· · · · · · · · · · · · · · · · · · ·	01/06/2016		1,550,702 7,074,518	0	0	0	0		0	0	7,790 72,563	0	0	0
29548	Glendale	A7		06/29/2017		3.539.848	٥٥		0	0		0			0	0	0
29549	Glendale	AZ		06/29/2017		3,539,848	٥٥	0	0	0	0		0	23,295	٥		0
29561	SCOTTSDALE	AZ		04/03/2017		24,604,299	0	0	0	0	0	0	0	233,930	0	0	0
29582	Phoenix	AZ		04/27/2017		4,500,547	0	0	0	0	0	0	0	71,235	0	0	0
29587	Phoenix	AZ		05/24/2017		3,713,010	0	0	0	0	00	0	0	58,982	0	0	0
29594	Phoenix	AZ		05/24/2017		4, 130, 061	0	0	0	0	00	0	0	65,607	0	0	0
29599	Phoenix	AZ		05/24/2017		1,618,121	0	0	0	ļ0	.  0	0	0	25,704	0	0	0
29600 29601	Mesa Surprise	AZAZ		05/24/2017 05/24/2017		5,142,781 4,832,471	0	0	0	0		0	0	80,714 75,844	0	0	0
29780	Phoenix	A7	ļ	10/16/2018			٠٥	u	u	<sup>0</sup>		ļ					0 n
2842506	PHOENIX	AZ		05/18/2011		5,572,371	o	n	n	n	n	n	n	16.637	0 N	n	n
	ANAHEIM	CA		05/01/2012		3,272,892	0	0	0	0	0	0	0	21,517	0	0	0
27365	SAN FRANCISCO	CA		07/03/2013		729,714	0	0	0	0	0	0	0	6,611	0	0	0
	SAN DIEGO	CA		07/06/2005		128,077	0	0	0	0	0	0	0	48, 137	0	0	0
27775	LAKE FOREST	CA		10/04/2005		9,268,079	0	0	0	0	0	0	0	159,539	0	0	0
27913	PALO ALTO	CA		10/16/2006		828,189	0	0	0	0	·  0	0	0	104,318	0	0	0
27956	AMERICAN CANYON	CA		12/21/2006		2,766,856	0	0	0	ļ0		ļ0	ļ	79,270	ō	0	ļ0
28033 28082	LOS ANGELES	CACA		02/02/2007		4,045,913 6,436,045	0	0	0	0	0	0	0	138,521	0	0	0
28322	SANTA CLARA	CA		11/30/2010			0 ^	0 n	U	0 n	,  0 n	0	0 n			U	U
28392	PALM SPRINGS	CA CA	·	04/29/2011		6,969,048	o	n	0 n	n	n	n	n	45,281	0 n	n	n
28405	SANTA CLARITA	CA		04/28/2011		6,267,667	0	0	0	0	0	0	0	98,743	0	0	0
28406	LOS ANGELES	CA		05/09/2011		7,817,690	0	0	0	0	0	0	0	48,277	0	0	0
28412	CONCORD	CA		06/14/2011		2,474,692	0	0	0	0	0	0	0	38,900	0	0	0
28414	SAN JOSE	CA		06/29/2011		3,696,034	0	0	0	0	0	0	0	34,428	0	0	0
28416	SAN LEANDRO	CA	ļ	06/29/2011		1,413,441	0	0	0	0	0	0	0	12,927	0	0	0
28418	CONCORD	CA	1	06/29/2011	ı	3,712,104	0	1 0	0	L0	11 0	0	0	34.577	0	1 0	1 0

					All Mortgage L		SED, Transf										
1	Location		4	5	6	7				e/Recorded Inv			14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment			Year's Other-		Total		Investment		Foreign	D. J. J.	T.1.1
						Excluding	Unrealized	Current	_ Than-	Capitalized	Change	Total Foreign			Exchange	Realized	Total
				D.1.	D'	Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued	0	Gain	Gain	Gain
		<u> </u>	Loan	Date	Disposal	Interest	Increase	(Amortization)	Impairment	Interest and	Book Value	Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Туре	Acquired	Date	Prior Year	(Decrease)	/Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
28419 28438	LOS ANGELES	CA		11/01/2011		4,334,858	0	0	0	0	0	0	0	133,240	0	0	0
28486	NORTHRIDGE	CA		08/10/2011		3,250,714	0 0	0	0	0	0	0	0	103,335	0	0	0
28493	IRVINE	CA		08/31/2011		3,929,710	0	0	0	0	0	0	0	39,639	0	0	0
28494	. IRVINE	CA		08/31/2011		1,471,962	0	0	0	0	0	0	0	92,055	0	0	0
28524	. ANAHEIM	CA	·	11/10/2011		4,349,131	0	0	0	00	0	0	0	96,007	0	0	0
28562 28788	. FOSTER CITY			01/20/2012		29,987,647	0	0	0	0	0	0	0	200,682	0	0	0
28789	SAN FRANCISCO	CA		10/09/2012		2,612,308	 0	0	0	0	0	0	0	23,760	0	0	0
28790	SAN FRANCISCO	CA.		10/09/2012		4,349,764	0	0	0	0	0	0	0	35,300	0	0	0
28791	SAN FRANCISCO	CA		10/09/2012		3,471,446	0	0	0	0	0	0	0	28, 172	0	0	0
28832	. MALIBU	CA	-	02/26/2013		2,740,944	0	0	0	0	0	0	0	56,467	0	0	0
28834 28835	LOS ANGELES		-	02/26/2013		5,265,314	0	0	0	.  0	0	0	0	108,473	0	0	0
28850	BEVERLY HILLS	CA.		02/26/2013		4.676.899	u n	0 n	0 n	,u	n	0 n	0 n		u n	0 n	,u
28873	LOS ANGELES	CA.		04/09/2013		12,018,327	0	0	0	0	0	0	0	173,625	0	0	0
28874	GARDEN GROVE	CA		05/09/2013		3,320,333	0	0	0	00	0	0	0	46, 120	0	0	0
28887	LOS ANGELES	CA		05/30/2013		2, 189,833	0	0	0	0	0	0	0	13,854	0	0	0
28902 28903	LONG BEACH THOUSAND OAKS	CA		06/26/2013		3,081,079	0	0	0	0	0	0	0	79,617	0	0	0
28912	NEWPORT BEACH	CA		10/31/2013		6,011,236	٥	0	0	0		0	0	155,333 264,156		0	
28932	ROSEVILLE	CA.		08/13/2013		13,967,711	00	0	0	0	0	0	0	68.551	0	0	0
28939	SANTA MONICA	CA		12/06/2013		5, 168, 745	0	0	0	0	0	0	0	65,665	0	0	0
28944	SAN FRANCISCO	CA		12/06/2013		4,274,156	0	0	0	00	0	0	0	54,300	0	0	0
28945	PLACENTI		·	12/06/2013		3,677,762	0	0	0	00	0	0	0	46,723	0	0	0
28946 28947	SAN DIEGO SAN DIEGO	CA		12/06/2013		1,948,219 1,471,105	0	0	0	0	0	0	0	24,751	0	0	0
28948	EL CAJON	CA		12/06/2013		1,590,299	00	0	0	0	0	0	0	20.209	00	0	0
28949	STANTON	CA		12/06/2013		1,033,750	0	0	0	0	0	0	0	13, 133	0	0	0
28950	. SAN DIEGO			12/06/2013		993,989	0	0	0	0	0	0	0	12,628	0	0	0
28951	LA MESA	CA		12/06/2013		745,492	0	0	0	0	0	0	0	9,471	0	0	0
28967 28973	SAN FRANCISCO	CACA		11/07/2013		4,942,629	٥٥	0	0	0	0	0	0	29,313	٥٥	0	0
28986	HIGHLAND PARK	CA		12/20/2013		7,016,848	0	0	0	0	0	0	0	73,390	0	0	0
28993	CULVER CITY	CA		05/09/2014		1,614,479	0	0	0	0	0	0	0	8,463	0	0	0
28994	. SANTA CLARA			02/07/2014		6,510,097	0	0	0	0	0	0	0	35,663	0	0	0
29006	PASADENA	CA		02/25/2014		25,083,735	0	0	0	0	0	0	0	139,271	0	0	0
29007 29022	SAN DIEGO		-	05/09/2014		1,480,489	 n	0	0 n	,0	0	0 n	0 n	17,711	0 n	0 n	,  0
29041	WOODLAND HILLS	CA.		05/28/2014		5,233,727		0	0	0		0	0	115,875		0	0
29049	TORRANCE	CA	.	08/06/2014		10,166,577	0	0	0	0	0	0	0	83,809	0	0	0
29068	. SACRAMENTO	CA	-	07/30/2014		23,496,805	0	0	0	0	0	0	0	189,398	0	0	0
29070 29082	TORRANCE	CA		08/06/2014		957,795 4,502,743	0	0	0	0	0	0	0		0	0	.  0
29100	RESADA	CA.		10/14/2014		4, 104, 196	ں n	n	0 n	,o	n	n	0 n	33,344	 n	n	,
29112	SANTA MONICA	CA.		11/05/2014		8,715,517	0	0	0	0	0	0	0	69,957	0	0	0
29129	LA JOLLA	CA		06/01/2015		5,444,098	0	0	0	0	0	0	0	34,443	0	0	0
29136	. HOLLYWOOD	CA		12/23/2014		817,584	0	0	0	0	0	0	0	37,687	0	0	0
29140 29141	SANTEE	CACA	-	01/15/2015		9,539,142 8,293,358	0	0	0	0	0	0	0		0	0	.  0
29146	SYLMAR	CA	-	01/15/2015		9,574,735	ں ۱	n	n	,o	n	n	n	75,855	ں ۱	n	,
29158	SAN BERNARDINO	CA.		03/06/2015		10,720,121	0	0	0	00	0	0	0	213,224	0	0	0
29161	LA PUENTE	CA	.	03/06/2015		6,358,919	0	0	0	00	0	0	0	126,479	0	0	0
29163	. EL MONTE	CA	- <del> </del>	03/06/2015		1,019,226	<u>0</u>	0	0	0	0	0	0	20,272	<u>0</u>	<u>0</u>	<u>0</u>
29165 29204	. COVINA SAN FRANCISCO			03/06/2015		3,330,094	0	0	0	0	0	0	0		0	0	.  0
29204	LOS ANGELES	CA		04/01/2015		2,048,102	 n	n	0 n	,o	n	n	0 n	29,052	 n	n	,0 n
29206	LOS ANGELES	CA.	. [	04/23/2015		3,358,156	0	0	0	0	0	0	0	25,825	0	0	0
29216	PACOIMA	CA		04/29/2015		6,663,480	0	0	0	0	0	0	0	52,707	0	0	0
20232	RDENTWOOD.	CA		05/22/2015		2 202 506	0	١	1		1	1	1	20 512	0	1	

		U				oans DISPO	SED, Transf						1.1	1.5	40	1 47	10
1	Locat		4	5	6	Book Value/	0			e/Recorded Inv		40	14	15	16	17	18
	2	3				Recorded	8	9	10 Current	11	12	13	Book Value/ Recorded				
						Investment			Year's Other-		Total		Investment		Foreign		
						Excluding	Lincolizad	Current		Conitalizad	Change	Total Faraian	Excluding		Exchange	Realized	Total
						Accrued	Unrealized Valuation	Current Year's	Than-	Capitalized Deferred	in	Total Foreign Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest			Temporary				Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Lana Niverban	0.1	01-1-					Increase	(Amortization)		Interest and		Change in					
Loan Number	City LOS ANGELES	State	Туре	Acquired	Date	Prior Year	(Decrease)	/Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
29239 29321	ROSEVILLE	CA		07/01/2015		19,695,218	0	0	0		)  0	0	0	107,625	0	0	0
29349	CITY OF INDUSTRY	CA		01/03/2016		24,282,084		0	0 N		)o	0	o	264,784	0 N		
29368	CHATSWORTH	CA		03/30/2016		4,559,958	0	0	0		0		0	32,988	0	0	
29370	LOS ANGELES	CA		03/24/2016			0	0	0	C	0	0	0	4,227	0	0	
29373	ORANGE	CA		06/01/2016		7,034,480	0	0	0	0	00	0	0	36,370	0	0	c
29383	LOS ANGELES	CA		04/14/2016		493,743	0	5	0	0	)5	0	0	1,874	0	0	
29388	REDONDO BEACH	CA		05/11/2016		1,827,816	0	0	0		)0	0	0	13,413	0	0	
29460	ALHAMBRA	CA		08/04/2016		2,937,896	0	0	0	0	00	0	0	21,780	0	0	
29464 29519	BEVERLY HILLS	CA		08/18/2016		5,269,207 7,076,221	0	0	0		0	0	0	29,793	0	0	,  0
29520	NORTHRIDGE	CA CA		12/05/2016		6,531,897	n	n	n	n	)n	n	n	40.137	n	n	,
29550	ENCINITAS		[	02/07/2017	l	10,473,993	0	0	0		0	0	0	51,511	0	0	
29562	COVINA	CA		04/03/2017		19,588,263	0	0	0	0	0	0	0	186,239	0	0	0
29563	CARLSBAD	CA		04/03/2017		35,549,547	0	0	0	C	00	0	0	337,994	0	0	0
29603	Garden Grove	CA		06/29/2017	ļ	5,879,230	0	0	0	0	00	0	0	38,038	0	0	0
29607	Los Angeles	CA		08/11/2017		6,008,324	0	0	0		00	0	0	173,560	0	0	0
29630 29631	Rialto	CA		11/01/2017		5,208,252	0	0	0	0	0	0	0	36,856	0	0	0
29631	Rancho Cucamonga	CA.		11/01/2017		4,734,775	0	0	0		)u	0	0	31,095	0	0	
29671	Roseville	CA		01/31/2018		3,336,936	n	٥	٥		)o		o	23,298	٥	n	
29674	Rancho Cucamonga	CA		01/31/2018		5,053,075	0	0	0	0	0	0	0	35,279	0	0	, C
29782	Covina	CA		11/15/2018			0	0	0		0	0	0	4,216	0	0	
29788	Los Angeles	CA		11/29/2018		1,968,077	0	0	0	0	0	0	0	8,304	0	0	0
29795	Long Beach	CA		12/14/2018		2,451,463	0	0	0	0	00	0	0	13,776	0	0	0
29821	Anaheim	CA		03/28/2019		3,931,129	0	0	0		00	0	0	26,625	0	0	0
29825 29826	Antelope Eastvale	CA		04/26/2019		7,399,614	0	0	0	0	0	0	0	44,238	0	0	0
29839	San Francisco	GA.		06/26/2019					0			0	0	52.694	0		
2777502	LAKE FOREST	CA		08/24/2006		1,319,989	0		0		)		0	21, 175	0	0	۰
2843106	FREMONT	CA		05/18/2011		4,847,691	0	0	0		0	0	0	14,474	0	0	
2915802	SAN BERNARDINO	CA		03/06/2015		5,207,237	0	0	0	0	0	0	0	91,660	0	0	
2916102	LA PUENTE	CA		03/06/2015		3,088,025	0	0	0		0	0	0	54,357	0	0	0
2916302	EL MONTE	CA		03/06/2015			0	0	0	0	00	0	0	8,720	0	0	0
2916502	COVINA	CA		03/06/2015		1,617,200	0	0	0	0	0  0	0	0	28,467	0	0	0
27800 28149	WESTMINSTER		·	11/04/2005	····	138,004	0	0	0	ļ0	0	0	0	37,470	0		.  0
28390	AURORA			03/25/2011		4,077,523	0		0		)	0	0	39,579	0	0	
28516	WHEAT RIDGE			09/23/2011		1,401,142	0	0	0		0	0	0	9, 198	0	0	, c
28768	Denver			08/29/2012		22,942,295	0	0	0	0	0	0	0	189,347	0	0	
28771	Aurora			08/29/2012	ļ	1,444,079	0	0	0	C	0	0	0	9,847	0	0	0
28829	DENVER			01/09/2013		14,290,201	0	0	0	0	00	0	0	203,361	0	0	0
28851	WESTMINSTER	00		02/12/2013		11,206,558	0	0	0	L	0  0	0	0	814,781	0	0	0
28899 28989	AURORA		·	06/26/2013		2,065,767	ļ0	0	0	ļ	,  0	0	0	137,868	0	ļ0	.  0
29081	PARKER			07/29/2014					0		,	0	0	629,480	0	0	
29093	BOULDER			12/24/2014	<u> </u>	13,743,520	n	n	n	n	)	n	n	107,542	n	n	,r
29117	LITTLETON			05/01/2015		3,096,743	0	0	0	0	0	0	0	24,522	0	0	
29339	ASPEN			01/06/2016		1,034,134	0	0	0	0	0	0	0	11,782	0	0	0
29371	FREDERICK	CO		03/24/2016		1,740,770	0	0	0	0	0	0	0	11,498	0	0	0
29552	CENTENNIAL			02/28/2017		4,692,049	0	0	0	0	00	0	0	6,762	0	0	0
29554	CENTENNIAL	00		02/28/2017		20,000,000	0	0	0	ļ0	0	0	0	84,453	0	0	ļ
29662	Lakewood	00		03/01/2018		5,807,447	ļ0	<u>0</u>	ļ0	ļ	ō	0	ļ0	28,856	ļ0	ļō	0
29708	Denver Denver			06/28/2018		3,381,949	0	0	0	ļ	0	0	0	21,762	0		,   <sup>Q</sup>
29841	BOULDER			11/23/2015		4,612,598	U	0 n	0 n		۰	U	0 n	25,886	0 n	0	,0
28576	STRATFORD	CT		02/14/2012		11,234,602	0	0	0	0	)	0	0	47,774	0	0	,
28577	STRATFORD	CT		02/14/2012		5.767.957	0	0	0		0	0	0	24,528	0	0	
28954	EAST HARTFORD	CT.		12/06/2013		487,055	0	0	0		0	0	0		0	0	
20045	VEDNON	CT.		07/15/2014	1	4 764 904	1	1	١	1	1	1		50 540	١	1	. 1

			1 .		All Mortgage I	_oans DISPO	SED, Transf										
1	Locati		4	5	6	7	_			e/Recorded Inv			14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment			Year's Other-	•	Total		Investment		Foreign		
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign	Excluding		Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)	Impairment	Interest and	Book Value	Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	Citv	State	Type	Acquired	Date	Prior Year	(Decrease)	`/Accretion ´	Recognized		(8+9-10+11)		Disposal	eration	Disposal	Disposal	Disposal
29050	VERNON	CT.		07/15/2014		1.053.292	0	0	0	0	0	0	0	13, 161	0	0	
29051	VERNON	CT		07/15/2014		1,053,292 1,404,390	0	0	0		0	0	0	17,549	0	0	0
29080	GREENWICH	CT		10/10/2014		6,778,127	0	0	0	0	0	0	0	26,644	0	0	0
29229	SOUTHBURY	CT		06/18/2015		6,315,702	0	0	0		00	0	0	36,528	0	0	
29230	SOUTHBURY	<u></u>		06/18/2015		549, 192	0	0	0	ļQ	0  0	0	0	3, 176	0	0	
29413	STAMFORD	CT		07/20/2016		6,842,700	0	0	0	0	0	0	0	24,775	0	0	0
29800 2880903	Vernon WESTPORT	CT		02/27/2019		16,590,457	0	0	0			0	0	140,965	0	0	
2881003	WESTPORT	CT		12/19/2012			0	0	0			0	0	17,007	٥	0	
2881203	NORWALK	CT		12/19/2012			0	0	0	0	0	0	0		٥٥	0	
28936	WASHINGTON	DC		10/10/2013		8,999,815	0	0	0	0	0	0	0	44.008	o	0	
28976	WASHINGTON	DC		12/05/2013		13,050,676	0	0	0	C	0	0	0	71,922	0	0	
29115	WASHINGTON	DC		10/31/2014			0	0	0	0	0	0	0	64,235	0	0	
29377	WASHINGTON	DC		03/22/2016		12,738,149	0	0	0	c	0	0	0	136,732	0	0	c
28728	WILMINGTON	DE		05/17/2012		2,080,600	0	0	0	0	00	0	0	106,899	0	0	0
29359	NEWARK	DE		01/11/2016	<b></b>	16,742,559	ļ0	0	0	c	0	0	ļ0	79,584	0	0	ļ
29667	Dover	DEDE		01/31/2018		4,000,000	0	0	0	0	00	0	0	16,326	0	0	0
29878 29890	Newark	DEDE		12/18/2019 12/18/2019		16,728,205	0	0	0		)  0	0	0	147,855 99,628	0	0	
28354	FT LAUDERDALE	UE,		03/25/2011			0	0	0			0	0	99,628	٥٥	0	
28355	FT LAUDERDALE	FI		03/25/2011		85,945	n		o		)o		n	15,912	٥	0	
28356	FT MYERS	FI		03/25/2011			0	0	0	0	0	0	0	15,875	0	0	0
28357	PALM BEACH GDNS	FL		03/25/2011		50,488	0	0	0	0	0	0	0	9,347	0	0	0
28372	OAKLAND PARK	FL		03/25/2011		57,549	0	0	0		0	0	0	10,655	0	0	0
28376	LUTZ	FL		03/25/2011		62,468	0	0	0	0	0	0	0	11,565	0	0	0
28377	AVENTURA	FL		03/07/2011		3,859,052	0	0	0		00	0	0	38,099	0	0	0
28421	PLANTATION	FL		09/02/2011		3,940,723	0	0	0		0	0	0	185,213	0	0	
28482	DAVIE	<u>-</u> <u>F</u> L		08/23/2011		4,905,762	0	0	0		)  0	0	0	48,421	0	0	0
28587	CAPE CORAL			02/28/2012		4,917,922 6,392,866	0	0	0		)  0	0	0	46,155	0	0	0
28689 28730	HOLLYWOOD	FL		06/01/2012			0	0	0			0	0	26,998	0	0	
28739	NEWPORT RICHEY	FI		10/10/2012		2,905,447	0	0	0	0	0	0	0	16,937	0	0	
28759	ALTAMONTE SPGS	FI		07/02/2012		2,719,530	0	0	0	0	0	0	0	40 . 128	0	0	0
28760	MIAMI	FL		07/16/2012		1,144,743	0	0	0	0	0	0	0	102,989	0	0	0
28762	ORLANDO	FL.		07/02/2012		6,056,465	0	0	0	0	0	0	0	89,365	0	0	0
28803	CLEARWATER	FL		11/21/2012		3,371,015	0	0	0		00	0	0	30,933	0	0	
28805	BROOKSVILLE	<u>F</u> L		11/21/2012		2,449,092	0	0	0	c	0	0	0	22,473	0	0	c
28816	DESTIN	FL		12/17/2012		3,817,393	ļ0	0	ļ0	<u>0</u>	0  0	0	ļ0	22,630	0	ļ0	ļQ
28817 28838	DESTIN ORANGE PARK			12/17/2012		2,542,165	0	0	0	0	0	0	0	15,071	0	0	ļ
28841	JACKSONVILLE	FL		03/28/2013		3,763,220	U	0	0 n		,	0 n	u		 n	0 n	
28842	JACKSONVILLE	FI		03/28/2013	l	2,855,934	n	0	n		,	0 n	n		o	n	
28843	JACKSONVILLE	FL FL		03/28/2013	<u></u>	3, 191, 966	o	0	0		0	0	0		0	0	
28844	JACKSONVILLE			03/28/2013		4,468,886	0	0	0		0	0	0		0	0	
28845	JACKSONVILLE	FL		03/28/2013		3,326,378	0	0	0	0	0	0	0	42,225	0	0	0
28846	FERNANDINA BEACH	FL		03/28/2013		1,444,601	0	0	0	ļ0	0	0	0	18,338	0	0	0
28847	JACKSONVILLE	FL		03/28/2013		1, 175, 775	0	0	0	0	00	0	0	14,925	0	0	0
28848	JACKSONVILLE	<u>F</u> L		03/28/2013		3,225,569	0	0	0	<u>0</u>	0  0	0	0	40,945	0	0	
28901	WELLINGTON	<u>t</u> t		08/01/2013	}	7,017,651	ļō	ļ0	ļ0	·		0	ļ0	66,451	0	ļ0	ļū
28910 28911	COCOA BEACH	<u>tL</u>		11/12/2013	····	2,376,544 3,611,112	0	0	0	L0	0	0	0	31,574	0	0	ļ
28921	ORLANDO	FL		07/30/2013			n	0 n	0 n		,	0 n	n	47,976	0 n	n	
28922	NEWPORT RICHEY	FI		07/30/2013		7,853,455	n	n	n	n	)n	n	n	69,371	o	n	
28927	BRADENTON	FL		04/01/2014		5,096,726	n	0			0	n		64,844		0	
28957	WEST PALM BEACH	FL.		12/06/2013		675,913	0	0	0		0	0	0		0	0	
28958	WEST PALM BEACH	FL		12/06/2013			0	0	0	0	0	0	0	5,051	0	0	0
28959	WEST PALM BEACH	FL		12/06/2013			0	0	0	C	00	0	0	5,556	0	0	C
29035	TAMPA	<u>F</u> L		05/01/2014	ļ	4,504,212	0	0	0	·  0	00	0	0	54,971	0	0	0
29083	NAPLES	<u> </u> <u>F</u> L		08/28/2014		3,323,991	<u>0</u>	0	0	<u>0</u>	0  0	0	0	65,794	0	0	ļQ
E2U 17/1																	

					All Mortgage Loans DISF	POSED, Trans										
1	Location		4	5	6 7	-/		e in Book Value			10	14	15	16	17	18
	2	3			Book Valu Recorder Investmer Excluding	I nt Unrealized	9 Current	10 Current Year's Other- Than-	Capitalized	Total Change	13 Total Foreign			Foreign Exchange	Realized	Total
			Loan	Date	Accrued Disposal Interest	Valuation Increase	Year's (Amortization	Temporary ) Impairment	Deferred Interest and	in Book Value	Exchange Change in	Accrued Interest on	Consid-	Gain (Loss) on	Gain (Loss) on	Gain (Loss) on
Loan Number	City	State	Type	Acquired	Date Prior Yea		/Accretion	Recognized	Other	(8+9-10+11)		Disposal	eration	Disposal	Disposal	Disposal
29176	ST. AUGUSTINE	FL		03/30/2015	296,	322	)	)0	0	00	0		3,527	0	0	0
29177	JACKSONVILLE	<u>F</u> L		03/30/2015	549,		)  0	00	0	0	0	0	6,537	0	0	0
29178 29179	JACKSONVILLE	FL		03/30/2015	419, 270,		0	0	0	0	0	0	4,989	0	0	0
29180	JACKSONVILLE	FI		03/30/2015	1,214,		)	0	0	0	0		3,217	0		0
29181	PONTE VEDRA	FL.		03/30/2015			,	0	0	0	0		9,031	0	0	0
29182	JACKSONVILLE	,FL		03/30/2015	747,	310(	)	00	0	00	0	C	8,894	0	0	0
29183	JACKSONVILLE	<u>F</u> L		03/30/2015	274,		)	00	0	00	0		3,269	0	0	0
29184 29185	JACKSONVILLE JACKSONVILLE			03/30/2015			0	00	0	00	0		7,913 6,537	0	0	0
29186	JACKSONVILLE	FI	· · · · · · · · · · · · · · · · · · ·	03/30/2015			)	0	0	0	0		8,429	0	0	0
29187	JACKSONVILLE	FL		03/30/2015	419,		0	0	0	0	0		4,989	0	0	0
29188	JACKSONVILLE	FL		03/30/2015	409,	069	)	00	0	00	0	0	4,868	0	0	0
29189	. JACKSONVILLE	FL		03/30/2015	653,		)	0  0	0	0	0	ļ0	7,783	0	0	0
29190 29191	JACKSONVILLE JACKSONVILLE	FL	- <del> </del>	03/30/2015	370, 340,			0	0	0	0	C	)4,404 )4,058	0	0	0
29192	ST. AUGUSTINE	FL	-	03/30/2015			,	,	n	, )	0		)	0	0	0
29193	JACKSONVILLE	FL.		03/30/2015	517,	180	)	0	0	0	0		6, 159	0	0	0
29194	JACKSONVILLE	FL		03/30/2015	604,		)	00	0	00	0	C	7, 199	0	0	0
29211	. FT LAUDERDALE	FL		12/01/2015	4, 191,		)	00	0	00	0	c	31,570	0	0	0
29212	. MIAMI	FL	·	05/08/2015	4,688,		0	00	0	00	0		)55,389 )14,939	0	0	0
29213 29228	GREENACRES	FLFl		06/24/2015	19,923,		)	)		0	0		63,362	0	0	0
29237	JACKSONVILLE	FL.		08/03/2015	1,549,		0	0	0	0	0	0	19,674	0	0	0
29238	JACKSONVILLE	FL		08/03/2015	4,242,	196	)	0	0	0	0	0	33,324	0	0	0
29273	. CLEARWATER	FL		12/22/2015	2,213,		)	00	0	00	0	0	82,377	0	0	0
29285 29286	. JACKSONVILLE	FL		01/12/2016		176	0	0	0	0	0	0	5,970	0	0	0
29286	JACKSONVILLE JACKSONVILLE			01/12/2016	2,599,		,	,	0	0	0		26,266	0		0
29288	JACKSONVILLE	FL		01/12/2016			0	0	0	0	0	0	)	0	0	0
29289	ST. AUGUSTINE	FL		01/12/2016	1,982,	142(	)	0	0	0	0	0	14,566	0	0	0
29290	JACKSONVILLE	FL		01/12/2016	1,039,		00	00	0	00	0	0	7,641	0	0	0
29291	YULEE	FL		01/12/2016	1,286,			00	0	00	0	0	9,456	0	0	0
29292 29293	JACKSONVILLE	.		01/12/2016			)	)  0	0	)  0	0		)	0	0	0
29294	ORANGE PARK	FL		01/12/2016		987 (	)	0	0	0	0	0	3,343	0	0	0
29295	JACKSONVILLE	FL		01/12/2016	1,023,		)	0	0	0	0		7,522	0	0	0
29296	ST. AUGUSTINE	FL		01/12/2016	825,	176	)	00	0	00	0		6,065	0	0	0
29297	. ST. AUGUSTINE	[ <u>F</u> L		01/12/2016			)   <u>0</u>	)  ō	0	0	0	ļ	24,356	0	ō	0
29298 29299	JACKSONVILLE JACKSONVILLE	FL		01/12/2016 01/12/2016	2,616,		,  0	0	0	0	0	l	)19,222 )6,567	0	0 n	0
29300	ATLANTIC BEACH	FL		01/12/2016	1, 121,		, ) [	,	0	, ) [	0		)	n	n	0
29301	JACKSONVILLE	FL		01/12/2016			)	0	0	0	0		0	0	0	0
29302	JACKSONVILLE	FL		01/12/2016	1,267,		)	00	0	00	0	0	9,313	0	0	0
29303	JACKSONVILLE	FL		01/12/2016	1,007,		)  c	0  0	0	0	0	ļ	7,402	0	0	0
29304 29305	JACKSONVILLE JACKSONVILLE	tL		01/12/2016	519,	ජර  ( වර		0	0	0	0	ļ	3,821	0	0	0
29306	JACKSONVILLE JACKSONVILLE	FL		01/12/2016	3.623.		, ) [	)	0	, ) [	0		26.625	0	n	0
29307	JACKSONVILLE	FL		01/12/2016	1,754,		) [	0	0	0	0		12,894	0	0	0
29308	JACKSONVILLE	FL		01/12/2016	1,689,	9510	)	00	0	00	0	C	12,417	0	0	0
29309	. CALLAHAN	FL	- <b></b>	01/12/2016	601,		)   <u>-</u>	00	0	0	0	<u>_</u>	4,418	0	0	0
29310 29311	JACKSONVILLE			01/12/2016			0	0	0	0	0	ļ0	)10,387 )8,477	0	0	0
29409	SORRENTO	FI	-	01/12/2016	3,093,		,	,	0	)0	n		33,668	0 n	n	0
29417	MELBOURNE	FL.		06/09/2016	1,259,		)	) [0	0	0	0		9,525	0	0	0
29418	MELBOURNE	FL		06/09/2016	1,199,	986	0	0	0	0	0	0	9,079	0	0	0
29421	. MELBOURNE	FL		06/09/2016	1,888,		)  0	00	0	00	0	0	14,288	0	0	0
29428	MELBOURNE	FL	-	06/09/2016	1,750,			)  0	ļ	0	ļ0	ļū	13,246	0	0	ļ0
29438 29441	MELBOURNE	tL		06/09/2016 06/09/2016	1,908, 4,445.				0	0	0		14,437	0	0	0

_			,		All Mortgage Loans DISPO	SED, Transf						T	T	1	T	,
1	Location		4	5	6 7			e in Book Value				14	15	16	17	18
	2	3			Book Value, Recorded Investment Excluding	Unrealized	9 Current	10 Current Year's Other- Than-	11 Capitalized	12 Total Change	13 Total Foreign			Foreign Exchange	Realized	Total
			Loon	Data	Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued	Canaid	Gain	Gain	Gain
Lana Normalian	0.1	01.1	Loan	Date	Disposal Interest	Increase	(Amortization		Interest and		Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Туре	Acquired	Date Prior Year	(Decrease)	/Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
29443 29495	MELBOURNE LAKE WORTH	FL		06/09/2016		0	)  0	0	0	0	0	0	10,865	0	0	0
29534	CORAL GABLES	FI		02/08/2017	22,000,00	)	0	0	0	0	0	0	101,304	0	0	0
29535	JACKSONVILLE BEACH	FL.		03/02/2017	11,759,52		0	0	0	0	0	0	123,654	0	0	0
29634	Daytona Beach	FL		11/02/2017	3,815,95	20	00	0	0	0	0	0	24,427	0	0	0
29668	Naples	FL		12/19/2017	16,325,98		8,015	0	0	8,015	0	0	0	0	0	0
29779	Palmetto	<u>F</u> L		10/16/2018	3,438,98		00	0	0	0	0	0	20,707	0	0	0
29790 29801	Tampa			02/28/2019			0	0	0	0	0	0	53,323	0	0	0
29803	Daytona Beach	FL		01/30/2019	1,966,76		0	0	0	0	0	0		0	0	0
29804	Or lando	FL		01/30/2019	1,278,39		0	0	0	0	0	0	6,752	0	0	0
29805	Or lando	FL		01/30/2019	5,038,96		0	0	0	0	0	0	41, 181	0	0	0
29808	Orlando	FL		01/30/2019	2,806,07		00	0	0	0	0	0	22,933	0	0	0
29921	Or lando	FL		01/16/2020		00	00	0	0	0	0	0	56,464	0	0	0
29946	Or lando	FL	- <del> </del>	01/16/2020		0	0	0	0	0	ļ0	0	11,674	0	<u>0</u>	0
29947 29948	Orlando Orlando			01/16/2020	ļ	0	0	0	0	0	0	0	5,795 21,498	0	0	0
29949	Or lando	FI		01/16/2020		1	)	0	0	0	0	0		0	0	0
29950	Or Lando	FL		01/16/2020		0	0	0	0	0	0	0	12.446	0	0	0
29951	Or lando	FL		01/16/2020		0	0	0	0	0	0	0	22,050	0	0	0
29952	Or Lando	FL		01/16/2020		00	00	0	0	0	0	0	7,755	0	0	0
2881602	DESTIN	FL		02/12/2015			00	0	0	0	0	0	2,351	0	0	0
2881702	DESTIN	FL		02/12/2015	307,20		00	0	0	0	0	0	1,565	0	0	0
27853	DUNWOODY	GA		01/13/2006			0	0	0	0	0	0	21,008	0	0	0
28441 28484	AUGUSTA	GAGA		06/01/2011			)  0	0	0	0	0	0	53,334	0	0	0
28830	ALPHARETTA	GA	· · · · · · · · · · · · · · · · · · ·	10/06/2014	4,285,45	9	0	0	0	0	0	0	45,889	0	0	0
28987	ATLANTA	.GA		12/12/2013	2,305,76		0	0	0	0	0	0	14,224	0	0	0
29122	MILLEDGEVILLE	GA		12/12/2014	9,354,48		00	0	0	0	0	0	95, 157	0	0	0
29135	DULUTH	GA		12/23/2014	2,034,45	10	00	0	0	0	0	0	93,780	0	0	0
29687	Canton	GA		04/13/2018	2,226,34		00	0	0	0	0	0	10,814	0	0	0
29692 29830	Stone Mountain	GAGA		04/13/2018			0	0	0	0	0	0	7,881	0	0	0
29831	Valdosta Marietta	GA		04/30/2019			)  0	0	0	0		0	60,724	0		0
2848402	DUNWOODY	GA		05/31/2012	2,104,40		0	0	0	0	0	0	12,368	0	0	0
28833	HONOLULU	HI		02/26/2013	6,295,61		0	0	0	0	0	0	129,698	0	0	0
29609	Hono I u I u	HI		07/27/2017	45,304,48	30	0	0	0	0	0	0	247,999	0	0	0
28358	CLINTON	IA	-	03/25/2011	61,56		00	0	0	0	0	0	11,397	0	0	0
28872	COUNCIL BLUFFS	IA	- <del> </del>	07/01/2013	6,966,81		0  0	0	0	0	ļ0	0	97, 144	0	<u>0</u>	0
28324 28359	CHICAGO CHICAGO	IL	·	02/14/2011	1,784,32 57,20		0	0	0	0	0	0	63,237 10,591	0	0	0
28360	SCHILLER PARK	II		03/25/2011			,	n	u	n	0	n	14,975	n	n	u
28407	HODGK INS	iL		05/05/2011	9,080,54		0	0	0	0	0	0	41,287	0	0	0
28411	CHICAGO	I <u>L</u>		06/16/2011	3,531,10	30	0	0	0	0	0	0	117,021	0	0	0
28513	AURORA	IL		09/23/2011	1,713,65	0	00	0	0	0	0	0	11,249	0	0	0
28685	CHICAGO	!L	-	03/30/2012	7,767,67	2  0	00	0	0	0	ļ0	0	52,020	0	0	0
28837 28862	CHICAGO	<u> </u>		03/28/2013		0	0	0	0	0	ļ0	0	69, 145 59, 169	0	ļ0	0
28862	WARREN	II		04/04/2013			,0	0	0	0 n	0	0	59, 169	0 n	0 n	0 n
29042	ARLINGTON HEIGHTS	II		05/01/2014	7,275,79		, ) \ \ \ \ \ \	n	U	n	n	n		n	n	n
29047	LISLE	iL		06/19/2014	6,129,00	1 0	0	0	0	0	0	0	50,722	0	0	0
29052	LISLE	IL		06/19/2014	3,349,57	10	0	0	0	0	0	0	27,720	0	0	0
29053	LISLE	IL		06/19/2014	2,807,93		00	0	0	0	0	0	23,238	0	0	0
29054	LISLE	IL	-	06/19/2014	4,817,68		)  0	0	0	0	0	0	39,870	0	0	0
29057	MELROSE	L		07/09/2014			0	0	0	0	0	0	38,964	0	0	0
29583 28316	CHICAGO INDIANAPOLIS	IN		04/20/2017		٥	0	0	0	0	ļ0	0	25,008	0	0	0
28317	INDIANAPOLIS	IN.		12/16/2010			, )	n	n	n	n	n		n	n	n
29079	INDIANAPOLIS	IN		08/01/2014	7,985,58		0	0	0	0	0	0	41,871	0	0	0
29260	FT WAYNE	IN		09/01/2015	3,645,58		0	0	0	0	0	0	18.210	0	0	0

				Showing A	All Mortgage Loa	ans DISPOS	SED, Transf										
1	Location		4	5	6	7			in Book Value				14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment		_	Year's Other-		Total		Investment		Foreign		<b>-</b>
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign	Excluding		Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)		Interest and		Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Type	Acquired	Date	Prior Year	(Decrease)	/Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
29655	Indianapolis	IN		11/15/2017		7,876,544	0	6,241	0	0	6,241	0	0	40,741	0	0	0
28532	LEAWOOD	KS.		01/17/2012		47,242,461	0	0	0	0	0	0	0	296,903	0	0	0
28787 29118	LEAWOOD	KS. KS.	· · · · · · · · · · · · · · · · · · ·	10/25/2012		23,356,312		0	0	0	0	0	0	153, 113	0	0	0
29123	LOUISVILLE	KY		12/12/2014		8, 107, 217	٥١			0 n	n		0	82,470	Λ	0	
29875	Richmond	KY.		10/16/2019		4,298,059	0	0	0	0	0	0	0	37.024	0	0	0
29880	Louisville	KY		10/16/2019		6,025,879	0	0	0	0	0	0	0	42,373	0	0	0
29786	New Orleans	LA		03/04/2019		14,842,164	0	0	0	0	0	0	0	61,134	0	0	0
29893	Kenner	LA		11/01/2019		8,073,936	0	0	0	0	0	0	0	39,743	0	0	0
	DENNIS	MA		01/15/2015		2,776,317	0	0	0	ō	<u>0</u>	0	ō	21,995	0	0	0
2679803 27201	BEVERLY	MA	·	12/19/2012 02/24/2003		11,452,005 . 7,418,994	0	0	0	0	0	0	0	73,568	0	0	0
27651	SILVER SPRINGS	MD MD	·	05/27/2005		1, 110, 051 .	٥	U	0	u	0	0	U	46, 109	U	U	0
27886	JESSUP	MD		03/27/2005		443,820	 0	0	0	0	0	0	0	76,843	0	0	0
28311	BETHESDA	MD.		10/06/2010		7,855,596	0	0		0	0	0	0	48,144	0	0	0
28765	TOWSON	MD		06/27/2012		4,255,018	0	0	0	0	0	0	0	29,452	0	0	0
28769	HUNT VALLEY	MD	.	08/29/2012		1,138,526	0	0	0	0	0	0	0	7,763	0	0	0
28849	SILVER SPRINGS	MD	· · · · · · · · · · · · · · · · · · ·	07/11/2013		24,624,052	0	0	0	0	0	0	0	142,618	0	0	0
29125	GREENBELT	MD	·	01/16/2015		1,609,536	0	0	0	0	0	0	0	18,451	0	0	0
29453 29898	HYATTSVILLE Ellicott City	MDMD		06/24/2016		18,517,639 8,462,819		0	0	0	0	0		197,724	0	0	
2884902	SILVER SPRINGS	MD		06/06/2014		1,095,703	٥١	0	0	0	0	0		5,486	0	0	0
	GRAND RAPIDS	MI		09/21/2005		459,362	0	0	0	0	0	0	0	137,488	0	0	0
	DETROIT	MI		03/25/2011		28,666	0	0	0	0	0	0	0	5,307	0	0	0
28362	STERLING HEIGHTS	MI		03/25/2011		30,894	0	0	0	0	0	0	0	5,720	0	0	0
28373	DETROIT	MI		03/25/2011		52,562	0	0	0	0	0	0	0	9,731	0	0	0
28374	HIGHLAND PARK	M!		03/25/2011		51,650 8.064,949	0	0	0	0	0	0	0	9,563	0	0	0
28984 29034	ANN ARBOR	MI		12/18/2013		8,064,949 . 5,751,346 .		0	0	0	0	0	0		0	0	0
29523	ANN ARBOR	MI		03/01/2014		12,600,000	٥١	0	0	0	0	0	0		0	0	
28485	INVER GROVE HEIGHTS	MN		11/16/2011		4,418,395	0	0	0	0	0	0	0	41,854	0	0	0
28506	EAGAN	MN		09/23/2011		3,891,113	0	0	0	0	0	0	0	25,543	0	0	0
28773	SHAKOPEE	MN		08/29/2012		3, 151,867	0	0	0	0	0	0	0	21,492	0	0	0
28799	ST PAUL	MN		10/30/2012		5,958,288	0	0	0	0	0	0	0	41,634	0	0	0
29099 29459	MINNETONKA CIRCLE PINES			11/03/2014		5,437,299 3,752,636	0	0	0	0	0	0	0	31,611	0	0	0
29459	MINNEAPOLIS	MN.		01/03/2017		3,752,636	٥	0	0	0	0	0	0		0	0	0
29632	Woodbury	MN	·	10/12/2017		36,939,305	 n	43,790	n	n	43,790	n	n		n	n	n
29705	Saint Paul			04/20/2018		31,849,807	0	0		0	0	0	0	191,650	0	0	0
29885	Sartell	MN		11/01/2019		6,231,781	0	0	0	0	0	0	0	55,435	0	0	0
	ST PAUL	MN	.	12/20/2001		144,671	0	0	0	0	0	0	0	20,944	0	0	0
28363	SPRINGFIELD	M0	·	03/25/2011		65,504	0	0	0	0	0	0	0	12, 128	0	0	0
28028 28409	NAGS HEAD WILMINGTON	NCNC.	·	12/27/2006 08/01/2011		1,184,881 . 6,851,933 .	0	0	0	0	0	0	0	34,412	0	0	0
28924	CEDAR POINT	NC	·	04/01/2014		2,084,030	 n	n	n	0 n	n	n	n	17,744	n	n	n
28925	NEWPORT	NC.		04/01/2014		5,773,787	0	0	0	0	0	0	0	49, 159	0	0	0
28974	RALE I GH	NC		11/25/2013		3,998,372	0	0	0	0	0	0	0	21,287	0	0	0
29002	CHARLOTTE	NC		03/06/2014		4,825,330	0	0	0	0	0	0	0	60,064	0	0	0
29236	ASHEVILLE	NC	· <del> </del>	07/09/2015		5,907,512	0	0	0	0	0	0	0	69,485	0	0	0
29259	ASHEVILLE	NC	· <del> </del>	10/28/2015		3,010,933	0	ļ0	ļ	0	ļ0	ļ0	ļ0	33,244	ō	0	ļ0
29454 29455	CHARLOTTE	NCNC		07/06/2016		5,497,497 1,467,079	0	0	0	0	0	0	0	29,718	0	0	0
29455	Wilmington	NC.		10/05/2016		1,467,079 .	 n	0 n	n	0 n	n	0	0		0 n	0 n	n
29753	Candler	NCNC.		08/31/2018		12,990,763	n	n		o	n	0	n	175,371	n	n	0
29857	Lincolnton	NC		09/25/2019		4,420,503	0	0	0	0	0	0	0	37,411	0	0	0
29940	Graham	NC		02/25/2020		0	0	0	0	0	0	0	0	57, 136	0	0	0
29941	Graham	NC		02/25/2020		0	0	0	0	0	0	0	0	63,871	0	0	0
29953	Greensboro	NC	· <del> </del>	03/06/2020		0	0	0	0	<u>0</u>	ļ0	0	<u>0</u>	34,219	<u>0</u>	0	0
2802802	NAGS HEAD	NC		06/03/2014		397,541 .	0	0	0	0	0	0	0	11,546	0	0	0

				Showing /	All Mortgage Loa	ans DISPOS	SED, Transf										
1	Location		4	5	6	7			in Book Value	e/Recorded Inv			14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment		_	Year's Other-		Total		Investment		Foreign		
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign			Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)		Interest and		Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Type	Acquired	Date	Prior Year	(Decrease)	/Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
27220	LAVISTA	NE		03/28/2003		2,300,372 3,271,957	0	0	0	0	0	0	0	158,364	0	0	0
29001	ELKHORN	NE		02/21/2014		3,271,957	0	0	0	0	0	0	0	47,954	0	0	0
27236 27698	CINNAMINSON	NJ NJ	·	04/09/2003		10,796,845	0	0	0	0	0	0	0	102,510	0	0	0
27892	MADISON	NJ.		07/20/2005		3,607,705	٥	0	0	0	0		0	141,844	0	0	0
28866	MORR I SON	NJ.		05/08/2013		5,351,742	0	0	0	0	0	0	0	94,404	0	0	0
29043	BURLINGTON	.NJ		07/01/2014		7,661,262	0	0	0	0	0	0	0	44, 181	0	0	0
29120	KINNELON	NJ		12/15/2014		4,024,642	0	0	0	0	0	0	0	16,147	0	0	0
29131	WYCKOFF	NJ		12/15/2014		3,023,713	0	0	0	0	0	0	0	12, 131	0	0	0
29133	MIDLAND PARK	NJ		12/15/2014		7,616,827	0	0	0	0	0	0	0	30,559	0	0	0
29134 29497	POMPTON LAKES	NJ NJ	· <del> </del>	12/15/2014		7, 194,833	0	0	0	0	0	0	0	28,866 .44,281	0	0	0
2949/	HOBOKEN		·	02/15/2017		5,841,157 4,820,786		0	0	0	0	0		44,281	0	0	0
29542	HOBOKEN	NJ		02/27/2017		6,674,935	 n	n	n	n	n	n	n	50,663	n	n	n
29543	HOBOKEN	NJ.		02/27/2017		11,588,429	0	0	0	0	0	0	0	87,957	0	0	0
29544	HOBOKEN	NJ		02/27/2017		10,754,062	0	0	0	0	0	0	0	81,624	0	0	0
29545	HOBOKEN	NJ		02/27/2017		7,416,594	0	0	0	0	0	0	0	56,292	0	0	0
29658	New Milford	NJ		12/14/2017		13,688,244	0	0	0	0	0	0	0	70,125	0	0	0
29688	Lyndhurst	NJ		04/13/2018		3,207,416	0	0	0	0	0	0	0	15,579	0	0	0
29690 29810	Lyndhurst	NJ NJ		04/13/2018		603,745	0	0	0	0	0	0	0	2,933 16,528	0	0	0
2881103	LivingstonWESTFIELD	NJ		03/27/2019		935, 196	٥٥	0	0	0	0		0	5,991	0	0	0
29877	Albuquerque	NM		11/27/2019		3,315,000	00	0	0	0	0	0	0	16,441	0	0	0
29917	Albuquerque	NM.		11/27/2019		5,559,000	0	0	0	0	0	0	0	27,570	0	0	0
29918	Albuquerque	NM.		11/27/2019		1,938,000	0	0	0	0	0	0	0	9,612	0	0	0
29919	Albuquerque	NM		11/27/2019		2,958,000	0	0	0	0	0	0	0	14,670	0	0	0
10202126	ALBUQUERQUE		· · · · · · · · · · · · · · · · · · ·	10/29/2002		507,452	0	0	0	0	0	0	0	44,212	0	0	0
28391	LAS VEGAS	NV	·	03/30/2011		7,827,313	0	0	0	0	0	0	0	71,267	0	0	0
28855 28856	LAS VEGAS	NV		03/22/2013		4,344,887	٥٥	0	0	0	0	0	0	22,773	0	0	0
29033	LAS VEGAS	NV		06/05/2014		2,582,695	00	0	0	0	0	0	0	21,813	0	0	0
29676	Las Vegas	NV		01/31/2018		4,766,427	0	0	0	0	0	0	0	33,363	0	0	0
28705	SCARSDALE	NY		12/27/2012		249,031	0	0	0	0	0	0	0	82,429	0	0	0
28868	NEW YORK	NY		05/02/2013		5,824,406	0	0	0	0	0	0	0	28,571	0	0	0
28869	NEW YORK	NY		05/02/2013		3,393,848	0	0	0	0	0	0	0	16,648	0	0	0
28871 28882	NEW YORK	NYNY		05/09/201305/10/2013		20,498,58634,995,941		0	0	0	0	0	0	120,031 78,164	0	0	0
28914	RYE	NY	·	08/27/2013		2,247,063	 n	n	n	n	n	n	n			n	n
28915	RYE	NY		08/27/2013		3,054,652	0	0	0	0	0	0	0	14,408	0	0	0
28916	RYE	NY		08/27/2013		10,519,397	0	0	0	0	0	0	0	49,616		0	0
28953	Cohoes	NY		12/06/2013		1, 192, 787	0	0	0	0	0	0	0	15, 153	0	0	0
28981	RIVERHEAD	NY	·	02/19/2014		4,266,710	0	0	0	0	0	0	0	24,364	0	0	0
29003 29014	NEW YORK	NYNY		05/12/2014		9,602,850 10,562,057	0	0	ļ0	0	0	0	0		0	0	0
29073	BROOKLYN CENTER			05/08/2014		26,648,256	 n	0 n	0 n	0 n	u	0 n	0 n	53,546		U	0 n
29225	NEW YORK	NY		05/15/2015		13,334,659	 0	0	0	0	0	0	0	82,906	0 N	0	0
29405	LAKEWOOD	NY		05/16/2016		7,065,460	0	757	0	0	757	0	0	73,799	0	0	0
29498	NEW YORK	NY		11/29/2016		13,981,045	0	0	0	0	0	0	0	81,413	0	0	0
29499	NEW YORK	NY	.	11/29/2016		5, 160, 788	0	0	0	0	0	0	0	30,052	0	0	0
29613	New York	NY		08/28/2017		12,365,712	0	11,713	0	0	11,713	0	0	0	0	0	0
27695 28364	COLUMBUS	OHOH.		07/08/2005		1,273,202	0	0	0	0	0	0	0	48,708	0	0	0
28365	DAYTON	UH.		03/25/2011		59,415	 n	0 n	0 n	0 n	u	0 n	0 n	12,6/5		U	0 n
28366	DAYTON	OH		03/25/2011		73,584	n	n	n	o	0	0	o	13,624	0	n	
28367	KETTERING	OH.		03/25/2011		52, 108	0	0	0	0	0	0	0	9,647	0	0	0
28368	TOLEDO	OH		03/25/2011		70,452	0	0	0	0	0	0	0	13,044	0	0	0
28375	TOLEDO	OH		03/25/2011		66,066	0	0	0	0	0	0	0	12,232	0	0	0
28508	GLENWILLOW	OH	· <del> </del>	09/23/2011		2,874,694	0	0	ļ0	ļō	J0	ļ0	ļ0	18,871	ļ0	0	0
28510	GLENWILLOW	OH		09/23/2011		1,683,200	0	0	0	0	0	0	0	11,049	0	0	0

				Showing /	All Mortgage Loa	ans DISPOS	SED, Transf										
1	Location		4	5	6	7			e in Book Value	e/Recorded Inv			14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment		_	Year's Other-		Total		Investment		Foreign		<b>-</b>
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign	Excluding		Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)		Interest and		Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Type	Acquired	Date	Prior Year	(Decrease)	/Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
28860	CLEVELAND	OH		03/08/2013		8,484,202	0	0	0	0	0	0	0	102,577	0	0	0
28961	CINCINNATI	OH		12/06/2013		437,355	0	0	0	0	0	0	0	5,556	0	0	0
28995 29242	BEACHNOOD	OHOHOH		02/20/2014		1,362,883	0	0	0	0	0	0	0	11,764	0	0	0
29406	SPRINGDALE	OH		03/29/2016		4,565,279	٥١			0	354	0	0	22,251	٥	0	0 n
29532	COLUMBUS	OH.		03/30/2017		18,500,000	0	0	0	0	0	0	0	59.339	0	0	0
29820	Cincinnati	OH.		03/28/2019		3, 182, 125	0	0	0	0	0	0	0	26,275	0	0	0
27654	PORTLAND	0R		07/13/2005		1,058,349	0	0	0	0	0	0	0	40,352	0	0	0
28490	PORTLAND	OR		08/11/2011		9,945,259	0	0	0	0	0	0	0	316,847	0	0	0
28919	EUGENE	OR		08/13/2013		741,021	0	0	0	0	<u>0</u>	ļ0	0	12,115	0	0	<u>0</u>
28972 29829	PORTLAND Portland	OROR		11/06/2013 04/08/2019		5,409,154 22,202,272	0	0	0	0	0	0	0	23, 139 131, 273	0	0	0
2843506	GRESHAM	OR	-	05/18/2011		2,202,272	٥	n	0	U		0	n			U	U
27181	CENTER TOWNSHIP	PA		12/20/2002		1,241,071	0	0	0	0	0	0	0	29,551	0	0	0
27182	CENTER TOWNSHIP	PA		12/20/2002		1,241,071	0	0	0	0	0	0	0	29,551		0	0
27183	CENTER TOWNSHIP	PA	ļ	12/20/2002		5,688,241	0	0	0	0	0	0	0	135,443	0	0	0
27507	WILLOW GROVE	PA		04/29/2005		3,044,065	0	0	0	0	0	0	0	123,915	0	0	0
27844	GROVE CITY	PA		01/06/2006		195,292	0	0	0	0	0	0	0	41,352	0	0	0
27876 28716	WILLOW GROVE	PAPA		09/29/2006		1,738,702 2,982,366		0	0	0	0	0	0	53,606	0	0	0
28900	HORSHAM	PA		10/02/2012 06/28/2013		6,883,400	٥٥		0	0	0			136,865	0	0	
28978	SOUTH PARK	PA PA		05/01/2014		2,843,462	00	0	0	0	0	0	0	34,318	0	0	0
28979	NEW CASTLE	.PA		12/09/2013		2,535,370	0	0	0	0	0	0	0	57,190	0	0	0
29046	ALLENTOWN	PA.		09/11/2014		14,486,332	0	0	0	0	0	0	0	116,249	0	0	0
29149	MECHANI CSBURG	PA		02/02/2015		709,522	0	0	0	0	0	0	0	11,631	0	0	0
29150	MECHANI CSBURG	PA		02/02/2015		1,026,739	0	0	0	0	0	0	0	16,831	0	0	0
29151 29152	LANCASTER LANCASTER	PA		02/02/2015		542,563 634,385	0	0	0	0	0	0	0		0	0	0
29153	CAMP HILL	PA		02/02/2015		699,076	٥٥		0	0	0	0		11,460	0	0	0
29156	CAMP HILL	PA PA		02/02/2015		262,939	00	0	0	0	0	0	0	4,310	0	0	0
29415	FOLCROFT	PA		06/09/2016		8,525,804	0	0	0	0	0	0	0	64,504	0	0	0
29416	SHARON HILL	PA		06/09/2016		6,688,448	0	0	0	0	0	0	0	50,603	0	0	0
29419	SHARON HILL	PA		06/09/2016		4,308,148	0	0	0	0	0	0	0	32,594	0	0	0
29420	CHADDS FORD	PA		06/09/2016		5,429,446	0	0	0	0	0	0	0	41,078	0	0	0
29422 29423	CHADDS FORD	PAPA		06/09/2016		2,769,804 5,586,821		0	0	0	0	0	0	20,956	0	0	0
29424	FOLCROFT	PA		06/09/2016		2,399,972	 0		0	0	0	0		18.158	0	0	0
29425	CHADDS FORD	PA.	L	06/09/2016		3,580,287	0	n		o	n	0	n	27,087	0	n	
29426	FOLCROFT	PA		06/09/2016		2, 124, 566	0	0	0	0	0	0	0	16,074	0	0	0
29427	CHADDS FORD	PA		06/09/2016		3,501,599	0	0	0	0	0	0	0	26,492	0	0	0
29429	SHARON HILL	PA		06/09/2016		2,596,692	0	0	0	0	0	ļ0	0	19,646	0	0	0
29430 29431	FOLCROFTSHARON HILL	PAPA		06/09/2016		2,793,411	0	0	0	0	0	<u>0</u>	ļ0	21, 134	0	0	0
29431	MEDIA			06/09/2016		2,478,660	0 n	0	0	0	0 n		0	18,753	0	0	0 n
29433	CHADDS FORD	PA		06/09/2016		2,478,660	0	0	0	0	0	0	0	18,753	0	0	0
29434	FOLCROFT	PA		06/09/2016		491,798	0	0	0	0	0	0	0	3,721		0	0
29435	SHARON HILL	PA		06/09/2016		1,790,143	0	0	0	0	0	0	0	13,544	0	0	0
29436	SHARON HILL	PA		06/09/2016		4,485,195	0	0	0	0	0	0	0	33,934	0	0	0
29437	SHARON HILL	PA		06/09/2016		9, 167, 108	0	0	0	0	J0	ļ0	0	69,356	0	0	ļ0
29439 29440	SHARON HILL	PAPA		06/09/2016		2,006,535	0	0	0	0	0	0	0	15, 181	0	0	0
29442	SHARON HILL	PA PA		06/09/2016		4,603,226	 n	n	n	0 n	n	n	n		0 n	0 n	0 n
29444	CHADDS FORD	PA		06/09/2016		10,465,454	0	0	0	0	0	0	0	79, 179	0	0	0
29445	CHADDS FORD	PA		06/09/2016		6,468,123	0	0	0	0	0	0	0	48,936		0	0
29522	CRANBERRY TOWNSHIP	PA		01/19/2017		7,647,302	0	0	0	0	0	0	0	80,435	0	0	0
29524	EAST UNION TOWNSHIP	PA		12/16/2016		50,004,789	0	0	0	0	0	0	0	847,557	0	0	0
29537	JENKINS TOWNSHIP	PA		01/25/2017		68,768,614	0	0	0	0	J0	J0	0	1, 155, 863	0	0	ļ0
29538	PITTSTON TOWNSHIP	PAPA		01/25/2017		61,815,438	0	0	0	0	0	0	0	1,038,994	0	0	0
29539	HANOVER	PAPA		01/25/2017		63 850 514	 n			0	J0	10		1 073 200	0		l

				Showing /	All Mortgage L	oans DISPO	SED, Transf										
1	Location		4	5	6	7			e in Book Value				14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment		_	Year's Other-		Total		Investment		Foreign		<b>-</b>
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign			Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)		Interest and			Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Type	Acquired	Date	Prior Year	(Decrease)	/Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
29664	Hazleton	PA		01/11/2018		38,396,049	0	0	0	0	00	0	0	572,791	0	0	0
29755	Warrington	PA		09/27/2018		7,239,194	0	0	0	0	00	0	0	88,402	0	0	0
2750702 27613	WILLOW GROVE	PA		06/28/2007		297,856 1,227,030	0	0	0	0	0	0	0	11,977	0	0	0
28923	SPARTANBURG	SC		08/23/2013		1,002,257	٥	n		o	0	0	0	13,659	٥		
29451	MYRTLE BEACH	SC		07/01/2016		2,740,819	0	0	0	0	0	0	0	20.552	0	0	0
29689	Rock Hill	.SC		02/21/2018		3,298,118	0	0	0	0	00	0	0	30,404	0	0	0
29691	Myrtle Beach	SC		04/13/2018		3,848,949	0	0	0	0	00	0	0	18,695	0	0	0
29695	Myrtle Beach	SC	-	04/13/2018		413,211	0	0	0	0	0	0	0	2,007	0	0	0
29697	Greenville	SC		04/13/2018		3,962,128	0	ļ0	0	ļ	0	ļ0	ō	19,245	0	ļ0	0
29836 29867	Lake Wylie	SCSC.		06/25/2019 10/29/2019		4,447,665 5,484,527	0		0	0	0	0	0	32, 178	0	0	0
29904	Charleston	SC SC	-	01/02/2020	<u> </u>	ე,484,52/	۰۵	ļ0	u	u	,   <sup>0</sup>		U			U	0
28489	CHATTANOOGA	TN.		08/31/2011		5,545,357	0 0	0	0	0	0	0	0	35,960	0 0	0	0
27099	FRIENDSWOOD	TX.		05/16/2002		3,617,844	0	0	0	0	00	0	0	93,550		0	0
27776	EL PASO	TX		10/07/2005		164,972	0	0	0	0	0	0	0	44,787	0	0	0
27833	HOUSTON	TX	.	09/29/2006		92,963	0	0	0	0	0	0	0	7,703	0	0	0
27836	HOUSTON	<u>TX</u>		09/29/2006		814, 145	0	0	0	0	0	0	0	67,458	0	0	0
27889 27897	SAN ANTONIO	TXTX		04/28/2006		621,495 576,479	0	0	0	0	00	0	0	107,577	0	0	0
27918	HOUSTON	TX		08/14/2006			٥		0		0			73,533	0	0	0
27957	SAN ANTONIO	TX		07/03/2007		1,023,728	٥٥	0		0	0	0		63,380	0	0	0
27984	PLANO	TX		10/19/2006		1,380,867	0	0	0	0	0	0	0	40,772	0	0	0
28004	LAREDO	TX		11/10/2006		5,352,216	0	0	0	0	00	0	0	76,385	0	0	0
28117	EL PASO	TX		08/27/2007		114,040	0	0	0	0	00	0	0	9,775	0	0	0
28118	EL PASO	<u>TX</u>		09/27/2007		187,554	0	0	0	0	0	0	0	15,565	0	0	0
28119 28120	EL PASO	TX		09/27/2007		135,455 358,175	0	0	0	0	00	0	0	11,242	0	0	0
28121	EL PASO	TV		09/27/2007		144,573	٥٥	0	0	0	0	0		11,998	0	0	0
28122	EL PASO	TX		09/17/2007		136,758	0	0	0	0	0	0	0	11,350	0	0	0
28123	EL PASO	TX.		09/27/2007		213,602	0	0	0	0	00	0	0	17,727	0	0	0
28124	EL PASO	TX		09/17/2007		264,398	0	0	0	0	0	0	0	21,943	0	0	0
28125	EL PASO	TX		09/27/2007		158,899	0	0	0	0	00	0	0	13, 187	0	0	0
28126	EL PASO	<u>T</u> X		08/27/2007		167,258	0	0	0	0	0	0	0	14,337	0	0	0
28127 28128	EL PASO	TXTX	· · · · · · · · · · · · · · · · · · ·	08/27/2007 08/27/2007		192,601 204,005	0	0	0	0	0	0	0	16,509	0	0	0
28129	EL PASO	TX		08/27/2007		263,096		0	0	0	0	0		21,835	0	0	0
28148	HOUSTON	TX		10/09/2007		1,014,843	0	0	0	0	0	0	0	55,701	0	0	0
28369	DALLAS	TX		03/25/2011		74,652	0	0	0	0	0	0	0	13,821	0	0	0
28370	GRANBURY	TX		03/25/2011		70,805	0	0	0	0	0	0	0	13, 109	0	0	0
28371	SAN ANTONIO	TX	.	03/25/2011		82,762	0	0	0	0	00	ļ0	0	15,323	0	0	0
28514 28515	PLANO HOUSTON	TX	-	09/23/2011	}	4,284,032	0	ļ0	0	0	0		0	28, 123	0	ļ0	0
28763	AUSTIN	TX		09/23/2011			0 n	n	0 n	n	,u	n	0	104,008	0 n	n	0
28770	DALLAS	TX.		08/29/2012		7,362,941	0	0	0	0	0	0	0	50,206	0	0	0
28854	IRVING	TX		03/22/2013		3,861,841	0	0	0	0	00	0	0	20,405		0	0
28858	HOUSTON	TX		02/27/2013		3,529,102	0	0	0	0	0	0	0	49,555	0	0	0
28886	KATY	TX		06/05/2013		3,896,757	0	0	0	0	0	0	0	260,632	0	0	0
28960	VICTORIA	TX	-	12/06/2013	<b></b>	596,394	0	ļ0	0	ļ0	0	ļ0	0		0	0	0
29017 29056	SAN ANTONIO	TXTX		07/02/2014 06/13/2014		2,700,501 1,420,160	0		0	0	0	0	0	15,906	0	0	0
29058	ARLINGTON	TX	-	06/13/2014		1,420,160	o	n	0 n	n	n	n	n	9,779	0 n	n	n
29059	RICHARDSON	TX		06/13/2014		3,296,675	0	0	0	0	0	0	0	24,903	0	0	0
29060	HOUSTON	TX	- [	06/13/2014		2,151,373	0	0	0	0	0	0	0	14,814		0	0
29130	HOUSTON	TX		12/09/2014		6,272,711	0	0	0	0	0	0	0	31,219	0	0	0
29145	WESLACO	<u>TX</u>		01/15/2015		1,779,691	0	0	0	0	0	0	0	14,099	0	0	0
29166	LUFKIN	TX		04/29/2015		1,479,844	0	ļ <u>0</u>	0	ļ0	·  0	ļ0	0	13,736	0	0	0
29169 29246	WACO	TXTX	-	04/29/2015	<u> </u>	634,219	0	ļ0	ļ0	0	0		ļ0	5,887	ļ0	ļ0	0
29246	SUCCEDENT			08/03/2015		8,558,060	٠٥	10	0	0	0		0	259 510	0	0	

					All Mortgage Lo		SED, Transf							<del></del>			
1	Location		4	5	6	7			e in Book Value			1	. 14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment		_	Year's Other-		Total		Investment		Foreign		<b>-</b>
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign			Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)		Interest and			Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Type	Acquired	Date	Prior Year	(Decrease)	/Accretion	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
29274	WOODLANDS			12/17/2015		499,624	0	0	0	0	0	0	0	3,798 5,864	0	0	0
29276	WOODLANDS	<u>TX</u>		12/17/2015		771,480	0	0	0	0	0	0	0	5,864	0	0	0
29277 29278	CONROE WOODLANDS	TXTX		12/17/2015		1,160,890 631,888	0	0	0	0	0	0	0	8,825 4,803	0	0	0
29279	SPRING	ТХ		12/17/2015		426,143	٥٥		0	0	0	0	0		0	0	0
29280	WOODLANDS	TX.		12/17/2015		1,241,711	0	0	0	0	0	0	0	9,439	0	0	0
29282	COPPELL	TX		12/17/2015		352,677	0	0	0	0	0	0	0	2,681	0	0	0
29283	SPRING			12/17/2015		235, 108	0	0	0	0	0	0	0	1,787	0	0	0
29284	MANSFIELD	TX		12/17/2015		499,637	0	0	0	0	0	0	0	3,798	0	0	0
29325	SAN ANTONIO	TX		09/01/2016		2,354,093	0	0	0	0	0	0	0	12, 186	0	0	0
29501 29617	SAN ANTONIO	TX	· · · · · · · · · · · · · · · · · · ·	01/03/201708/30/2017		8,346,738 494,552	0	0	0	0	0	0	0	61,568 4,590	0	0	0
29626	Dallas	TX		11/29/2017		6,636,110	٥٠	5, 198	u	0				4,590 n		U	U
29627	Farmers Branch	TX		11/29/2017		12,644,706	0	9,904	0	0	9,904		0	0	0	0	0
29628	Arlington	TX		11/29/2017		5,290,594	0	4, 144	0	0	4, 144	0	0			0	0
29629	Grand Prairie	TX		11/29/2017		5,919,092	0	4,636	0	0	4,636	0	0	0	0	0	0
29645	Baytown	TX		12/07/2017		41,301,261	0	0	0	0	0	0	0	525,529	0	0	0
29656	Dallas	TX	· · · · · · · · · · · · · · · · · · ·	11/17/2017		12,226,464	0	11,992	0	0	11,992	0	0	0	0	0	0
29748 29794	ROCKWALL College Station	TXTX	· · · · · · · · · · · · · · · · · · ·	07/18/2018		978,630 3,055,608	0	0	0	0	0	0	0	4,202	0	0	0
29876	Woodlands	TX		10/29/2019		5,323,648	٥٥		0		0		0		0	0	
29879	Baytown	ТХ		11/06/2019		32,500,000	0۱	0		0	0	0	0	359,330	0	0	0
29937	Amarillo	TX		02/25/2020		0	0	0	0	0	0	0	0	23,676	0	0	0
2800402	LAREDO	TX		05/29/2008		5,514,981	0	0	0	0	0	0	0	62,534	0	0	0
2885802	HOUSTON	TX		02/04/2016		1,752,717	0	0	0	0	0		0	22,960	0	0	0
2965602	DALLAS	TX		05/04/2018		655,970	0	11	0	0	11	0	0	0	0	0	0
28782 28800	OREM	UT	· · · · · · · · · · · · · · · · · · ·	10/04/201212/04/2012		5,004,153 7,603,102	0	0	0	0	0	0	0	47,366	0	0	0
28917	ST GEORGE	UIUI	·	07/31/2013			٥٥		0	0	0	0	0	6, 133	0	0	0
28930	SANDY	IП		07/31/2013		149,419	00	0	0	0	0	0	0	1,333	0	0	0
28937	DRAPER	ÜT		10/28/2014		6, 160, 609	0	304	0	0	304	0	0	27,782	0	0	0
29264	DRAPER	UT		01/14/2016		7,711,223	0	0	0	0	0	0	0	27,792	0	0	0
29348	OREM	UT		01/22/2016		3,072,565	0	0	0	0	0	0	0	16,322	0	0	0
29366	SALT LAKE CITY	UT	·	01/28/2016		12,596,081	0	0	0	0	0	0	0	136,911	0	0	0
29408 29456	RIVERTON			09/27/2016 08/03/2016		4,057,500 3,785,404	٥٥	0	0	0	0	0	0	20,768	0	0	0
29457	LINDON	IIT	· · · · · · · · · · · · · · · · · · ·	12/20/2016		1,606,223	٥٥	0	0	0	0	0	0	53.947	0	0	0
29496	MURRAY	UT		11/09/2016		10,693,881	0	0	0	0	0	0	0	116,247	0	0	0
29546	SALT LAKE CITY	UT		03/01/2017		7,709,357	0	0	0	0	0	0	0	58,870	0	0	0
29778	West Valley City	UT		10/16/2018		873,501	0	0	0	0	0	0	0	5,260	0	0	0
2954602	Salt Lake City	UT		05/01/2017		7, 150, 154	0	ļ0	0	ļ0	ļ0	ļ0	0	54,270	0	0	ļ0
28741 28876	MC LEAN	VAVA		06/01/2012 05/08/2013		5,560,022 9,386,896	0	0	0	0	0	0	0	53,400	0	0	0
28952	HAMPTON			12/06/2013			 n	n	0 n	n	n	n	0 n		0 n	0 n	0 n
28962	FAIRFAX	VAVA.		12/06/2013		2, 186, 777		0	0	0	0	0	0	27,781	0	0	0
29105	ARLINGTON HEIGHTS	VA		10/01/2014		5, 198, 429	0	0	0	0	0	0	0	26,429	0	0	0
29492	CHANTILLY			11/09/2016		6,905,965	0	0	0	0	0	0	0	39,433	0	0	0
29685	Urbanna			02/15/2018		11,230,749	ō	0	0	0	0	ļ0	0	97,723	<u>0</u>	0	0
29686 29696	Topping	VA	·	02/15/2018		6,738,450 528,292	0	ļ0	0	0	0		0	58,634	0	0	0
29696	Virginia Beach SEATTLE			04/13/2018		14,786,165	0 ^	0	0	0 n	0		0	2,566	0	0	0 n
28990	BELLEVUE	WA		09/10/2014		2,009,547	0	0	0	0	0	0	0		0 N	0	0
29231	SEATTLE	WA		12/22/2016		38,000,459		(27	)	0	(27	0	0	0	0	0	0
29410	EDMONDS	WA		07/28/2016		2,341,873	0	0	0	0	0	0	0	12,814	0	0	0
29411	EDMONDS			07/28/2016		2,541,235	0	0	0	0	0	0	0	14,417	0	0	0
29412	LYNWOOD			06/28/2016		5, 140, 549	0	0	0	0	0	0	0	28,439	0	0	0
29414 29657	EDMONDS			06/28/2016		7,922,875	0	0	0	0	0	·0	0	45,438	0	0	0
29657	Olympia	WAWA		12/01/201705/30/2018		5,775,138 4,549,230	0		0	0	0	0	0	29,586	0	0	0
29726	Rellingham	WAWA		05/30/2018		3 411 923	٥٥	0	0	0 n		1		15 /10			o

## **SCHEDULE B - PART 3**

Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Quarter

1	Location		4	5	6	7		Change	in Book Value	Recorded Inv	estment		14	15	16	17	18
	2	3				Book Value/	8	9	10	11	12	13	Book Value/				
						Recorded			Current				Recorded				
						Investment			Year's Other-		Total		Investment		Foreign		
						Excluding	Unrealized	Current	Than-	Capitalized	Change	Total Foreign	Excluding		Exchange	Realized	Total
						Accrued	Valuation	Year's	Temporary	Deferred	in	Exchange	Accrued		Gain	Gain	Gain
			Loan	Date	Disposal	Interest	Increase	(Amortization)	Impairment	Interest and	Book Value	Change in	Interest on	Consid-	(Loss) on	(Loss) on	(Loss) on
Loan Number	City	State	Type	Acquired	Date	Prior Year	(Decrease)	`/Accretion ´	Recognized	Other	(8+9-10+11)	Book Value	Disposal	eration	Disposal	Disposal	Disposal
29828	Bellingham	WA		03/28/2019		4,708,805	0	0	0	0	0	0	0	20,926	0	0	0
29837	Seattle	WA		06/26/2019		5,559,100	0	0	0	0	0	0	0	25, 113	0	0	0
2843706	KENT	WA		05/18/2011		2,353,565	0	0	0	0	0	0	0	7,364	0	0	0
28509	NEW BERLIN	WI		09/23/2011		668,584	0	0	0	0	0	0	0	4,389	0	0	0
28772	NEW BERLIN	WI		08/29/2012		1, 182,500	0	0	0	0	0	0	0	8,063	0	0	0
28798	HOWARD	WI		11/15/2012		4, 109, 214	0	0	0	0	0	0	0	37,707	0	0	0
29072	HOWARD	WI		07/28/2014		2,221,096	0	0	0	0	0	0	0	17,490	0	0	0
29121	MILWAUKEE	WI		02/20/2015		40,424,856	0	0	0	0	0	0	0	473,937	0	0	0
29318	WAUKESHA	WI		02/11/2016		5,614,098	0	0	0	0	0	0	0	42,673	0	0	0
29797	Franklin	WI		12/19/2018		980,974	0	0	0	0	0	0	0	5,408	0	0	0
0299999. Mortgages with	n partial repayments					3,686,403,395	0	107,037	0	0	107,037	0	0	37,987,643	0	0	0
0599999 - Totals						3,759,196,948	0	107,037	0	0	107,037	0	73, 167, 271	111,303,079	0	0	0

		Showing Othe	r Long-Tern	n Invested Assets ACQUIRED AND AD	DITIONS MAD	E During th	e Current	Quarter				
1	2	Location		5	6	7	8	9	10	11	12	13
		3	4		NAIC							
					Designation							
					and						Commitment	
					Admini-	Date	Туре	Actual Cost	Additional		for	
CUSIP				Name of Vendor	strative	Originally	and	at Time of	Investment Made	_ Amount of	Additional	Percentage of
Identification	Name or Description	City	State	or General Partner	Symbo	Acquired	Strategy	Acquisition	After Acquisition	Encumbrances	Investment	Ownership
000000-00-0	VOYA COMM MORTGAGE LENDING FUND LP	WILMINGTON	DE	VOYA COMM MORTGAGE LENDING FUND LP		10/15/2019		0	2,396,654	0	0	4.774
	Registered Private Funds - Mortgage Loans - Unaffiliat			T				0	2,396,654	0	0	XXX
000000-00-0	APOLLO HYBRID VALUE FUND LP	WILMINGTON	DE	APOLLO HYBRID VALUE FUND LP		03/29/2019	33	Ω	1,355,276		3,345,687	0.452
000000-00-0 000000-00-0	BAYVIEW OPPORTUNITY FUND V	WILMINGTON WILMINGTON	DE DE	BAYVIEW OPPORTUNITY FUND V		03/15/2019	10		353,244 1,358,694		4,877,858 1,877,323	0.056 0.488
000000-00-0	BROOKFIELD INFRASTRUCTURE FUND IV	WILMINGTON	DE	BROOKFIELD INFRASTRUCTURE FUND IV		09/13/2019	10	 0	52,676		4,584,194	0.038
000000-00-0	BRYNWOOD PARTNERS VIII LP	WILMINGTON	DE.	BRYNWOOD PARTNERS VIII LP		04/20/2018	3	0	1,417,393	0	4,643,895	1.047
000000-00-0	CARLYLE REALTY PARTNERS VIII LP	WILMINGTON	DE	CARLYLE REALTY PARTNERS VIII LP		12/04/2017		0	403,455	0	7,600,722	0.182
000000-00-0	CERBERUS RM FUND	GRAND CAYMAN	CYM	CERBERUS RM FUND		06/05/2019	7	0	577,946	0	3,245,946	5.828
000000-00-0	CHAMBERS ENERGY CAPITAL III	WILMINGTON	DE	CHAMBERS ENERGY CAPITAL III		05/13/2016		0	27, 153	0	1,635,455	1.111
000000-00-0 000000-00-0	CHARLESBANK CAP PTNS IX LP	WILMINGTON	DEDE	CHARLESBANK CAP PTNS IX LP		07/16/2018	3	Ω	468 , 112 596 . 572		3,333,252	0.223 0.568
000000-00-0	CL CAPITAL INVESTORS III LP	WILMINGTON	DE	CI CAPITAL INVESTORS III LP		03/21/2018	3	ν				1.967
000000-00-0	CLARION CAPITAL PARTNERS III	GRAND CAYMAN	CYM	CLARION CAPITAL PARTNERS III		06/21/2019	3	 0	469,470		7,543,075	1.878
000000-00-0	CLEARLAKE CAPITAL PARTNERS V	WILMINGTON	DE	CLEARLAKE CAPITAL PARTNERS V		02/01/2018	3	0		0	2,036,379	0. 151
000000-00-0	CLEARLAKE CAPITAL PARTNERS VI	WILMINGTON	DE	CLEARLAKE CAPITAL PARTNERS VI		05/27/2020	3	804,448	0	0	0	0.000
000000-00-0	DYAL CAPITAL PARTNERS IV	WILMINGTON	DE	DYAL CAPITAL PARTNERS IV		06/11/2018	3	0	250,000	0	9,364,187	0.388
000000-00-0	DYAL PARTNERS III PE	WILMINGTON	DE	DYAL PARTNERS III PE		01/08/2016	3	0	370,013	0	3,679,014	0.371
000000-00-0	ENCAP ENERGY CAPITAL FUND X LP	HOUSTON	TX	ENCAP ENERGY CAPITAL FUND X LP		03/26/2015	3	0	67,243	0	958 , 132	0.090
000000-00-0 000000-00-0	ENCAP ENERGY CAPITAL FUND XI LP	LUXEMBOURG	TX	ENCAP ENERGY CAPITAL FUND XI LP		07/17/2017	3		47,923 233.867		5,635,998	0. 115 0. 212
	EQT_INFRASTRUCTURE_IV	LUXEMBOURG	LUX	EQT_INFRASTRUCTURE_IV		10/23/2017			1.015.458		4, 101, 996	0.208
000000-00-0	FS EQUITY PARTNERS VII LP	LOS ANGELES	CA	FS EQUITY PARTNERS VII LP		11/03/2014	3	0	132.883	0	1.026.176	0.632
000000-00-0	FS EQUITY PARTNERS VIII LP	WILMINGTON	DE.	FS EQUITY PARTNERS VIII LP		04/25/2019	3	0		0	5.759.078	0.419
000000-00-0	GCG INVESTORS IV LP	WILMINGTON	DE	GCG INVESTORS IV LP		03/14/2017	2	0	534,545	0	1,755,802	3.585
000000-00-0	GENERAL ATLANTIC INV PTNS 2019	GRAND CAYMAN	CYM	GENERAL ATLANTIC INV PTNS 2019		01/14/2020	3	0	188,808	0	5,053,342	0.340
000000-00-0	GENSTAR CAPITAL PARTNERS VII	WILMINGTON	DE	GENSTAR CAPITAL PARTNERS VII		10/01/2015	3	0	38,091	0	11, 151	0.966
000000-00-0 000000-00-0	GENSTAR CAPITAL PARTNERS VIII	WILMINGTON	DE DE	GENSTAR CAPITAL PARTNERS VIII		04/28/2017	3	Ω	129,091	0	764,815	0.477
000000-00-0	GENSTAR VIII OPPORTUNITIES FUND I	WILMINGTON	DE	GENSTAR IX OPPORTUNITIES I		10/05/2017	3				1,271,123	0.212
000000-00-0	GREAT HILL EQUITY PARTNERS V LP	WILMINGTON	DE	GREAT HILL EQUITY PARTNERS V LP		04/29/2015	3	 0	84,000		84.000	0.573
000000-00-0	GREAT HILL EQUITY PARTNERS VI LP	WILMINGTON	DE.	GREAT HILL EQUITY PARTNERS VI LP		10/30/2017	3	0		0	1,232,451	0.291
000000-00-0	GREEN EQUITY INVESTORS VII LP	WILMINGTON	DE	GREEN EQUITY INVESTORS VII LP		05/12/2017	3	0	419,597	0	1,304,051	0.127
000000-00-0	GTCR FUND XII LP	WILMINGTON	DE	GTCR FUND XII LP		05/04/2018	3	0	375,000	0	8,599,752	0.346
000000-00-0	HARVEST PARTNERS VII LP	WILMINGTON	DE	HARVEST PARTNERS VII LP		09/28/2016	3	0	104,593	0	104,843	0.251
000000-00-0	HARVEST PARTNERS VIII LP	DES MOINES	IA	HARVEST PARTNERS VIII LP		11/27/2019	3		1,800,576		6,310,660	0.177
000000-00-0 000000-00-0	HELLMAN & FRIEDMAN CAP PTNS IX	GRAND CAYMANGRAND CAYMAN	CYM CYM	HELLMAN & FRIEDMAN CAP PTNS IX HELLMAN & FRIEDMAN INVESTORS VIII		04/07/2020	3		33.977			0.000 0.142
000000-00-0	INSIGHT VENTURE PARTNERS IX LP	NEW YORK	NY	INSIGHT VENTURE PARTNERS IX LP		03/24/2015	3	 0	307,646		239,938	0.208
000000-00-0	INSIGHT VENTURE PARTNERS X LP	GRAND CAYMAN	CYM	INSIGHT VENTURE PARTNERS X LP		04/17/2018	3	0	400,000		1,023,424	0.158
000000-00-0	K3 PRIVATE INVESTORS LP	WILMINGTON	DE	K3 PRIVATE INVESTORS LP		07/18/2016	3		579,668	0	3, 133, 042	1.195
000000-00-0	KAYNE SENIOR CREDIT FUND IV	WILMINGTON	DE	KAYNE SENIOR CREDIT FUND IV		01/24/2020		0	825,000	0	3,850,000	3.058
000000-00-0	MARANON SR CREDIT STRATEGIES FND V	WILMINGTON	DE	MARANON SR CREDIT STRATEGIES FND V		09/21/2017	ļ	ō	747,245	<u>0</u>	1, 129, 113	9.899
000000-00-0	METALMARK CAP PARTNERS II LP	NEW YORK WILMINGTON	NY	METALMARK CAP PARTNERS II LP		12/11/2014	33	0	62,526	0	554,906	0.933
000000-00-0 000000-00-0	MSOUTH EQUITY PARTNERS	WILMINGTON	DE DE	MSOUTH EQUITY PARTNERS		09/06/2019	3			ا لا	6,604,019 3,052,011	0.798 0.129
00000-00-0	PEAK ROCK CAP CREDIT FUND II	WILMINGTON	DE	PEAK ROCK CAP CREDIT FUND II		03/06/2018	3	n	476,695		1,534,105	0.129
000000-00-0	QUAD-C PARTNERS IX	MINNEAPOLIS	MN	QUAD-C PARTNERS IX		04/26/2017	3	0		0	2,358,147	0.417
000000-00-0	QUANTUM ENERGY PARTNERS VII	WILMINGTON	DE	QUANTUM ENERGY PARTNERS VII		05/30/2018	3	0	180,037	0	3,835,797	0.243
000000-00-0	STONEPEAK INFRASTRUCTURE PTNRS III	WILMINGTON	DE	STONEPEAK INFRASTRUCTURE PTNRS III		02/22/2018		0	1,421,857	0  .	4,220,365	0.133
000000-00-0	TAILWIND CAPITAL PARTNERS III LP	WILMINGTON	DE	TAILWIND CAPITAL PARTNERS III LP		09/27/2018	3	ō	1,249,811	<u>0</u>  .	8,438,977	0.850
000000-00-0	THOMAS BRAVO FUND XIII VERITAS CAPITAL FUND VII LP	WILMINGTON	DE	THOMAS BRAVO FUND XIII		02/14/2019	3	0	839,302	0	2,913,748	0.129
000000-00-0		WILMINGTON	<u>И</u> Е	VERTIAS CAPITAL FUND VII LP		04/15/2020	J		0	D		0.000
	Venture Interests - Common Stock - Unaffiliated	WILMINGTON	DE	IPOMONA CAPITAL IX LP		02/08/2018		2,549,781	22,394,452	0	155,284,545	XXX
		WILMINGTON	DE	POMONA CAPITAL IX LP		02/08/2018	3	<u>0</u>	6,220,000	0	46,427,273	3.442
	Venture Interests - Common Stock - Affiliated	WILMINGTON	DE	DIACCOTONE DEAL COTATE DADTNEDO LV LD		00/00/0010		0	6,220,000	0	46,427,273	XXX
000000-00-0 000000-00-0	BLACKSTONE REAL ESTATE PARTNERS IX LP	WILMINGTON WILMINGTON	DE DE	BLACKSTONE REAL ESTATE PARTNERS IX LP		09/23/2019	·		1,081,208 297,401	0	6,559,552 560.752	0.039 0.057
000000-00-0	INVESCO US VALUE ADD FUND IV LP	WILMINGTON	DE	INVESCO US VALUE ADD FUND IV LP		04/28/2015	ļ <del>-</del>	n	210,761	n l	1,483,218	1.149
000000-00-0	TPG REAL ESTATE PARTNERS III	WILMINGTON	DE	TPG REAL ESTATE PARTNERS III		09/17/2019				0	7,068,306	0.208

### **SCHEDULE BA - PART 2**

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE During the Current Quarter

				i invoctou / toocto / to Qon teb / ti tb / te								
1	2	Location		5	6	7	8	9	10	11	12	13
		3	4		NAIC							
					Designation							
					and						Commitment	
					Admini-	Date	Type	Actual Cost	Additional		for	
CUSIP				Name of Vendor	strative	Originally	and	at Time of	Investment Made	Amount of	Additional	Percentage of
Identification	Name or Description	City	State	or General Partner	Symbo	Acquired	Strategy	Acquisition	After Acquisition	Encumbrances	Investment	Ownership
2199999. Joint \	Venture Interests - Real Estate - Unaffiliated							0	1,883,775	0	15,671,828	XXX
4899999. Total	- Unaffiliated							2,549,781	26,674,881	0	170,956,372	XXX
4999999. Total	- Affiliated	_	•			•		0	6,220,000	0	46,427,273	XXX
5099999 - Total	S							2,549,781	32,894,881	0	217,383,645	XXX

### **SCHEDULE BA - PART 3**

Showing Other Long-Term Invested Assets DISPOSED, Transferred or Repaid During the Current Quarter

4	2	Location			6	7	8				usted Carry			15	16	17	10	19	20
'	2			5	О	,	0							15	16	17	18	19	20
		3	4					9	10	11	12	13	14						
							Book/			Current				Book/					
							Adjusted			Year's		Total	Total	Adjusted					
							Carrying		Current	Other		Change in	Foreign	Carrying					
							Value		Year's	Than	Capital-	Book/	Exchange	Value		Foreign			
							Less	Unrealized		Temporary	ized	Adjusted	Change in	Less		Exchange			
							Encum-		ciation) or	Impair-	Deferred	Carrying	Book/	Encum-		Gain	Realized	Total	
					Date		brances,	Increase	(Amorti-	ment	Interest	Value		brances		(Loss)	Gain	Gain	Invest-
CUSIP				Name of Purchaser or		Diamanal			,				Adjusted		0:-	` ′			
					Originally	Disposal	Prior	(De-	zation)/	Recog-	and	(9+10-	Carrying	on	Consid-	on	(Loss) on	(Loss) on	
Identification	Name or Description	City	State	Nature of Disposal	Acquired	Date	Year	crease)	Accretion	nized	Other	11+12)	Value	Disposal	eration	Disposal	Disposal	Disposal	Income
000000-00-0	VOYA COMM MORTGAGE LENDING FUND LP	WILMINGTON	DE	RETURN OF CAPITAL	10/15/2019	04/30/2020	117,442	0	0	0	0	0	0	117,442	117,442	0	0	0	0
	n-Registered Private Funds - Mortga						117,442	0	0	0	0	0	0	117,442	117,442	0	0	0	0
000000-00-0	HARVEST PARTNERS VII LP	. WILMINGTON	DE	RETURN OF CAPITAL	09/28/2016	06/26/2020	296,384	Ω	0	0	0	0	0	296,384	296,384	0	0		Ω
000000-00-0	ELEMENT CAPITAL FUND	. WILMINGTON	DE	SALE	03/01/2017	06/30/2020	245,726	(245,726)	0	0	0	(245,726)	٥	0	0	0	0	٥	0
	CVC CREDIT PARTNERS EURO MID MARKET	WILMINGTON	DE	RETURN OF CAPITAL	05/18/2016	06/30/2020	2,534	0	0	0	0	0	0	2,534	2,534	0	0	0	0
000000-00-0	CERBERUS RM FUND	GRAND CAYMAN	CYM	RETURN OF CAPITAL	06/05/2019	06/30/2020	1,152,664	0	0	0	0	0	0	1, 152, 664	1, 152, 664	0	0	0	0
000000-00-0	GENSTAR CAPITAL PARTNERS IX	WILMINGTON	DE	RETURN OF CAPITAL	07/03/2019	06/30/2020	42,980	0	0	۵			Ω	42,980	42,980		0	0	0
000000-00-0	GOOD HILL PARTNERS LP	. WILMINGTON	DE	SALE	06/28/2018	06/30/2020	1,505,618	(22,880)	0	0	0	(22,880)	ΩΩ	1,482,738	1,394,575	0	(88, 163)		,Ω
	EQT INFRASTRUCTURE III	LUXEMBOURG	LUX	SALE	10/25/2017	06/30/2020	11,978	0	0	0	0	0	0	11,978	0	11,978	0	11,978	
000000-00-0	APOLLO HYBRID VALUE FUND LP	WILMINGTON	DE DE	SALE	03/29/2019	04/29/2020	929,261	0			0		u	929,261	929,261	0		0	0
000000-00-0 000000-00-0	TA XII-AK3 PRIVATE INVESTORS LP	WILMINGTON	DE DF	RETURN OF CAPITAL	02/22/2016	06/30/2020	169,084				μ			169,084 75,951	169,084 75,951	D			u
000000-00-0	VISTA EQUITY PARTNERS FUND VI LP	GRAND CAYMAN	CVM	RETURN OF CAPITAL	06/28/2016	06/24/2020			u					6,738					
000000-00-0	INSIGHT VENT PTNS GWTH-BUYOUT FUND	GRAND CAYMAN	CYM	RETURN OF CAPITAL	05/11/2015	05/31/2020	41.978		u	u	u			41.978		u			
000000-00-0	INSIGHT VENTURE PARTNERS IX LP	NEW YORK	NV	RETURN OF CAPITAL	03/24/2015	05/31/2020			۷					39.393					
000000-00-0	BROOKFIELD INFRASTRUCTURE FUND III B	WILMINGTON	NI	RETURN OF CAPITAL	05/16/2016	06/18/2020	31,533	ν	 Λ	ν	ν	ν	ν	31,533	31,533	ν	ν	۷	
	METALMARK CAP PARTNERS II LP	NEW YORK	NV	RETURN OF CAPITAL	12/11/2014	06/30/2020	12, 136		۷	۷	ν	۷		12,136	12, 136	n	٥	۵	
000000-00-0	BLACKSTONE STRAT OPP OFFSHORE FUND	NEW YORK	NY	RETURN OF CAPITAL	05/01/2014	06/18/2020	37,098	0	٥	0	n	0	0	37,098	37,098	n	0	0	
	FS EQUITY PARTNERS VII LP	LOS ANGELES	CA	RETURN OF CAPITAL	11/03/2014	06/12/2020	39, 198	0	0	0	0	0	0	39, 198	39, 198	0	0	0	0
000000-00-0	BLACKSTONE STRATEGIC OPPORTUNITIES FUND	NEW YORK	NY	RETURN OF CAPITAL	02/28/2017	06/30/2020	23,888	0	0	0	0	0	0	23,888	23,888	0	0	0	0
000000-00-0	SENATOR GLOBAL OPPORTUNITY FUND LP	NEW YORK	NY.	RETURN OF CAPITAL	05/31/2018	06/30/2020	298,545		0					298,545	298,545	0		0	[c
	nt Venture Interests - Common Stoc	k - Unaffiliated					4.962.688	(268.606)	0	0	0	(268.606)	0	4.694.083	4.593.941	11.978	(88.163)	(76, 185)	) (
000000-00-0	POMONA VOYA HOLDINGS IV LP	WILMINGTON	DE	RETURN OF CAPITAL	05/31/2018	06/18/2020	140.875	0	0	0	0	0	0	140,875	140,875	0	0	0	1
	POMONA CAPITAL IX LP	WILMINGTON	DE	RETURN OF CAPITAL	02/08/2018	06/05/2020	338,848	0	0				0	338,848	338,848			0	
	nt Venture Interests - Common Stoc						479.724	0	0	0	n	n	n	479.724	479.724	n	0	n	(
000000-00-0	RIVERROCH LLC	WILMINGTON	DF	RETURN OF CAPITAL	12/31/2019	06/30/2020	1,023,560	0	0	0	0	0	0	1,023,560	1,023,560	0	0	0	1
	BLACKSTONE REAL ESTATE PARTNERS IX LP	WILMINGTON	DF	CAPITAL CONT	09/23/2019	06/26/2020	228.648	0	n	n	n	n	n	228.648	228,648	n	0	n	
	BLACKSTONE REAL ESTATE PARTNERS VIII	WILMINGTON	DE.	RETURN OF CAPITAL	08/18/2015	06/01/2020	9,932	0	0	0	0	0	0	9,932	9,932	0	0	0	
	nt Venture Interests - Real Estate - L		r		r	p	1.262.140	n	۸	n	n	n	n	1.262.140	1,262,140	n	0	n	
	al - Unaffiliated	Zirannatou					6,342,270	(268,606)	0	0	0	(268,606)	0	6,073,665	5,973,523	11,978	(88, 163)	(76, 185)	<del>,                                    </del>
4999999. Tot							479.724	(200,000)	0	0	0	(200,000)	0	479.724	479.724	11,970	(60, 103)	(70, 103)	+
5099999 - To							6.821.994	(268,606)	n	0	0	(268,606)	0	6.553.388	6.453.247	11.978	(88, 163)	(76, 185)	<u>,                                    </u>
0000000 10	laio						0,021,004	(230,000)	U	U	U	(200,000)	,	0,000,000	0,400,241	11,370	(00, 100)	(70, 100)	4 '

			Show All	Long-Term Bonds and Stock Acquired During the Current Quarter	r				
1	2	3	4	5	6	7	8	9	10 NAIC Designation and
CUSIP			Date		Number of Shares of			Paid for Accrued Interest and	Admini- strative
Identification	Description	Foreign	Acquired	Name of Vendor	Stock	Actual Cost	Par Value	Dividends	Symbol
912833-LS-7	TREASURY STRIP (INT)		06/09/2020	J.P. MORGAN SECURITIES, INC.		4,624,890	4,710,000	0	
	otal - Bonds - U.S. Governments	1-		Tues	1	4,624,890	4,710,000	0	
715638-DF-6 71654Q-AZ-5	PERU (REPUBLIC OF) PETROLEOS MEXICANOS	D	04/16/2020	HSBC SECURITIES (USA) INC.		3,000,060 4,807,227	3,000,000 6,649,000		2FE
716743-AP-4	PETROLEOS MEXICANOS  PETRONAS CAPITAL LTD	D	04/14/2020	BANK OF AMERICA SECURITIES LLC		2,369,664	2,400,000		1FE
74727P-BD-2	QATAR (STATE OF)	D	04/07/2020	DEUTSCHE BANK SECURITIES, INC.		3,518,303	3,525,000	0	1FE
80413T-AT-6 836205-AU-8	SAUDI ARABIA (KINGDOM OF) SOUTH AFRICA (REPUBLIC OF)	D	04/15/2020	GOLDMAN SACHS & CO HSBC SECURITIES (USA) INC.		7,195,770 1,697,500			1FE
900123-CY-4	TURKEY (REPUBLIC OF)	D	05/06/2020	CREDIT SUISSE SECURITIES (USA) LLC					
	otal - Bonds - All Other Governments					24,435,774	27,074,000	229,786	
30711X-SX-3	CAS_17-C06		06/30/2020	BARCLAYS CAPITAL INC		9,784,834	9,946,464	5,772	2
3136A9-FK-9	FNMA_12-111		06/01/2020	CAPITALIZED INTEREST		14,543	14,543		1FE
3136AH-EV-8 3136AL-FG-1	FNIA 13-121		05/28/2020	VARIOUS		5,965,251 43,742		13,666	
3136AM-KT-5	FANNIE MAE FNMA_14-87 MS		06/26/2020	MORGAN STANLEY & CO. INC.		4,626,231	0	22,237	1FE
3136AN-X6-9	FNMA_15-42		06/23/2020	VARIOUS		6,717,910	0	12,963	
3136AQ-GJ-3 3136AQ-QU-7	FMIA_15-76		04/30/2020	CITIGROUP GLOBAL MARKETS INC		6,917,448 1,451,604	0		
3136AR-BD-9	FNMA 16-2		05/17/2020	BANK OF AMERICA SECURITIES LLC			0		1FE
3136AT-BV-5	FNMA_16-50		05/28/2020	BANK OF AMERICA SECURITIES LLC		2,182,848	0	5, 100	1FE
3136AU-4G-3	FNMA_17-8		06/24/2020	J.P. MORGAN SECURITIES, INC.		743,671	0		1FE
3136AU-AH-4	FNIA 16-82		05/28/2020	BANK OF AMERICA SECURITIES LLC		4,232,084 3,079,593			1FE
3136B2-XG-2	FNMA 18-58		06/16/2020	BMO CAPITAL MARKETS		2,427,452	0		
3136B3-4B-3	FNMA_19-9		05/28/2020	J.P. MORGAN SECURITIES, INC.		4,958,158	0	11,951	
3136B8-HX-0 3136B9-A5-6	FNIA 20-2		04/17/2020	BANK OF AMERICA SECURITIES LLC		11,768,491	0	214,792	
3136B9-Q8-3	FNMA 20-37		04/22/2020 06/26/2020	MORGAN STANLEY & CO. INC.		2,096,320 5,200,398	0		
3136B9-S3-2	FNMA 20-37		06/26/2020	MORGAN STANLEY & CO. INC.		19,420,006	0	92,551	1FE
3136B9-UF-2	FNMA_20-27		06/17/2020	J.P. MORGAN SECURITIES, INC.		5,540,838	0	61,749	
3136BA-FP-4 3136BA-TY-0	FMIA 20-38		05/28/2020 05/28/2020	BANK OF AMERICA SECURITIES LLC BANK OF AMERICA SECURITIES LLC		11,915,588 3,407,318	0		
3136BA-YU-2	FMA 20-46		06/19/2020	HFD NONURA SECURITIES INC			0	141,979	
3137A0-XK-6	FHLMC_3714		06/01/2020	CAPITALIZED INTEREST			60,784	0	1FE
3137A2-AG-6	FHLMC_3745		06/01/2020	CAPITALIZED INTEREST		36,534	36,534		1FE
3137AC-KF-5	FHLMC 3914D		04/17/2020 04/17/2020	BANK OF AMERICA SECURITIES LLC CITIGROUP GLOBAL MARKETS INC		1,300,943 1,044,231			1FE
3137B7-ER-6	FHLMC 4290		05/28/2020	GOLDMAN SACHS & CO		2,809,913	0		
3137B8-BK-2	FHLMC_4307		06/24/2020	J.P. MORGAN SECURITIES, INC.		4,621,363	3,594,643	23,079	
3137B8-QW-0	FHLMC 4341		06/26/2020 06/01/2020	MORGAN STANLEY & CO. INC. CAPITALIZED INTEREST		4,380,279 42,323	0 	55,919	)   1FE
3137BB-2P-4	FHLMC 4338		06/01/2020	CAPITALIZED INTEREST		42,323			1FE
3137BG-VR-7	FHLNC_4453		06/01/2020	CAPITALIZED INTEREST		55,016	55,016	0	1FE
3137BR-BG-9	FHLMC 4604		05/28/2020	VARIOUS		31,494,916	0	306,520	
3137BS-SR-5	FHLMC 4634		05/28/2020 06/01/2020	CAPITALIZED INTEREST		2,612,301 91,424		25,489	1FE
3137BT-XP-1	FHLMC_4651		05/28/2020	CREDIT SUISSE SECURITIES (USA) LLC		5,524,041	0	53,117	
3137F1-XF-0	FHLMC_4698		06/01/2020	CAPITALIZED INTEREST		16,230	16,230		1FE
3137FD-B7-6	FHLMC 4751		05/28/2020 05/28/2020	PERFORMANCE TRUST CAPITAL PARTNERS PERFORMANCE TRUST CAPITAL PARTNERS		12,811,144 4,555,339	0		
3137FE-VJ-6	FHLMC 4800		06/01/2020	CAPITALIZED INTEREST		4,505,539			1FE
3137FT-FU-6	FHMS_K738		05/08/2020	GOLDMAN SACHS & CO		5,261,407	0	37,469	1FE
3137FT-G2-7	FHIS K109		05/21/2020	BANK OF AMERICA SECURITIES LLC		5,017,685	0	53,407	
3137FU-J4-7	FHLMC 4992 FHLMC 4989		06/16/2020	AMHERST PIERPONT CREDIT SUISSE SECURITIES (USA) LLC		6,642,949 11,524,191	0	25,264	
31393X-5Y-9	FNMA_04-40		06/24/2020	J.P. MORGAN SECURITIES, INC.		870,005	0		1FE
31394F-J3-0	FNMA_05-84		06/24/2020	J.P. MORGAN SECURITIES, INC.		1,882,575	0		1FE
31396L-MF-4	FNM_ 06-104		06/24/2020	J.P. MORGAN SECURITIES, INC. J.P. MORGAN SECURITIES, INC.		1,186,721	0	3,420	1FE
31396R-QA-8 31396V-KN-7	FNMA_07-28		06/24/2020 06/24/2020	J.P. MORGAN SECURITIES, INC.		840,775 1.542.557	 n		
31396V-SY-5	FNMA_07-39		05/28/2020	BANK OF AMERICA SECURITIES LLC		2,223,169	0	4,569	

## Show All Long-Term Bonds and Stock Acquired During the Current Quarter

			Show All	ong-Term Bonds and Stock Acquired During the Current Quarte	er				
1	2	3	4	5	6	7	8	9	10 NAIC Designation
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	and Admini- strative Symbol
	FNMA_10-46		06/24/2020	J.P. MORGAN SECURITIES, INC.		1,200,285	0	3,898	
	FNMA_10-154 GNMA_13-H19		06/24/2020	J.P. MORGAN SECURITIES, INC. CAPITALIZED INTEREST		1,079,826		3,529	1FE
	GNMA 07-57		06/24/2020	J.P. MORGAN SECURITIES. INC.				5.966	
	GNMA 14-H12		05/01/2020	CAPITALIZED INTEREST			0	0	1FE
	GNMA_16-H11		04/01/2020	CAPITALIZED INTEREST		374	0	0	1FE
38376C-F7-9	GNMA_09-76 SJ		06/22/2020	PERFORMANCE TRUST CAPITAL PARTNERS		61,275	0	1,226	
	GNMA 15-H22 GNMA 16-H03		05/01/2020	CAPITALIZED INTEREST CAPITALIZED INTEREST					1FE
	GNMA 16-H01		05/01/2020	CAPITALIZED INTEREST		13.462	0	0	1FE
	GNMA_16-H06		05/01/2020	CAPITALIZED INTEREST		4,123	0	0	1FE
38376R-VS-2	GMMA_16-H13		06/01/2020	CAPITALIZED INTEREST		4,618	0	0	1FE
	GMA_11-161		06/01/2020	CAPITALIZED INTEREST		4,859	4,859	ō	1FE
	GNMA_12-1 GNMA_12-2		06/01/2020 06/01/2020	CAPITALIZED INTEREST CAPITALIZED INTEREST				0	1FE 1FE
	GNMA 12-19		06/01/2020	CAPITALIZED INTEREST		4,759	4,759		1FE
	GNMA_12-28		06/01/2020	CAPITALIZED INTEREST		4,380	4,380	0	1FE
38378B-SW-0	GNMA_12-46		06/01/2020	CAPITALIZED INTEREST		4,601	4,601	0	1FE
	GNMA_12-61C		05/28/2020	CITIGROUP GLOBAL MARKETS INC		2,904,335	0	20,984	
	GNMA_13-108		06/01/2020	CAPITALIZED INTEREST		51,206	51,206 .52,315	0	1FE
	GNMA 14-75		06/01/2020	CAPITALIZED INTEREST			52,315		1FE
	GNMA 14-75		06/01/2020	CAPITALIZED INTEREST		161,818	161,818	0	1FE.
	GNMA 14-93		06/01/2020	CAPITALIZED INTEREST				0	1FE
38378N-DL-4	GNMA_13-145		06/01/2020	CAPITALIZED INTEREST			138,624	0	1FE
	GNMA_14-50		06/01/2020	CAPITALIZED INTEREST			129,730	0	1FE
	GMA_14-50		06/01/2020	CAPITALIZED INTEREST		54,923	54,923	0	1FE
	GNMA 14-52		06/01/2020	CAPITALIZED INTEREST CAPITALIZED INTEREST		73,94583,337		U	1FE
	GNMA 14-10		04/08/2020	CREDIT SUISSE SECURITIES (USA) LLC		1,948,813			1FE
	GNMA 13-130		05/28/2020	MORGAN STANLEY & CO. INC.		5,537,199	0	113,440	
	GNMA_13-149		06/08/2020	GOLDMAN SACHS & CO		6,225,414	0	107,998	
	GNMA_13-147		06/09/2020	VARIOUS		11,215,154	0	199,803	
	GMA_14-168		06/01/2020	CAPITALIZED INTEREST		153,053	153,053	0	1FE
	GNMA 14-189 GNMA 14-134		06/01/2020	CAPITALIZED INTEREST		70,840	70,840	0	1FE
	GNMA 14-150		06/01/2020	CAPITALIZED INTEREST		15,234	15,234		1FE
	GNMA 14-155		06/01/2020	CAPITALIZED INTEREST		205.768	205.768	0	1FE
	GNMA_14-169		06/01/2020	CAPITALIZED INTEREST			111,436	0	1FE
38379J-Q9-5	GNMA_15-35		06/01/2020	CAPITALIZED INTEREST			18,456	0	1FE
	GNMA_15-174		06/01/2020	CAPITALIZED INTEREST		18,749	18,749	0	1FE
	GNMA_15-163		06/01/2020	CAPITALIZED INTEREST		39,049	39,049	0	1FE
	GNMA_15-114		06/01/2020 06/01/2020	CAPITALIZED INTEREST CAPITALIZED INTEREST		43,079 21,852	43,079 21,852	0	1FE
	GNMA 15-58		06/01/2020	CAPITALIZED INTEREST		44,943	44,943		1FE
38379K-J6-6	GNMA_15-130		06/01/2020	CAPITALIZED INTEREST			28,776	0	1FE
38379K-KQ-0	GNMA_15-59		06/01/2020	CAPITALIZED INTEREST		32,210	32,210	0	1FE
	GNMA_15-128	.	06/01/2020	CAPITALIZED INTEREST		60,280	60,280	0	1FE
	GMA_15-71		06/01/2020	CAPITALIZED INTEREST		73,275	73,275	ō	1FE
	GNMA 15-97		06/01/2020	CAPITALIZED INTEREST		41,848 79,514	41,848 79,514	0	1FE
	GNMA 15-39		06/01/2020	CAPITALIZED INTEREST					1FE
	GNMA 15-99		05/05/2020	CREDIT SUISSE SECURITIES (USA) LLC		2,216,770	0	10,889	
	GNMA_17-138		04/01/2020	CAPITALIZED INTEREST		2,415	2,415	0	1FE
	GNMA_15-188		06/01/2020	CAPITALIZED INTEREST		18,988	18,988	0	1FE
	GNMA_17-71		04/01/2020	CAPITALIZED INTEREST		21,496	21,496	0	1FE
	GNMA_15-18		06/01/2020	CAPITALIZED INTEREST		36,764	36,764	ō	1FE
	GNMA_16-30		06/01/2020	CAPITALIZED INTEREST		29,884	29,884 .14,088	0	1FE
	GNMA_16-52		06/01/2020	CAPITALIZED INTEREST		14,088 48.085	14,088		1FE
	GNMA 17-168		06/01/2020	CAPITALIZED INTEREST		49,065	49,675		1FE
000000 01 1	Minut_11   100	1		VIII THE TELEVITATION TO THE TELEVITATION THE TELEVITATION TO THE TELEVITATION	<b> </b>		+3,0/3		11  =

			Show All	Long-Term Bonds and Stock Acquired During the Current Quarte	r				
1	2	3	4	5	6	7	8	9	10 NAIC Designation and
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	Admini- strative Symbol
38380J-HV-3 GNMA 17-181	Description	roreign	04/01/2020	CAPITALIZED INTEREST	Olock	15, 423	15,423		1FE
38380L-AB-9 GNMA_18-H05			06/10/2020	CITIGROUP GLOBAL MARKETS INC		1,875,765	0		
38380M-F5-5 GNMA_19-8			06/01/2020	CAPITALIZED INTEREST		92,433	92,433	0	1FE
38380M-LC-3 GNMA_18-123			04/01/2020	CAPITALIZED INTEREST		33,853	33,853	0	1FE
38380M-YS-4 GNMA_18-170			04/01/2020 05/05/2020	CAPITALIZED INTEREST CREDIT SUISSE SECURITIES (USA) LLC			25,849	14,515	1FE
38381T-YU-3 GNMA 19-45			04/07/2020	J.P. MORGAN SECURITIES, INC.		2,971,410	0		
38381T-ZX-6 GNMA_19-H06			06/26/2020	HFD NOMURA SECURITIES INC			0		1FE
38381W-TC-2 GNMA_19-78			04/07/2020	BMO CAPITAL MARKETS		8,079,027	0	111,355	
38382D-KM-0 GNMA_20-21			05/28/2020	BMO CAPITAL MARKETS		11,247,019	0	49,317	
38382D-VC-0 GNMA_20-31			06/19/2020	. J.P. MORGAN SECURITIES, INC. J.P. MORGAN SECURITIES, INC.		10,936,0813,338,219			
BIN1GF-A0-1 FHR 4998			06/30/2020	CREDIT SUISSE SECURITIES (USA) LLC		9,610,977	0	264,032	
3199999. Subtotal - Bonds - U.S.	Special Revenues					326,867,367	16,952,613	3,552,327	
00130H-CC-7 AES CORPORATION (THE)			05/15/2020	CREDIT SUISSE SECURITIES (USA) LLC		2,489,925	2,500,000	0	2FE
00287Y-AM-1 ABBVIE INC		.	06/18/2020	RBC CAPITAL MARKETS		6,687,395	5,500,000	30,922	2FE
00287Y-AV-1 ABBVIE INC		-	06/18/2020	VARIOUS		5,731,308	4,841,000	21,973	
00287Y-BR-9 ABBVIE INC	CALS INC		06/18/2020 .04/27/2020	GOLDMAN SACHS & CO		11,106,083	9,590,000 5,000,000	33,445	2FE 1FE
01166V-AA-7 ALASKA AIRLINES 2020 T			06/23/2020	BANK OF AMERICA SECURITIES LLC	•••••	6,500,000	6,500,000	0	1FE
012873-AK-1 ALBERTA ENERGY CO LTD			04/28/2020	MORGAN STANLEY & CO. INC.		4,958,350			
023761-AA-7 AMERICAN AIRLINES INC			05/19/2020	BARCLAYS CAPITAL INC		705,948	773,218	7,526	
023765-AA-8 AMERICAN AIRLINES INC			05/20/2020	VARIOUS		3,281,383	3,718,784		
02376U-AA-3 AMERICAN AIRLINES INC 02377B-AB-2 AMERICAN AIRLINES INC			04/15/2020	STIFEL, NICHOLAS & COMPANY, INC			190,784	1,743 26,146	
02377L-AA-2 AMER AIRLINES PT TR 20			05/29/2020	BARCLAYS CAPITAL INC		2,338,768			
03028P-K@-4 AMERICAN TRANSMISSION			04/30/2020	PRIVATE DIRECT		2,400,000	2,400,000	0	
031162-BZ-2 AMGEN INC			06/18/2020	VARIOUS		20,315,150	16,250,000	101,292	
0000 ID AN 0Ammo1_20 m 1			05/19/2020	J.P. MORGAN SECURITIES, INC.		2,397,270	2,500,000	7,231	
04002Q-AA-0 ARE IT_18-CRE2			04/15/2020 05/12/2020	. ROBERT W. BAIRD & CO., INC. . CANTOR FITZGERALD		3,303,148 2,995,467	3,489,625 3,090,101	163 4.240	1FE
05526Q-AN-6 BAMLL 15-200P			04/29/2020	CREDIT SUISSE SECURITIES (USA) LLC	•••••	4.789.206	4,976,000	4,240 0	
056057-AN-2 BX 18-BIOA			04/21/2020	BANK OF AMERICA SECURITIES LLC				6,712	
056059-AN-8 BX 18-IND			04/17/2020	J.P. MORGAN SECURITIES, INC.		2,902,183	3,031,000		1FM
05607Q-AU-2 BX_20-BXLP			04/20/2020	J.P. MORGAN SECURITIES, INC.		1,850,000	2,000,000		2FE
05950F-AC-9 BAFC_06-4 A3 064058-AH-3 BANK OF NEW YORK MELLO	MI CORD/TIE		04/01/2020	. CAPITALIZED INTEREST . CREDIT SUISSE SECURITIES (USA) LLC			107		1FM 2FE
06427D-AC-7 BACM 17-BNK3	IN CONTY THE		05/12/2020	CITIGROUP GLOBAL MARKETS INC				2,686	
06541F-AJ-8 BANK_17-BNK4			04/01/2020	J.P. MORGAN SECURITIES, INC.		1,536,329			1FM
08161C-AL-5 BMARK_18-B2			04/22/2020	CITIGROUP GLOBAL MARKETS INC		3,319,688	4,000,000	10,735	
08161H-AJ-9		.	05/14/2020	CITIGROUP GLOBAL MARKETS INC		2,027,656	2,000,000	4, 184	
08162Q-AN-9 BMARK_20-IG3	ON .	-	05/22/2020 .05/01/2020	. J.P. MORGAN SECURITIES, INC.		4,820,092 4,499,250	5,000,000 4,500,000	13, 173	1FE 4PL
097023-CV-5 BOEING CO	VII		05/01/2020	CITIGROUP GLOBAL MARKETS INC		8,000,000	8,000,000		2FE
097023-CW-3 B0EING CO		.	04/30/2020	CITIGROUP GLOBAL MARKETS INC		1,000,000	1,000,000	0	2FE
097023-CX-1 B0EING CO			04/30/2020	. CITIGROUP GLOBAL MARKETS INC		1,000,000	1,000,000		2FE
09857L-AP-3 BOOKING HOLDINGS INC			04/08/2020	GOLDMAN SACHS & CO		3,499,370	3,500,000	ō	1FE
09857L-AR-9 BOOKING HOLDINGS INC 11135F-AR-2 BROADCOM INC		-	04/08/2020 05/05/2020	GOLDMAN SACHS & CO		4,492,530 5,493,070	4,500,000 5,500,000	0	1FE 2FE
12433X-AG-4 BX 20-VIVA			05/05/2020	CITIGROUP GLOBAL MARKETS INC			9,000,000	11,918	
12489W-QE-7 CBASS_05-CB8			04/20/2020	HFD NOMURA SECURITIES INC		3,602,672	3,620,775		
12553X-AP-8 CIM_18-INV1			04/15/2020	GOLDMAN SACHS & CO		15,499,747	15,427,431	27 , 427	1FM
			04/21/2020	BANK OF AMERICA SECURITIES LLC		1,191,368	1,181,034	2,887	
12555D-AR-6 CIM_19-INV1			04/03/2020	BANK OF AMERICA SECURITIES LLC RAYMOND. JAMES & ASSOCIATES. INC.		3,820,135	3,935,748 1,534,092	2,952	
12558T-AN-7 CIM_19-J2 125896-BU-3 CMS ENERGY CORPORATION			04/13/2020 .05/15/2020	RAYMOND, JAMES & ASSOCIATES, INC		1,522,586 2,500,000	1,534,092 2,500,000		1FE 3FE
12593Y-BL-6 COMM 16-CR28			03/13/2020	MORGAN STANLEY & CO. INC.		3,090,000	3,000,000	8,802	
12596D-AA-4 COLT_18-3		.	04/27/2020	HFD NOMURA SECURITIES INC				2,468	
12646X-AY-8 CSMC_13-IVR3			04/29/2020	CREDIT SUISSE SECURITIES (USA) LLC		812,387	814, 168	0	1FM
12647G-CM-8 CSMC_13-1VR4			03/31/2020	WACHOVIA CAPITAL MARKETS LLC		(14,612)	(15,015)		1FM
12647G-CN-6 CSMC_13-1VR4			05/05/2020	CITIGROUP GLOBAL MARKETS INC		2,778,866	2,835,578		1FM

			Show All I	ong-Term Bonds and Stock Acquired During the Current Quarter	r				
1	2	3	4	5	6	7	8	9	10
									NAIC
									Designation
									and
					Number of			Paid for Accrued	Admini-
CUSIP			Date		Shares of			Interest and	strative
Identification	Description	Foreign	Acquired	Name of Vendor	Stock	Actual Cost	Par Value	Dividends	Symbol
12647V-AZ-8	CSMC_13-TVR5		04/29/2020	CREDIT SUISSE SECURITIES (USA) LLC				0	1FM
12648A-AY-6	CSMC_14-IVR1		03/31/2020	WACHOVIA CAPITAL MARKETS LLC		(12,378)	(12,606)	(1)	1FM
12648A-AZ-3	CSMC_14-IVR1		03/31/2020	WACHOVIA CAPITAL MARKETS LLC		(10,721)	(11,031)		1FM
12648A-BA-7	CSMC_14-IVR1		04/29/2020	CREDIT SUISSE SECURITIES (USA) LLC		694,753	696,276	0	1FM
12648H-BD-6 12648T-AS-8	CSMC_14-1VR2 CSMC_14-1VR3		04/29/2020	CREDIT SUISSE SECURITIES (USA) LLC CREDIT SUISSE SECURITIES (USA) LLC					1FM
12653B-AN-0	CSWF 18-TOP		04/13/2020	J.P. MORGAN SECURITIES, INC.			6,620,800	 0	1FM
12653V-AE-6	CSMC 19-1CE4		04/24/2020	MORGAN STANLEY & CO. INC.		5,664,375	6.000.000	4.862	
12656*-AT-9	CSLB HOLDINGS INC		05/27/2020	PRIVATE DIRECT		6,200,000	6,200,000	0	1Z
126670-GR-3	. CWL_05-13 AF4		06/01/2020	CAPITALIZED INTEREST		0	4,670	0	1FM
12668B-WF-6	. CWALT_06-11CB 3A1		06/01/2020	CAPITALIZED INTEREST		0	63	0	
149123-CJ-8	CATERPILLAR INC		04/06/2020	BANK OF AMERICA SECURITIES LLC		2,739,028	2,750,000	0	
184691-A#-0 184691-B*-3	CLEARBRIDGE ENERGY MIDSTREAM OPP FUND CLEARBRIDGE ENERGY MIDSTREAM OPP FUND		05/01/2020	TRANSFER IN				246	
184691-B^-3 184692-C*-0	CLEARBRIDGE ENERGY MIDSTREAM OPP FUND		05/01/2020	VARIOUS		158.838	82,414		1FE
20035A-AA-2	COMED FINANCING III		06/15/2020	BROWNSTONE INVESTMENT GROUP LLC		6.366.250	5.500.000		
20048E-BC-4	COMM_13-LC6		05/07/2020	MORGAN STANLEY & CO. INC.		4,614,922	4,750,000	5,597	1FM
20048G-AA-4	COMN_19-521F		04/17/2020	CREDIT SUISSE SECURITIES (USA) LLC		4,765,625	5,000,000	1,428	
210795-PZ-7	CONTINENTAL AIRLINES INC 2012-1 A		04/16/2020	BARCLAYS CAPITAL INC		3,706,349	4,309,709	4,471	
210795-QB-9	CONTINENTAL AIRLINES 2012-2 PASS T		04/20/2020	ROBERT W. BAIRD & CO., INC.		3,671,898	4, 196, 455		
233046-AF-8	DNN_17-1A		04/02/2020	GUGGENHEIM CAPITAL MARKETS, LLC		179,310	195,500	1,007	
23306G-AG-2	DBGS_18-B10D DBGS_18-B10D		04/20/2020	J.P. MORGAN SECURITIES, INC.  BANK OF AMERICA SECURITIES LLC			1,392,208 1,113,767		
23325P-A@-3	DNP SELECT INCOME FUND		05/01/2020	PRIVATE DIRECT		1,023,930	1,000,000	8.250	
24703D-BD-2	DELL INTERNATIONAL LLC		04/03/2020	J.P. MORGAN SECURITIES. INC.		4.990.850	5,000,000	0,230	2FE
247360-AA-7	DELTA AIR LINES 2020-1A B		04/09/2020	PRIVATE DIRECT			10,400,000	0	2PL
24737*-AA-8	DELTA AIR LINES 2019-1A B		04/22/2020	PRIVATE DIRECT		7,000,000	7,000,000		2PL
24906P-AA-7	DENTSPLY INTERNATIONAL INC		05/20/2020	J.P. MORGAN SECURITIES, INC.		1,247,350	1,250,000		2FE
25278X-AM-1	DIAMONDBACK ENERGY INC		05/01/2020	MORGAN STANLEY & CO. INC.		7, 151,925	8,280,000	109,918	
256677-AH-8 26746*-AA-2	DOLLAR GENERAL CORPORATION DYAL CAPITAL PARTNERS III		04/01/2020	GOLDMAN SACHS & CO PRIVATE DIRECT		1,237,463			2FE1Z
26746@-AA-0	DYAL CAPITAL PARTNERS III		06/23/2020	PRIVATE DIRECT		1,503,021 2,615,614	1,503,021 2,615,614		1Z
292480-AL-4	ENABLE MIDSTREAM PARTNERS LP		04/24/2020	J.P. MORGAN SECURITIES. INC.		2,851,063	3.770.000	84.495	
292505-AD-6	OVINTIV INC		05/08/2020	VARIOUS			9,098,000	118,352	
292505-AG-9	OVINITIV INC		05/08/2020	MORGAN STANLEY & CO. INC.		1,197,300	1,842,000		
29364W-AT-5	ENTERGY LOUISIANA LLC		05/15/2020	SUSQUEHANNA FINANCIAL GROUP		4,326,440	4,000,000		
30711X-LT-9	CAS_17-C04		06/30/2020	BARCLAYS CAPITAL INC		21,516,766	21,872,189	12,906	
31428X-BZ-8 31428X-CA-2	FEDEX CORP		04/03/2020	J.P. MORGAN SECURITIES, INC. J.P. MORGAN SECURITIES, INC.		5,985,480 7,428,750	6,000,000 7,500,000		2FE 2FE
33850T-AN-8	FSMT 18-1		04/03/2020	GOLDMAN SACHS & CO				9,095	
33851F-BQ-9	FSMT 18-6RR		04/30/2020	CANTOR FITZGERALD		2,896,419	2,910,974	1,214	
33851H-AP-8	FSMT_18-2		04/14/2020	GOLDMAN SACHS & CO		15,037,170	15,447,494		
33851Y-AM-8	FSMT_20-11NV		05/28/2020	BANK OF AMERICA SECURITIES LLC		8,501,949	0	35,675	
345370-CV-0	FORD MOTOR COMPANY		04/17/2020	GOLDMAN SACHS & CO		6, 100,000	6, 100,000		3FE
35086@-AE-1	FOUR CORNERS OPERATING PARTNERSHIP		06/09/2020	PRIVATE DIRECT		1,600,000	1,600,000		2FE
35086@-AF-8	FOUR CORNERS OPERATING PARTNERSHIP GATX CORPORATION		04/08/2020	PRIVATE DIRECT CITIGROUP GLOBAL MARKETS INC		1,600,000 3,991,480	1,600,000 4,000,000		2FE 2FE.
361448-BF-9 36192P-AG-1	GSMS 12-GCJ9		05/08/2020	IDENTIFICATION OF AMERICA SECURITIES LLC			4,000,000	2,965	
36248G-AL-4	GSMS 13-GC16		05/19/2020	BARCLAYS CAPITAL INC				14,757	
36253X-AQ-8	GSMS_17-500K		04/21/2020	BANK OF AMERICA SECURITIES LLC		6, 191, 250		3,776	
36255W-AA-3	GSMS_18-RIVR		04/15/2020	GOLDMAN SACHS & CO			499, 140	49	1FE
36255W-AG-0	GSMS_18-RIVR		04/21/2020	BTIG, LLC		1,234,625	1,400,000		2FE
36257M-AA-3	. GSMS_19-70P		04/14/2020	GOLDMAN SACHS & CO		6,623,750	7,000,000		1FE
36418A-AG-2 36418W-AG-4	GFMT_19-2 GFMT_19-1		04/30/2020	CREDIT SUISSE SECURITIES (USA) LLC		1,802,925	1,793,955	598	1FM
36418W-AG-4	GFMT 19-1		04/09/2020	SOCIETE GENERALE			3,620,350 3,620,350	6,788	
36418W-AQ-2	GFMT 19-1		04/09/2020	SOCIETE GENERALE	•	3,624,309	3,620,330	5,308	
37331N-AK-7	GEORGIA-PACIFIC LLC		04/09/2020	BANK OF AMERICA SECURITIES LLC			1,915,000		
406216-BK-6	HALLIBURTON CO		04/21/2020	MORGAN STANLEY & CO. INC.			9,570,000	210,008	
41242*-BW-1	HARDWOOD FUNDING LLC		06/30/2020	PRIVATE DIRECT		4,100,000	4, 100,000	0	1FE
41242*-BX-9	HARDWOOD FUNDING LLC	l	06/30/2020	PRIVATE DIRECT		2.100.000	2.100.000	0	1FE

## **SCHEDULE D - PART 3**

			Show All	Long-Term Bonds and Stock Acquired During the Current Quarte	er				
1	2	3	4	5	6	7	8	9	10
									NAIC
									Designation
									and
					N			Data Graden and	
					Number of			Paid for Accrued	Admini-
CUSIP			Date		Shares of			Interest and	strative
Identification	Description	Foreign	Acquired	Name of Vendor	Stock	Actual Cost	Par Value	Dividends	Symbol
42809H-AG-2 HESS CORP			04/30/2020	MORGAN STANLEY & CO. INC.	0.000.	4.550.000	5,000,000	19,708	
	ONAL PAPER CO		06/18/2020	MARKET AXESS		4,628,855	3,500,000	21,583	
46185H-AA-0 IHSFR 18-			04/15/2020	BANK OF AMERICA SECURITIES LLC		2.504.473	2,661,457	0	
46185J-AA-6 IHSFR 18-			04/15/2020	BANK OF AMERICA SECURITIES LLC		1,686,956	1,805,514		1FE
	TERPRISES INC		04/08/2020	J.P. MORGAN SECURITIES. INC.		4,995,450	5.000.000		2FE.
	GAS TRANSMISSION SYSTEM 144A		05/01/2020	PRU		1,338,009	1, 180, 881		2FE
465685-AH-8 ITC HOLDII			04/28/2020	DEUTSCHE BANK SECURITIES, INC.		931,433	750,000	13,140	
	NGS CORP		05/11/2020	MIZUHO SECURITIES USA INC		2,993,820	3,000,000		2FE
46591D-AX-7 JPMMT 19-			04/07/2020	GOLDMAN SACHS & CO		6,716,797			
46591L-BH-3 JPMMT 19-			04/07/2020	GOLDMAN SACHS & CO					
						3,630,212	3,653,044	4,972	
	IW3		04/06/2020	GOLDMAN SACHS & CO	-    -	6,004,578	6,439,226	5,704	
46591T-BG-8 JPMMT_20-		-	04/27/2020	WACHOVIA CAPITAL MARKETS LLC	-    -	1,464,601	1,457,314	3,967	
46640J-AC-1 JPMCC_13-0			05/14/2020	BARCLAYS CAPITAL INC		1,915,000	2,000,000	3,970	
46640U-AK-8 JPMBB_13-			04/17/2020	J.P. MORGAN SECURITIES, INC.		2,411,523	2,500,000	6,792	
46641B-AK-9 JPMCC_13-		.	05/06/2020	BARCLAYS CAPITAL INC	-	3,033,750	3,000,000	3,030	
46643B-AW-1 JPMMT_14-		.	04/09/2020	WACHOVIA CAPITAL MARKETS LLC		4,901,791	4,992,276	5,483	
46645F-AJ-9 JPMCC_15-I			04/24/2020	J.P. MORGAN SECURITIES, INC.		6,469,023	6,500,000	17,652	
46645W-AC-7 JPMCC_18-			04/17/2020	J.P. MORGAN SECURITIES, INC.			500,000		1FM
46649C-AN-3 JPMMT_18-			04/15/2020	GOLDMAN SACHS & CO		5,093,404	5,207,314	8, 100	
46649T-AN-6 JPMMT_18-			04/15/2020	GOLDMAN SACHS & CO		7,791,308	7,965,555	12,391	
46651B-AR-1 JPMMT_19-			04/23/2020	WACHOVIA CAPITAL MARKETS LLC		1,646,076	1,641,971	4, 151	1FM
46651D-AR-7 JPMMT_19-			04/21/2020	BANK OF AMERICA SECURITIES LLC		5,221,004	5,221,004	11, 167	
46651D-AZ-9 JPMMT_19-			04/21/2020	BANK OF AMERICA SECURITIES LLC		6, 194, 616	6,685,318	13,509	
46651F-AS-0 JPMMT_19-			04/01/2020	J.P. MORGAN SECURITIES, INC.		3,436,120	4,344,363		1FM
46651M-AL-0 JPMCC_19-I			04/08/2020	J.P. MORGAN SECURITIES, INC.		2,520,000	3,000,000	5,715	
46651X-BQ-4 JPMMT_20-			05/27/2020	J.P. MORGAN SECURITIES, INC.		2,012,971	1,986,893	6,011	
48253Q-AG-0 KIND_20-A			04/27/2020	J.P. MORGAN SECURITIES, INC.		3,333,750	3,500,000	2,925	1FE
48253Q-AJ-4 KIND_20-A	IP		05/13/2020	J.P. MORGAN SECURITIES, INC.		2,870,625	3,000,000	1,631	1FE
482598-AL-3 KNDL 19-K	NSQ	.	04/17/2020	J.P. MORGAN SECURITIES, INC.			780,000	281	1FM
482598-AN-9 KNDL 19-K	NSQ	.	04/22/2020	BANK OF AMERICA SECURITIES LLC		3,029,526	3,251,000	2,125	1FM
486606-J#-4 KAYNĒ AND	ERSON KYN FUND	.	05/01/2020	VARIOUS	. [	590,800	577,404	7,770	1FE
486606-J@-6 KAYNE AND	ERSON KYN FUND	.   [	05/01/2020	VARIOUS	. [		577,404		1FE
	LTY CORPORATION		05/07/2020	J.P. MORGAN SECURITIES, INC.		2,519,100	3,000,000	12,333	
50512#-AG-7 LA STADIU	M FINANCE CO LLC		05/21/2020	PRIVATE DIRECT		1,600,000	1,600,000		2PL
	M FINANCE CO LLC		05/21/2020	PRIVATE DIRECT		5,000,000	5,000,000	0	2PL
	UTUAL GROUP INC		05/07/2020	CORPORATE ACTION		6,738,402	6,900,000		2FE
540424-AT-5 LOEWS CORI			05/06/2020	J.P. MORGAN SECURITIES. INC.		3,020,640	3,000,000	0	1FE
	GUE BASEBALL TRUST		06/10/2020	PRIVATE DIRECT		6,600,000	6,600,000	0	1Z
565849-AE-6 MARATHON			06/24/2020	VARIOUS		6,153,581	6,086,000	82,251	
	INTERNATIONAL INC		04/14/2020	BANK OF AMERICA SECURITIES LLC		1.999.920	2.000.000		2FE
	TRIC COMPANY LIMITED	-	05/14/2020	PRIVATE DIRECT	· [				2Z
58174#-AF-1 MCK INSEY			06/11/2020	PRIVATE DIRECT		2,500,000	2.500.000		1PL
58174#-AG-9 MCKINSEY			06/11/2020	PRIVATE DIRECT		1,600,000	1,600,000		1PL
585499-AJ-5 MELLO 18-		-	04/16/2020	GOLDMAN SACHS & CO		10,932,070			
	LUS HOLDINGS LLC		06/25/2020	GOLDMAN SACHS & CO	-	3,456,250	3,500,000		2FE
599809-CN-8 MCMLT 15-		-	06/25/2020	AMHERST PIERPONT					
599809-CN-8		-	04/22/2020	J.P. MORGAN SECURITIES, INC.			2,840,000		1FM
61690Y-BZ-4 MSBAM_15-		-	04/01/2020	MORGAN STANLEY & CO. INC.		2,636,652	,040,000		1FM
				MORGAN STANLEY & CO. INC	-	ñ			
617458-AS-3 MSC_11-C1		-	03/19/2020				0	1,348	
61770Y-AG-0 MSC_20-CNI		-	05/06/2020	MORGAN STANLEY & CO. INC.		6,000,391	7,000,000	5,852	
61770Y-AJ-4 MSC_20-CN			05/06/2020	MORGAN STANLEY & CO. INC.		6,355,380	8,000,000	6,688	
61946N-AB-4 MSAIC_20-			06/12/2020	DEUTSCHE BANK SECURITIES, INC.		1,499,676	1,500,000		1FE
	ETT ELECTRIC COMPANY	-	04/07/2020	CITIGROUP GLOBAL MARKETS INC	-    -	3,500,000	3,500,000		1FE
63939E-AD-5 NAVSL_15-			04/02/2020	OPPENNHEIMER(BLACK ROCK)		1,387,500	1,500,000	2, 104	
64830B-AZ-0 NRZT_17-6			04/28/2020	CITIGROUP GLOBAL MARKETS INC		2,083,384	2, 181,553	7,029	
655044-AG-0 NOBLE ENE			05/08/2020	BANK OF AMERICA SECURITIES LLC	.	5,276,250	7,000,000	180,688	
	RGY INC		04/17/2020	CANTOR FITZGERALD	.	2,171,250	3,000,000	65,650	
655044-AQ-8 NOBLE ENE			04/30/2020	MIZUHO SECURITIES USA INC		2,208,750	3,000,000	5, 146	
67112F-AM-2 0BX_18-1			03/27/2020	WACHOVIA CAPITAL MARKETS LLC		0	0	(275)	) 1FM
	EY ELECTRIC CORP PRVT	.	06/22/2020	CAPITALIZED INTEREST		0	90		3
69352P-AQ-6	AL FUNDING INC	.	04/01/2020	J.P. MORGAN SECURITIES, INC.	. L l	7,997,280	8,000,000	0	2FE

			Snow All	Long-Term Bonds and Stock Acquired During the Current Quarte					
1	2	3	4	5	6 Number of	7	8	9 Paid for Accrued	10 NAIC Designation and Admini-
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Shares of Stock	Actual Cost	Par Value	Interest and Dividends	strative Symbol
693652-AP-4	PSMC 20-2	Foreign	06/26/2020	WACHOVIA CAPITAL MARKETS LLC	Stock	2,094,330	2,000,000		
761118-NP-9	RALI_05-Q04 2A2		05/25/2020	CAPITALIZED INTEREST		0	4,762	0	1FM
761713-BW-5	REYNOLDS AMERICAN INC		05/22/2020	MORGAN STANLEY & CO. INC.		6,598,656	5,370,000	117,991	
785592-AU-0	SABINE PASS LIQUEFACTION LLC CHARLES SCHIVAB CORPORATION (THE)		05/15/2020	HSBC SECURITIES (USA) INC.  CREDIT SUISSE SECURITIES (USA) LLC		3,504,410 6,000,000	3,500,000	26, 133	
808513-BD-6 81745X-AU-1	SEMT 17-4		04/27/2020 04/22/2020	WACHOVIA CAPITAL MARKETS LLC				1,582	2FE
81748G-BN-0	SEMT_19-CH3		04/23/2020	WACHOVIA CAPITAL MARKETS LLC		1,877,077	1,865,419	5,389	
83390U-AC-1	S0FI_20-C		05/14/2020	GOLDMAN SACHS & CO		999,282	1,000,000	0	1FE
85571K-AA-3 87264A-AW-5	STAR 19-1 T-MOBILE USA INC		04/22/2020 04/02/2020	BMO CAPITAL MARKETS		2,257,944 6,861,750	2,277,875 7,000,000	4,280	1FM 2FE
87264A-BC-8	T-MOBILE USA INC		04/02/2020	DEUTSCHE BANK SECURITIES. INC.			1,000,000	0	2FE
87264A-BE-4	T-MOBILE USA INC		04/02/2020	DEUTSCHE BANK SECURITIES, INC.		3,971,120	4,000,000	0	2FE
87342R-AC-8	TBELL_16-1A		04/02/2020	GUGGENHEIM CAPITAL MARKETS, LLC		172,989	177,481	1,005	
89832Q-AF-6 898813-AR-1	TRUIST FINANCIAL CORP COM TUCSON ELECTRIC POWER CO		06/16/2020 04/06/2020	RBC CAPITAL MARKETS		4,500,000 1,982,760	4,500,000 2,000,000		2FE 1FE
90270R-AJ-3	UBSBB 12-C4		04/06/2020	J.P. MORGAN SECURITIES, INC.		6, 109, 356	6,575,000	1,579	
90345W-AA-2	US AIRWAYS 2012-1 CLASS A PASS THR		06/01/2020	VARIOUS		1,439,707	1,673,276	13,324	1FE
90345W-AD-6	US AIRWAYS 2012-2 CLASS A PASS THR		04/21/2020	VARIOUS			859,774	15, 167	
90346W-AA-1 909319-AA-3	US AIRWAYS 2013-1 PASS THROUGH UNITED AIRLINES 2013-1 CLASS A PAS		04/29/2020	BARCLAYS CAPITAL INC		3,451,711 6,797,934	4,230,554 7,707,356	73,940 74,551	
90932E-AA-1	UNITED AIRLINES INC		05/15/2020	AMHERST PIERPONT		4,627,784	5,207,071		
90932J-AA-0	UNITED AIRLINES 2019-2 CLASS AA PA		05/05/2020	R.W. PRESSPRICH & CO., INC.		1, 192, 400	1,355,000		1FE
91533B-AE-0	UPJOHN INC		06/17/2020	GOLDMAN SACHS & CO		3,991,680	4,000,000		2FE
92537D-AB-6 92537F-AC-9	VERUS_19-1		04/22/2020	CANTOR FITZGERALD			762,406 3,054,858	1,918 7.139	
928563-AE-5	VINIARE INC		04/02/2020	J.P. MORGAN SECURITIES, INC.		6,371,876	6,375,000		2FE
928563-AF-2	VMNARE INC		04/02/2020	J.P. MORGAN SECURITIES, INC.		5,729,473	5,750,000		2FE
92890P-AH-7	WFRBS_13-C14		04/08/2020	CITIGROUP GLOBAL MARKETS INC		2,400,925	2,697,669	3,454	
92936Y-AG-6 92938E-BJ-1	WFRBS_12-C8		04/01/2020	J.P. MORGAN SECURITIES, INC.			7,457,000 2,505,000	2,023	
949831-AS-0	WFMBS_19-3		04/23/2020	WACHOVIA CAPITAL MARKETS LLC		2,014,450	2,011,707	5,085	
94990E-AA-2	WFCM_18-AUS		04/23/2020	WACHOVIA CAPITAL MARKETS LLC		3,642,461	3,500,000	10,258	
BIN174-TG-1	PROFESSIONAL PHYSICAL THERAPY LV STADIUM EVENTS CO LLC		04/01/2020	CAPITALIZED INTEREST		9,912	9,912	0	5G1
BIN1E1-0P-0	BANK OF NOVA SCOTIA	Δ	06/30/2020 05/28/2020	SCOTIA USA INC		2,100,000 2,000,000	2,100,000 2,000,000		2FE
725906-AN-1	BARRICK GOLD CORPORATION	A	05/27/2020	MIZUHO SECURITIES USA INC		3,408,250	2,500,000	19,708	
04002R-AA-8	AREIT_20-FL4	D	05/19/2020	WACHOVIA CAPITAL MARKETS LLC		1,997,500	2,000,000	0	1FE
05523R-AD-9 055451-AX-6	BAE SYSTEMS PLC	D	04/07/2020 06/15/2020	DEUTSCHE BANK SECURITIES, INC.  JEFFERIES & COMPANY. INC.		4,964,800 5,186,250	5,000,000 4,500,000	0	2FE
05549V-AA-6	BDS 18-FL2	D	06/15/2020	WACHOVIA CAPITAL MARKETS LLC			4,500,000 6,244,697	48,938	
05565Q-DV-7	BP CAPITAL MARKETS PLC	D	06/17/2020	BANK OF AMERICA SECURITIES LLC		11,500,000	11,500,000	0	2FE
056752-AQ-1	BAIDU INC	D	04/01/2020	GOLDMAN SACHS & CO		1,297,309	1,300,000	0	1FE
11124T-AC-8 12434L-AA-2	BDRVR_20-1A	υ	05/21/2020 04/30/2020	CITIGROUP GLOBAL MARKETS INC		1,990,000 3,780,525	2,000,000 3,990,000		1FE
12434L-AC-8	BXMT 20-FL2	D	05/04/2020	BANK OF AMERICA SECURITIES LLC		1,380,938			
143658-BC-5	CARNIVAL CORP	D	04/01/2020	J.P. MORGAN SECURITIES, INC.		1, 188,000	1,200,000	0	2FE
21987B-BC-1	CORPORACION NACIONAL DEL COBRE DE	D	04/29/2020	SCOTIA USA INC		1,746,780	1,750,000	0	1FE
279158-AN-9	ECOPETROL SA XAN 19-RS07	η	04/24/2020	J.P. MORGAN SECURITIES, INC. WACHOVIA CAPITAL MARKETS LLC		3,964,480 1,211,250	4,000,000 1,500,000	1,771	2FE
494386-AD-7	KIMBERLY-CLARK DE MEXICO	D	06/24/2020	J.P. MORGAN SECURITIES, INC.		2,000,000	2,000,000	0	2FE
55818H-BG-2	MDPK_12-10A	D	04/14/2020	MORGAN STANLEY & CO. INC.		3, 106, 675	3,250,000	28,099	1FE
55954Y-AC-9	MAGNE_20-26A	D	05/18/2020	GOLDMAN SACHS & CO		1,000,000	1,000,000	o	1FE
62954H-AD-0 65120F-AD-6	NXP BV/NXP FUNDING LLC	υ	04/29/2020 05/07/2020	GOLDMAN SACHS & CO	·····	2,493,700 2,491,950	2,500,000 2,500,000	0 ^	2FE
671078-AC-7	OCP 20-18A	D	05/07/2020	BANK OF AMERICA SECURITIES LLC		1,000,000	1,000,000	0	1FE
67402F-AC-3	OAKCL_20-1A	D	05/14/2020	BARCLAYS CAPITAL INC		995,000	1,000,000	0	1FE
69701K-AC-6	PSTAT_20-3	D	05/19/2020	CITIGROUP GLOBAL MARKETS INC	ļ	1,900,000	1,900,000	0	1FE
71654Q-CP-5 81180W-AZ-4	PETROLEOS MEXICANOS	υ	05/06/2020 06/18/2020	SANTANDER INVESTMENT		1,464,300 408,000	1,800,000 408,000	34, 125	3FE 2FE
817176-AS-9	SPARK 14-1A	D	04/01/2020	BARCLAYS CAPITAL INC		1,438,125	1,500,000	12,789	
86315R-AC-3	STRAS 20-1A	D	04/02/2020	CITIGROUP GLOBAL MARKETS INC		3,465,000	3.500.000	0.12	1FF

## **SCHEDULE D - PART 3**

			Show All I	ong-Term Bonds and Stock Acquired During the Current Quarter					
1	2	3	4	5	6	7	8	9	10
•	_	_				-	-		NAIC
									Designation
									and
					Number of			Paid for Accrued	Admini-
CUSIP			Date		Shares of			Interest and	strative
Identification	Description	Foreign	Acquired	Name of Vendor	Stock	Actual Cost	Par Value	Dividends	Symbol
87190C-AE-0	TCW 20-1A	D	04/22/2020	JEFFERIES & COMPANY, INC.		2,000,000	2,000,000	0	1FE
87232B-AC-6	SYMP 17-1A	D	05/14/2020	J.P. MORGAN SECURITIES, INC.		950,000	1,000,000	2.676	1FE
874060-AY-2	TAKEDA PHARMACEUTICAL CO LTD	D	06/29/2020	BANK OF AMERICA SECURITIES LLC		3,000,000	3,000,000		2FE
88032W-AU-0	TENCENT HOLDINGS LTD	D	05/27/2020	MORGAN STANLEY & CO. INC.		3.998.920	4,000,000	0	1FE
88432G-AQ-0	WINDR 15-2A	D	04/14/2020	J.P. MORGAN SECURITIES, INC.		951,600	1,000,000	69	1FE
92857W-BD-1	VODAFONE GROUP PLC	D	06/19/2020	SEAPORT GROUP		11,827,400	10,000,000	150.694	
BIN1EG-RN-3	ECUADOR DIVERSIFIED PAYMENT RIGHTS	D	02/20/2020	PRIVATE DIRECT		(8, 150, 000)	(8, 150, 000)	0	4FE
BIN1FY-51-5	ECUADOR DIVERSIFIED PAYMENT RIGHTS	D	02/20/2020	PRIVATE DIRECT				0	4FE
G0488*-AA-2	ATLANTICA YIELD PLC	В	04/01/2020	PRIVATE DIRECT		14,638,160		0	2PL
G4910@-AB-8	INTERSERVE HOLDINGS LTD	В	06/30/2020	PRIVATE DIRECT		0	409,716	0	4Z
T1890*-AA-8	BARILLA HOLDING SPA	D	05/01/2020	PRIVATE DIRECT		5.376.620	4.750.000	1,595	2
T8677*-AA-2	SOGEFI SPA	D	06/15/2020	VARIOUS		4,320,228	4,400,000	44,000	
3899999. Sub	total - Bonds - Industrial and Miscellaneous (Unaffiliated)			<u> </u>		866,444,706	883,789,077	2,991,973	XXX
	ıl - Bonds - Part 3					1,222,372,737	932.525.690	6,774,086	XXX
8399998. Tota	ıl - Bonds - Part 5					XXX	XXX	XXX	XXX
8399999. Tota						1,222,372,737	932,525,690	6,774,086	
003009-2#-3	ABERDEEN ASIA PACIFIC INC FND MRPS	ı	05/01/2020	VARIOUS	56.000.000	1,222,372,737	0.00	0,774,080	1FE
092570-12-5	BLACKSTONE/GSO STRATEGIC CREDIT FD		05/01/2020	DIRECT		725, 180	0.00	0	1FE
09258*-12-6	BLACKSTONE/GSO LG-SHT CRED INC FD		05/01/2020	DIRECT	300.000	310,791	0.00	0	1FE
18469P-3#-5	CLEARBRIDGE ENERGY MLP OPPOR FUND		05/01/2020	TRANSFER IN	2.000		0.00	0	2FE
18469P-4#-4	CLEARBRIDGE ENERGY MLP OPPOR FUND		05/01/2020	VARIOUS	4.000	404,560	0.00		2FE
18469Q-3#-3	CLEARBRIDGE ENERGY MLP TOT RET FND		05/01/2020	TRANSFER IN	2.000	205,685	0.00		2FE
184690-4#-2	CLEARBRIDGE ENERGY MLP TOT RET FND		05/01/2020	TRANSFER IN	2.000	202,280	0.00		2FE
293640-10-7	ENTERGY UTILITY HOLDING CO		05/01/2020	PRIVATE DIRECT	10.700.000	12.639.396	0.00	0	21 L
293649-12-3	ENTERGY UTILITY HOLDING CO		05/01/2020	PRIVATE DIRECT	12.000.000	13,221,912	0.00	0	
48249T-20-5	KKR INCOME OPPORTUNITIES FUND		05/01/2020	PRIVATE DIRECT	116.000.000	3,287,440	0.00	0	1FE
486606-5#-9	KAYNE ANDERSON KYN FUND		05/01/2020	TRANSFER IN	2,026.000	51,213	0.00		2FE
486606-6#-8	KAYNE ANDERSON KYN		05/01/2020	TRANSFER IN	14.187.000		0.00	0	2FE
486606-7#-7	KAYNE ANDERSON KYN FUND		05/01/2020	PRIVATE DIRECT	36,482.000		0.00		2FE
48661E-4*-6	KAYNE ANDERSON KMF FUND		05/01/2020	VARIOUS	3,322.000	83,974	0.00		2FE
48661E-5*-5	KAYNE ANDERSON MIDSTREAM/ENERGY FU		05/01/2020	PRIVATE DIRECT	13,286.000		0.00		2FE
89147L-2#-6	TORTOLSE ENERGY INFRASTRUCTURE MRPS		05/01/2020	TRANSFER IN	48,939.000		0.00		2FE
89147L-3#-5	TORTOISE ENERGY INFRASTRUCTURE MRPS		05/01/2020	TRANSFER IN	37.194.000	383.396	0.00		2FE
	total - Preferred Stocks - Industrial and Miscellaneous (Unaffiliated) Perpetu	al Preferred		110100 201 111	, ioi	35.272.420	XXX	0	
	Il - Preferred Stocks - Part 3					35,272,420	XXX	0	XXX
	Il - Preferred Stocks - Part 5					XXX	XXX	XXX	XXX
	Il - Preferred Stocks					35,272,420	XXX	0	
BIN0YZ-B7-3	COSO GEOTHERMAL POWER HOLDINGS	ı	05/01/2020	DIRECT	144.772	4.343.160	7000	0	7000
FHLBB0-ST-3	FEDERAL HOME LOAN BANK OF BOSTON		04/07/2020	DIRECT	7.140.000	714.000		0	
	total - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other	I		VIIIEVI		5.057.160	XXX		XXX
	Il - Common Stocks - Part 3					5.057,160	XXX	0	XXX
	ıl - Common Stocks - Part 5					XXX	XXX	XXX	XXX
	II - Common Stocks - Part 5						XXX	^^^	XXX
						5,057,160		0	
	Il - Preferred and Common Stocks					40,329,580	XXX	0	XXX
9999999 - Tota	als					1,262,702,317	XXX	6,774,086	XXX

					Show All Lo	ng-Term Bo	onds and Sto	ck Sold, Red	deemed or (	Otherwise I	Disposed	of During t	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10				Carrying Va		16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairmen	t Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion		` 13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
36176L-GJ-8			06/01/2020	MBS PAYDOWN		79,773	79,773	84,560		0	(363)		(363)	0	79,773	0	0	0	1,301	07/20/2041 .	1FE
36202A-NQ-6			06/01/2020	MBS PAYDOWN		83	83	88	83	0	0	0	0	0	83	0	0	0	3	10/20/2022	1FE
36202B-Y5-8			06/01/2020	MBS PAYDOWN		17	17	19	18	0	0	0	0	0	17	0	0	0	1	06/20/2021	1FE
36202D-KL-4			06/01/2020	MBS PAYDOWN		2,204	2,204	2,205	2,204	0	0	0	0	0	2,204	0	0	0	68	11/20/2030	1FE
36202F-HX-7 36202F-UF-1			06/01/2020 06/01/2020	MBS PAYDOWN		192,710	192,710	201,894	193,356	0	(646)		(646)	0	192,710	0	0	0	3,637	07/20/2040	1FE
36202F-V9-4			06/01/2020	MBS PAYDOWN		144,215	144,215	155,752	144,934		(274)		(274)		144,215	0			2,776	06/20/2041 08/20/2041	1FF
36202F-X9-2	GNMA2 30YR		06/01/2020	MBS PAYDOWN		50.645	50,645	53,969	50,862	0	(217)		(217)		50,645	0	0	0	971	10/20/2041	1FE
36223D-SG-2		.	06/01/2020	MBS PAYDOWN		87	87	96	88	0	(1)		(1)	0	87	0	0	0	3	05/15/2021	1FE
36297F-K6-8	GNMA 30YR		06/01/2020	MBS PAYDOWN		4,952	4,952	5, 172	4,965	0	(12)	0	(12)	0	4,952	0	0	0	103	12/15/2039	1FE
36297F-KW-1	GNMA 30YR		06/01/2020	MBS PAYDOWN		8,523	8,523	8,901	8,572	0	(49)	0	(49)	0	8,523	0	0	0	177	12/15/2039	1FE
040040 01/ =	TREADURY ROUR (OTR)		04/00/0000	DEUTSCHE BANK		F0 675 70:	05 000 005	04 040 055	04 000 455	_	7 40:	_		_	04 000 05-	_	40 700 70-	40 700 70-	004 45-	00 /45 /00 45	
	TREASURY BOND (OTR)	J	04/22/2020	SECURITIES, INC		52,975,781	35,000,000	34,042,969	34,229,495	0	7,491		7,491	0	34,236,987	0		18,738,795	931,490	08/15/2040	. 1
	Subtotal - Bonds - U.S. Governments	15 1	04/04/0005	Luna Divinaini		53,518,859	35,543,078	34,619,423	34,774,856	0	5,210		5,210	0	34,780,065	0	10,100,100	18,738,795	941,687	XXX	XXX
	RUSSIAN (FEDERATION OF) REGS	. D		MBS PAYDOWN		1,018,360	1,018,360	1, 129, 423	1,021,805	0	(3,445)		(3,445)	0	1,018,360	0		0		03/31/2030	2FE 4FE
U30/4H-AB-U	BAHRAIN KINGDOM OF (GOVERNMENT)	. D	06/22/2020	GOLDMAN SACHS & CO SMBC NIKKO SECURITIES		2, 186, 625	2,100,000	2,097,207	2,099,133	0	156		156	0	2,099,289	0	87,336	87,336	124,695	07/05/2022	. 4FE
05674R-AC-8	BAHRAIN KINGDOM OF (GOVERNMENT)	n	06/22/2020	AMERICA		1,577,700	1,500,000	1,491,705	1,496,434	0	434	0	434	0	1,496,868	0	80,832	80,832	82,432	08/01/2023	4FF
	District Kindson of (dotalished)			J.P. MORGAN SECURITIES,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			, 100, 101						, 100,000						
05674R-AF-1	BAHRAIN KINGDOM OF (GOVERNMENT)	. D	06/08/2020	INC		1,676,655	1,500,000	1,500,000	1,500,000	0	0	0	0	0	1,500,000	0	176,655	176,655	91,583	01/26/2026	4FE
	BERMUDA (GOVERNMENT)	D	06/23/2020	CIBC OPPENHEIMER CORP		1,248,500	1,135,000	1,135,000	1,135,000	0	0	0	0	0	1,135,000	0	113,500	113,500	48,818	02/06/2024	1FE
	BRAZIL FEDERATIVE REPUBLIC OF (GOV	D	05/27/2020	BRADESCO SECURITIES		836,801	795,000	791,844	793,234	0	249		249	0	793,483	0	43,318	43,318	32,275	01/13/2028	3FE
71654Q-CG-5		D	05/06/2020	SANTANDER INVESTMENT		1,494,000	1,800,000	1,898,766	1,878,664	0	(3, 152)		(3, 152)	0	1,875,513	0	(381,513)	(381,513)	76,375	03/13/2027	3FE
78307A-DB-6	RUSSIAN FEDERATION (GOVERNMENT)	. D	04/29/2020	MORGAN STANLEY & CO.		1,800,000	1,800,000	1,809,000	1,800,398	0	(398)	,	(398)	0	1,800,000	0		0	45,000	04/29/2020	. ZFE
80413T-AB-5	SAUDI INTERNATIONAL BOND	n	04/16/2020	INC.		1,317,875	1,300,000	1,282,827	1,287,676	0	488	0	488	0	1,288,163	0	29,712	29,712	20,421	10/26/2026	1FF
,001101 112 0				HSBC SECURITIES (USA)		, 0 , 0 . 0		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,													
836205-BA-1	SOUTH AFRICA (REPUBLIC OF)	. D	05/06/2020	INC		1,712,500	2,000,000	2,000,000	2,000,000	0	0	0	0	0	2,000,000	0	(287,500)	(287,500)	58,739	09/30/2029	3FE
				CREDIT SUISSE SECURITIES																	
	TURKEY (REPUBLIC OF)	D	05/06/2020	(USA) LLC		1,923,750	2,250,000	2,236,748	2,238,931	0	391	0	391	0	2,239,323	0	(315,573)	(315,573)	83,602	02/17/2028	4FE
90015L-AA-5	TURKIYE IHRACAT KREDI BANKASI AS	D	06/16/2020	BBVA SECURITIES INC		503,850	500,000	497,840	499,473	0	218	0	218	0	499,691	0	4, 159	4, 159	23, 142	02/08/2021 .	4FE
E0/011_75_1	PETRO CO TRIN/TOBAGO LTD	n	05/08/2020	SINKING FUND REDEMPTION		104, 167	104, 167	111.042	104 . 167		0	0		0	104, 167	0	0	١ ،	3, 125	05/08/2022	3FF
	Subtotal - Bonds - All Other Governme	onto.	93/00/2020			17.400.783	17.802.527	17.981.402	17.854.915		(5.059)	) 0	(5,059)		17.849.857	0	(449.074)	(449.074)		XXX	XXX
373384-NZ-5		enis	05/18/2020	CORPORATE ACTION		2,045,000	2,045,000	2,045,000	2,045,000	0	(5,059)		(5,059)	0	2,045,000	0	( , ,	(449,074)	50,392	11/01/2025	1FE
	PENNSYLVANIA ST		05/01/2020	CORPORATE ACTION		5.000.000	5.000.000	4.809.650	4.789.489		107.617		107.617		4.897.106	0	102.894	102.894	133.750	05/01/2030	
	Subtotal - Bonds - U.S. States, Territo	ries an				7,045,000	7,045,000	6,854,650	6.834.489	0	107,617		107,617	n	6,942,106	0	,	102,894	184,142	XXX	XXX
30711X-5R-1				MBS PAYDOWN		1,346,224	1,346,224	1,204,871	0,004,409	0	24, 157		24, 157	0	1,346,224	0	102,034	102,034	11,202	03/25/2031	3
30711X-AB-0			06/25/2020	MBS PAYDOWN		271,003	271,003	273,511	271,310	0	(306)		(306)	0	271,003	0	0	0	7,787	10/25/2023	1
30711X-AD-6		. [	04/03/2020	AMHERST PIERPONT		4,302,659	4,565,155	4,368,283	4,500,610	0	211	0	211	0	4,500,821	0	(198, 162)	(198, 162)	78,740	01/25/2024	1
30711X-AF-1		.	06/25/2020	MBS PAYDOWN		1, 176, 980	1, 176, 980	1,074,109	1, 169, 304	0	7,676		7,676	0	1, 176, 980	0	0	0	19,968	05/25/2024	. 1
30711X-AH-7		.	06/25/2020	MBS PAYDOWN		359,715	359,715	324,446	356,483	0	3,232		3,232	0	359,715	0	ļ0	0	6, 131	05/25/2024	. [1
30711X-AK-0 30711X-AP-9			06/25/2020	MBS PAYDOWN		41,579 201,416	41,579 201,416		41, 132	0	447 54		447 54	0	41,579 201,416	00	0		777 5.447	07/25/2024 11/25/2024	-
30711X-AP-9 30711X-AT-1			06/25/2020 06/25/2020	MBS PAYDOWN		1.633.393	1,633,393	1,678,787	1,615,095				(6,407)	0	1,633,393	0	0			11/25/2024	1
30711X-AX-2			06/25/2020	MBS PAYDOWN		3,273,153	3,273,153	3,433,161	3,288,359	0	(6,407)		(15, 207)	0	3,273,153	0	0	0		05/25/2025	1
30711X-BB-9			06/25/2020	MBS PAYDOWN		3,460,016	3,460,016	3,791,487	3,508,897	0	(48,881)		(48,881)	0	3,460,016	0	0	0	91,850	07/25/2025	
30711X-BF-0	CAS_15-C04		06/25/2020	MBS PAYDOWN		3,774,269	3,774,269	4,284,939	3,845,006	0	(70,736)		(70,736)	0	3,774,269	0	0	0	116,057	. 04/25/2028	1
30711X-C3-6		. []	06/25/2020	MBS PAYDOWN		7,372,043	7,372,043	7,226,018	4,323,806	0	16,544		16,544	0	7,372,043	0	0	0	90,561	08/25/2030	. 2
30711X-CB-8		. [	06/25/2020	MBS PAYDOWN		231, 180	231, 180	250,974	235,297	0	(4, 117)		(4, 117)	0	231, 180	0	0	0	7,464	09/25/2028	. 1
30711X-CT-9			06/25/2020	MBS PAYDOWN			873,252	960,782	890,635	0	(17,384)		(17,384)	0	873,252	0	0	0	27,619	10/25/2028	. 1
30711X-DE-1 30711X-DK-7			06/25/2020 06/25/2020	INTEREST ONLY PAYMENT MBS PAYDOWN		0 2,749,910	2,749,910	56,549		0	(74,794)		(74,794)	0	2.749.910	0	0	0	40,639	01/25/2029 01/25/2029	1
30711X-DS-0			06/25/2020	MBS PAYDOWN		3.710.416	3,710,416	3,862,161	3,310,243	n	(26,056)		(26,056)	n	3,710,416	n	n	n	92.281	04/25/2029	1
30711X-EP-5			06/25/2020	MBS PAYDOWN		492,159	492, 159	530 , 109	497,426	0	(5,267)		(5, 267)	0	492, 159	0	0	0	10,433	07/25/2029	1
30711X-GP-3			06/25/2020	MBS PAYDOWN		274,885	274,885	269,387	0	0	1, 193	0	1, 193	0	274,885	0	0	0	3,550	09/25/2029	1
30711X-J7-0		<u>. [ ]</u>	06/25/2020			2, 158, 640	2, 158, 640	2, 165, 832	2,161,237	0	(2,597)		(2,597)	0	2, 158, 640	0	0	0	33,416	10/25/2030	2

					Show All Lo	ng-Term Bo	nds and Stoc	k Sold, Rec	deemed or (												
1	2	3	4	5	6	7	8	9	10			ok/Adjusted	Carrying Va		16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on		(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion		13)	Value	Date	Disposal		Disposal	Year	Date	Symbol
30711X-NT-7		0.9	06/25/2020	MBS PAYDOWN	O.CO.	1,303,885	1.303.885	1.329.963	1,312,504	0	(8,619)		(8,619)	0	1.303.885	0.00000	0	0	20,046	01/25/2030	1
30711X-NX-8			06/25/2020	MBS PAYDOWN		1,388,268	1,388,268	1,399,799	1,036,212	0	(1,680)		(1,680)	0	1,388,268	0	0	0	17,881	01/25/2030	1
30711X-QC-1			06/25/2020	MBS PAYDOWN		1,045,882	1,045,882	1,062,224	1,050,914	0	(5,032)		(5,032)	0	1,045,882	0	0	0	15,959	01/25/2030	1
30711X-R6-3			06/25/2020	MBS PAYDOWN		2,826,350	2,826,350	2,545,481	0	0	38,247	0	38,247	0	2,826,350	0	0	0	26,825	12/25/2030	3
30711X-SX-3			06/25/2020	MBS PAYDOWN		602,725	602,725	584,643	0	0	3, 187	0	3, 187	0	602,725	0	0	0	6, 109	02/25/2030	. 2
30711X-WX-8			06/25/2020	MBS PAYDOWN		92,954	92,954	93,884	93,084	0	(129)	00	(129)	0	92,954	0	0	0		05/25/2030	. 2
30711X-Y2-4 30711X-YX-6			06/25/2020 06/25/2020	MBS PAYDOWN		1,800,897 2,281,624	1,800,897 2,281,624	1,600,357 2,289,963		0	33,606	0	33,606	0	1,800,897 2,281,624	0	0	0	18,076 29,289	01/25/2031 07/25/2030	. 2
31282Y-AC-3			06/01/2020	INTEREST ONLY PAYMENT		2,201,024 N		2,209,903	15	n	(2, 109)		(2, 109)	n	£,201,024	n	n	n	29,269	11/01/2021	1FF
31282Y-AE-9			06/01/2020	INTEREST ONLY PAYMENT	Ī	0	0	224	49	0	(13)		(49)	0	0	0	0	0	69	06/01/2022	1FE
31282Y-AL-3			06/01/2020	INTEREST ONLY PAYMENT		0		234	65	0	(65)		(65)	0	0	0	0	0	107	11/01/2021	1FE
31282Y-AM-1	FHSTR_136 B		06/01/2020	INTEREST ONLY PAYMENT		0	L0 [.	123	34	0	(34)		(34)	0	0	0	0	0	61	11/01/2021	1FE
31282Y-AN-9			06/01/2020	INTEREST ONLY PAYMENT		0	0	134	26	0	(26)		(26)	0	0	0	0	0	37	08/01/2022	1FE
31282Y-AR-0			06/01/2020	VARIOUS		0	<u>0</u>	17	12	0	(12)		(12)	0	0	0	0	0	14	09/01/2021	1FE
31282Y-AS-8			06/01/2020 06/01/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	ا رواید		22	ō	(22)		(22)	0	ō	0	0	0	27	10/01/2022	1FE
31282Y-CW-7 31282Y-NS-4			06/01/2020	INTEREST ONLY PAYMENT		0		21,731	301 1,542	0	(301)		(301)	0		0		0	462 2,942	04/01/2030	IFE
31282Y-NU-9			06/15/2020	INTEREST ONLY PAYMENT				18,365	1,342	0	(1,342)		(1,342)		ν				2,942	08/15/2036 08/15/2036	1FE
31282Y-YA-1			06/15/2020	INTEREST ONLY PAYMENT		0	0	4,504		0	(339)		(339)	0	0	0	0	0	609	12/15/2036	1FE
31283E-AC-6			06/01/2020	INTEREST ONLY PAYMENT		0	0	41	14	0	(14)		(14)	0	0	0	0	0	21	07/25/2022	1FE
	FGOLD 30YR		06/01/2020	MBS PAYDOWN		9	9	10	9	0	0	0	0	0	9	0	0	0	Ω	01/01/2022	1FE
	FGOLD 30YR GIANT		06/01/2020	MBS PAYDOWN		261	261	291	264	0	(3)	0	(3)	0	261	0	0	0	10	04/01/2025	1FE
	FGOLD 30YR GIANT		06/01/2020	MBS PAYDOWN		11	11	12	11	0	0	0	0	0	11	0	0	0	0	08/01/2021	1FE
31283G-YX-9			06/01/2020	MBS PAYDOWN		42	42	43	42	0	0	0	0	0	42	0	0	0	1	06/01/2027	1FE
3128HU-5X-5			06/01/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0		52,375	3,895		(3,895)		(3,895)	0		0	0	0	5,752	. 01/15/2036	1FE 1FF
3128HU-A5-0 3128HU-A8-4			06/15/2020	INTEREST ONLY PAYMENT			۷	3,985	261		(261)		(261)				0		542 708	05/15/2037 05/15/2037	1FF
3128HU-BP-5			06/15/2020	INTEREST ONLY PAYMENT		0	0	13,338	905	0	(905)		(905)	0	0	0	0	0	1.739	05/15/2037	1FF
3128HU-CK-5			06/15/2020	INTEREST ONLY PAYMENT		0		31,337	2,166	0	(2, 166)		(2,166)	0	0	0	0	0	4,018	.05/15/2037	1FE
3128HV-A5-8	FGLMC_225		06/01/2020	MBS PAYDOWN		39,396		36,417	39,099	0	297	0	297	0	39,396	0	0	0	Ω	11/01/2033	1FE
3128HW-C6-2			06/01/2020	MBS PAYDOWN		38,450		34,527	38,064	0	386	0	386	0		0	0	0	0	11/15/2036	1FE
3128HX-WK-7			06/01/2020	MBS PAYDOWN		215,721	215,721	168,666	212, 133	0	3,587	0	3,587	0	215,721	0	0	0	0	08/15/2042	1FE
3128K5-ZE-5			06/01/2020	MBS PAYDOWN		9,303	9,303	9,600	9,317	0	(14)		(14)	0	9,303	0	0	0	235	02/01/2035	1FE
	FGOLD 30YR GIANTFGOLD 30YR GIANT		06/01/2020 06/01/2020	MBS PAYDOWN		1, 156 18,875	1,156 18,875	1,253	1, 159	0	(4) (71)		(4)	0	1, 156	0	0	0	32	08/01/2038 11/01/2038	1FE 1FE
	FGOLD 30TR GIANT		06/01/2020	MBS PAYDOWN		2,146,037	2,146,037	2,394	2,169,668	n	(23,631)		(23, 631)	o	2,146,037	n	n	0 n		03/01/2046	1FE
	FGOLD 30YR GIANT		06/01/2020	MBS PAYDOWN		812,514	812,514	847 , 173	820,506	0	(23,001)		(20,001)	0	812,514	0	0	0	12,055	12/01/2045	1FE
312903-D6-1			04/13/2020	PRIOR YEAR INCOME		0	L [.	0	Ω	0	0	0	0	0	0	0	0	0	30	04/15/2021	1FE
	FHLMC_163 G		04/15/2020	VARIOUS		16	16	97	91	0	(75)		(75)	0	16	0	0	0	40	07/15/2021	1FE
312904-3F-0			05/15/2020	MBS PAYDOWN		913	913	1,058	948	0	(35)		(35)	0	913	0	0	0	91	02/15/2021	1FE
312904-LH-6			06/15/2020	MBS PAYDOWN		454	454	548	478	ļ	(24)		(24)	0	454	0	ļ0	0	70	10/15/2020	1FE
312904-NJ-0 312904-PG-4			04/01/2020	MBS PAYDOWN		0	92	1		0				0	0	0	0	0	11	10/15/2020 10/15/2020	1FE 1FF
312904-PG-4 312904-PS-8			06/15/2020	MBS PAYDOWN		92	92	447	98		(5)		(5)	0			0 n	0	66	10/15/2020	IFE   1FF
312904-W9-2			06/01/2020	MBS PAYDOWN		2		447		0	(20)		(20)	0	2	0	0	0	6	01/15/2020	1FE
312905-5J-7			06/15/2020	MBS PAYDOWN	[	9	9	39	21	0	(12)		(12)		9	0	0	0	23	06/15/2021	1FE
312905-DR-0			06/01/2020	MBS PAYDOWN		14	14	127	49	0	(35)		(35)		14	0	0	0	58	03/15/2021	1FE
312905-EH-1	FHLMC_1050 X		06/01/2020	MBS PAYDOWN		3		59	5	0	(3)	0	(3)	0	3	0	0	0	6	03/15/2021	1FE
312905-MF-6			06/01/2020	MBS PAYDOWN		23	23	95	72	0	(49)		(49)	0	23	0	0	0	34	04/15/2021	1FE
312906-7A-2			06/15/2020	MBS PAYDOWN	ļ	534	534	691	569	<u>0</u>	(35)		(35)	0	534	ļ0	ļ0	0	78	09/15/2021	1FE
	FHLMC_1131 F		06/15/2020	MBS PAYDOWN	ł	567 14	567	721 155	611	ļ0	(44)		(44)	0	567 14	0	ļ0	0	94 58	09/15/2021	1FE 1FF
312906-XX-3 312907-5H-7			06/01/2020	MBS PAYDOWN		14	14	155	44 21	0	(30)		(30)	0	14	0	0	0	58	07/15/2021 01/15/2022	1FE 1FF
312907-5H-7			06/01/2020	MBS PAYDOWN			381	404	386	n	(4)		(4)	0 n	381	 n	n	0 n	17	01/15/2022	IFE 1FE
312907-NU-8			06/15/2020	MBS PAYDOWN		1,235	1,235	1,605	1,309	0	(73)		(73)	0	1,235	0	0	0	178	10/15/2021	1FE
312907-PB-8			06/01/2020	MBS PAYDOWN		345			342	0	3	0	3	0	345	0	0	0	0	11/15/2021	1FE
312907-PY-8			06/01/2020	MBS PAYDOWN		8,301	8,301	8,392	8,305	0	(4)		(4)		8,301	0	0	0	260	10/15/2021	1FE
312907-SM-1	FHLMC_1161 I	ļ	06/01/2020	MBS PAYDOWN		3,860	3,860	3,422	3,864	0	(3)	00	(3)	0	3,860	0	0	0	104	11/15/2021	1FE

					Show All Lo	ng-Term Bo	onds and Sto	ck Sold, Red	deemed or (	Otherwise I	Disposed o	of During t	he Curren	t Quarter							
1	2	3	4	5	6	7	8	9	10			ok/Adjusted	Carrying V	alue	16	17	18	19	20	21	22
										11	12	13	14	15							
												_	Total	Total							
												Current	Change ir	_	D 1 /				Bond		NAIC
									5: 1/			Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year	l	Current	Other Than	Adjusted	_	Adjusted	Foreign	Daaliaad		Stock	Stated	nation
OLIOID					N				Book/	Unrealized		Temporary		Book	Carrying	Exchange		T. ( . ) O	Dividends	Con-	and
CUSIP			D:I	Nama	Number of	0:-		A =4=1	Adjusted	Valuation	(Amor-	Impairmen	t Value	/Adjusted	Value at	Gain	Gain	Total Gain		tractual	Admini-
Ident-	Description	For-	Disposal	Name	Shares of	Consid-	DenVelue	Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)			13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	FHLMC_1256 E		.06/15/2020	MBS PAYDOWN		21	21	182	68	0	(48)		(48		21	0	0	0	83	04/15/2022	. 1FE 1FE
	FREDDIE MAC FHLMC 1248   IOETTE		.06/15/2020	PRIOR YEAR INCOME		0	0	0	0	0	(13)	0	(13		0	0	0	0	81	03/15/2022	1FE
312909-PF-5	FHLMC_1249 B		.06/01/2020	MBS PAYDOWN		493	493	474	489	0	4	0	4	0	493	0	0	0	0	.04/15/2022	. 1FE
312910-3T-7	FHLMC_1311 LB		.06/01/2020	MBS PAYDOWN		67	67	1,015	229		(163)		( 163		67	0	0	0	287	07/15/2022	. 1FE
312910-H5-4 312910-H9-6	FHLMC_1315 SA		.06/15/2020	MBS PAYDOWN		7	7		161		(154)		( 154		7	0	0	0	285	07/15/2022	. 1FE
	FHLMC_1315 W		.06/01/2020	MBS PAYDOWN			23	∠აⴢ 10	72	0	(49)		(48		23		0	0		07/15/2022 06/15/2022	1FE
	FHLMC 1372 E		.06/15/2020	INTEREST ONLY PAYMENT		0	0	37	11	0	(11)		(11		0	0	0	0	30	09/15/2022	1FE
312912-A6-5	FHLMC_1403 N		.06/01/2020	MBS PAYDOWN		55,858	55,858	53,575	55,763	0	95	0	95	0	55,858	0	0	0	1,755	11/15/2022	. 1FE
	FHLMC_1395 S		.06/15/2020	INTEREST ONLY PAYMENT		0	0	2,059	328	0	(328)		(328		0	0	0	0	590	10/15/2022	. 1FE
	FGOLD 30YR FGOLD 30YR		.06/01/2020	MBS PAYDOWN		11,800	11,800 65	12,482	11,843		(44)		(44		11,800 65	0	0	0	313	11/01/2038 07/01/2029	. 1FE
	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		19	19	20	19		0	0		0	19		0	0	1	06/01/2029	. 1FE
31292G-N3-6	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		87	87	89	88		0	0	0	0	87	0	0	0	3	07/01/2025	1FE
31292H-AA-2	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		30	30	31	30	0	0	0	0	0	30	0	0	0	1	.12/01/2029	. 1FE
	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		40,359	40,359	42,076	40,470		(111)		(111		40,359	0	0	0	645	08/01/2040	. 1FE
	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		139,875	139,875	143,372	140,615		(739)		(739		139,875	0	0	0	2,553	07/01/2043	. 1FE
	FGOLD 30YR FGOLD 30YR		.06/01/2020	MBS PAYDOWN		15,558	15,558 787	16 , 185 822	15,588		(30)		(30		15,558 787		0	0	173	03/01/2040 08/01/2040	. 1FE
	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		27,544	27,544	29,308	27,936		(393)		(393		27.544	0	0	0	574	07/01/2040	1FE
312941-UW-5	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		141,516	141,516	150,736	142,948	0	(1,432)		(1,432		141,516	0	0	0	2,597	08/01/2040	. 1FE
	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		18, 178	18, 178	19,006	18,212		(34)		(34		18, 178	0	0	0	155	08/01/2040	. 1FE
	FGOLD 30YR		.06/01/2020	MBS PAYDOWN		45	45	52	47		(1)		(1		45	0	0	0	2	03/01/2021	. 1FE
31325U-P8-3 31325U-PC-4	FHSTR_304 FHSTR_304		.06/15/2020 .06/15/2020	INTEREST ONLY PAYMENT				34,630 131,797	3,370		(3,370)		(3,370		۷	0	0	0	4,381	12/15/2032 02/15/2042	. 1FE
31325U-PH-3	FHSTR 304		.06/15/2020	INTEREST ONLY PAYMENT			υ	35,364	4.462		(4,462)		(4, 462		υ 0	0	0	0	5.886	12/15/2042	1FF
31325U-PJ-9	FHSTR_304		.06/15/2020	INTEREST ONLY PAYMENT		0	0	74,271	5,827	0	(5,827)	0	(5,827		0	0	0	0	7,290	12/15/2027	. 1FE
31325U-RK-4	FHSTR_311		.06/15/2020	INTEREST ONLY PAYMENT		0	0	960,324	46 , 152	0	(46, 152)		(46, 152		0	0	0	0	84,363	08/15/2043	. 1FE
	FHSTR_365		.06/01/2020	INTEREST ONLY PAYMENT		0	0	1,645,599	0	0	(80,735)		(80,735		0	0	0	0	113,975	10/15/2047	. 1FE
31325X-VH-0 3132HL-DJ-9	FHSTR_365 FHLMC GOLD 30YR		.06/01/2020	INTEREST ONLY PAYMENT		1.003.860	1.003.860	305, 101	1.014.319	0	(22,732)		(22,732		1.003.860	0	0	0	27,381	06/15/2046 .07/01/2042	. 1FE
3132HT-6G-6	FHSTR 327		.06/01/2020	MBS PAYDOWN		876,737		708,211		0	(10,439)	0			876,737	0	0	0		03/15/2044	1FF
3132HT-M9-4	FHSTR 308		.06/01/2020	MBS PAYDOWN		599,077	599,077	436,963	589,703	0	9,374	0	9,374		599,077	0	0	0	0	07/15/2043	1FE
3132HT-SS-6	FHSTR_310		.06/01/2020	MBS PAYDOWN		205,622	205,622	159,277	202,680	0	2,941	0	2,941	0	205,622	0	0	0	Ω	09/15/2043	. 1FE
3132HT-Y6-7	FHSTR_322		.06/15/2020	MBS PAYDOWN			255,854	305,426	258, 196		(2,342)		(2,342		255,854	0	0	0	7,572	12/15/2043	. 1FE
3132QP-A5-3	FHLMC GOLD 30YR		.06/01/2020	MBS PAYDOWN		236,918	236,918	243,951	237,703		(785)		(785		236,918	ļ	ļ	ļ0	2,683	04/01/2045 09/01/2045	. 1FE
	FHLMC MULTIFAM 55DAYFHLMC GOLD 30YR GIANT		.05/01/2020	MBS PAYDOWN		31,576	31,576 485,780	31,783			(4)		(4				0		458	09/01/2045 07/01/2045	1FE
	FHLMC GOLD 30YR GIANT		.06/01/2020	MBS PAYDOWN		576,817	576,817	611,787	580,489		(3,672)		(1,330		576,817	0	0	0	8,786	09/01/2045	1FE
313398-VT-3	FHLMC_T-35 A		.06/25/2020	MBS PAYDOWN		28,520	28,520	28,475	28,576	0	(56)	0	(56	0	28,520	0	0	0	167	09/25/2031	1FE
	FHLMC_2344 PS		.06/15/2020	INTEREST ONLY PAYMENT		0	0		519		(519)		(519		0	0	0	0	1,204	08/15/2031	. 1FE
	FHLMC_2420 MZ		.06/01/2020	MBS PAYDOWN		67,445	67,445	70,501	67,495		(50)	0	(50		67,445	0	0	0	2,085	02/15/2032	. 1FE
	FHLMC_2422 SC		.06/15/2020	INTEREST ONLY PAYMENT			u	777 614	0 16		0				υ n		0	0	331	02/15/2032 10/15/2031	1FE
31339G-C3-3	FHLMC 2369 SU		.06/15/2020	INTEREST ONLY PAYMENT			0	2,803	286		(286)		(286			0	0	0	546	10/15/2031	. 1FE
31339G-VC-2	FHLMC_2380 S		.06/15/2020	INTEREST ONLY PAYMENT		0	0	3,017	24		(24)		(24		0	0	0	0	1, 105	11/15/2031	. 1FE
31339L-JE-1	FHLMC_2396 SM		.06/15/2020	INTEREST ONLY PAYMENT		0	0	663	57		(57)		(57		0	0	0	0	135	12/15/2031	. 1FE
31339M-LE-6	FHLMC_2408 SM		.06/15/2020	INTEREST ONLY PAYMENT			ō	10,846	892	0	(892)		(892		ō	ō	0	0	1,822 99	01/15/2032	. 1FE
	FHLMC_2407 SQ FHLMC_2410 WA		.06/15/2020 .06/15/2020	INTEREST ONLY PAYMENT MBS PAYDOWN			J	231 67	<i>1</i>	0	(7)	'	(7	/0	7	0 n	0 n	0 n	99	01/15/2032	1FE
	FHLMC 2410 QS		.06/15/2020	MBS PAYDOWN		42.526	42,526	46 , 196	41,360	0	1, 166	0		0	42,526	0	0	0	2,713	02/15/2021	. 1FE
31339N-NE-2	FSPC_T-39		.06/01/2020	INTEREST ONLY PAYMENT		0	0	192	0	0	0	0	0	0	0	0	0	0	71	06/25/2032	. 1FE
31339N-TQ-9			.06/15/2020	INTEREST ONLY PAYMENT		0	0	3,139	13		(13)		(13		0	0	0	0	887	03/15/2032	. 1FE
	FHLMC_2439 X1		.06/01/2020	INTEREST ONLY PAYMENT		0	0	2,738	218		(218)		(218		0	0	0	0	337	03/15/2032	.   1FE
	FHLMC_1599 S		.06/15/2020	MBS PAYDOWN		9,422	9,422	10,901 25,618	9,616 23,701		(193)	·  0	(193		9,422 24,268	0	0	0	609 1,570	10/15/2023	. 1FE
	FHLMC 1591 SJ		.06/15/2020	INTEREST ONLY PAYMENT		24,208 N	24,208 N	∠ɔ,ಠ।ಠ	23,701		(62)	0			24,208	0	0	0 n	1,570	10/15/2023 10/15/2023	1FE

					Show All Lo	ng-Term B	onds and Sto	ck Sold, Red	deemed or 0	Otherwise I	Disposed of	of During tl	he Curren	t Quarter							
1	2	3	4	5	6	7	8	9	10	Ch	nange In Bo	ok/Adjusted	Carrying Va	alue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in						Bond		NAIC
											_	Year's	Book/	Exchange	Book/				Interest/	<b>.</b>	Desig-
									Prior Year		Current	Other Than	Adjusted	_	Adjusted	Foreign	D. II. II.		Stock	Stated	nation
OLIOID					N				Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange		T. ( . ) O	Dividends	Con-	and
CUSIP		For	Dianagal	Nama	Number of	Canaid		Astual	Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident- ification	Description	For- eian	Disposal Date	Name of Purchaser	Shares of Stock	Consid- eration	Par Value	Actual Cost	Carrying Value	Increase/ (Decrease)	tization)/ Accretion	Recog- nized	(11 + 12 - 13)	Carrying Value	Disposal Date	(Loss) on Disposal	(Loss) on Disposal	(Loss) on Disposal	During Year	Maturity Date	strative Symbol
3133T2-JH-4		eigii	06/25/2020	. INTEREST ONLY PAYMENT	Stock	eration	rai value	2,115	301	(Decrease)	(301)	nized	(301		Date	Disposai	Disposai	Disposai	516	11/25/2023	1FE
3133T2-RK-8	FHLMC 1609 ID		06/01/2020	. MBS PAYDOWN		13,445	13,445	12,899	13,374	0	71	0	71	0	13,445	0	0	0	0	11/25/2023	1FE
3133T4-3G-9	FHLMC_1715 SB		06/01/2020	MBS PAYDOWN		4,883	4,883	6,642	5, 130	0	(247)	0	(247		4,883	0	0	0	585	04/15/2024	1FE
3133T4-K7-0	FHLMC_1699 SD		06/15/2020	. INTEREST ONLY PAYMENT		0	0	3,037	435	0	(435)		(435		0	0	0	0	825	03/15/2024	1FE
3133T4-YG-5 3133T6-Q5-3	FHLMC_1689   F      FHLMC_1826   SB		06/15/2020 06/15/2020	. MBS PAYDOWN		1,524	1,524	1,913 75	1,586	0	(62)		(62		1,524 0	0	0	0	95	03/15/2024 09/15/2021	1FE
3133T7-WJ-4	FHLMC 1883 S		06/15/2020	. INTEREST ONLY PAYMENT		0	0	217	7	0	(22)		(22		0	0	0	0	106	09/15/2026	1FE
3133T8-AD-9	FHLMC_1908 SB	.	06/01/2020	. INTEREST ONLY PAYMENT		0	0	3,204	560	0	(560)		(560	0	0	0	0	0	909	03/15/2024	1FE
3133T9-5A-9	FHLMC_1932 U		06/01/2020	. MBS PAYDOWN		1,346	1,346	1,206	1,332	0	15	0	15		1,346	0	0	0		02/15/2027	. 1FE
3133TB-HC-7 3133TC-E6-1	FHLMC_98		06/01/2020 06/01/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0 n		379 624	46	0 n	(46)	0	(46		0	0	0	0	66	10/15/2023 03/25/2024	1FE
	FHLMC_2030 S		06/01/2020	. INTEREST ONLY PAYMENT		0	0	1,811	197	0	(99)	0	(197		0	0	0	0	391	02/15/2028	1FE
3133TD-PX-8	FSPC_T-11	.	06/01/2020	. MBS PAYDOWN		14,345	14,345	15,748	14,411	0	(67)		(67	0	14,345	0	0	0	382	01/25/2028	1FE
	FHLMC_2052 SC		06/15/2020	. INTEREST ONLY PAYMENT		ō	0	1,025	80	0	(80)		(80		0	<u>0</u>	0	0	303	04/15/2022	1FE
3133TJ-M8-3 3133TJ-SA-2	FHLMC_2127 S		06/15/2020 06/01/2020	. INTEREST ONLY PAYMENT MBS PAYDOWN		4,013	0	636 .4,206	13	0	(13)		(13		0 4,013	0	0	0	242 104	02/15/2029 03/15/2029	1FE 1FE
3133TP-EH-8	FHLMC 2242 SG		06/17/2020	. INTEREST ONLY PAYMENT		4,013		4,200	191	0	(191)		(191		4,013	0	0	0	269	07/17/2030	1FE
3133TP-K9-9	FHLMC_2245 EA		06/01/2020	. MBS PAYDOWN		1,239	1,239	767	1,225	0	14	0	14		1,239	0	0	0	0	08/15/2030	1FE
3133TP-L5-6	FHLMC_2245 VB		06/01/2020	. INTEREST ONLY PAYMENT		0	0	1,971	378	0	(378)	0	(378		0	0	0	0	489	05/15/2023	1FE
3133TP-L7-2 3133TP-L9-8	FHLMC_2245 VE		06/01/2020 06/15/2020	. MBS PAYDOWN		14,550	14,550	12,454	14, 161	0	389	0			14,550	0	0	0	846 466	05/15/2023 09/15/2022	1FE 1FF
	FHLMC_2259 S	-	06/15/2020	. INTEREST ONLY PAYMENT		0	0	1,046	60	0	(60)	0	(60		 0	0	0	0		10/15/2022	1FF
	FHLMC_2267 S		06/17/2020	. INTEREST ONLY PAYMENT		0	0	52	0	0	0	0	0	0	0	0	0	0	18	08/17/2022	1FE
	FSPC_T-31 A7		06/25/2020	. MBS PAYDOWN		1, 188	1, 188	1 , 188	1, 183	0	5	0	5	0	1, 188	0	0	0	8	05/25/2031	1FE
	FHLMC_2295 SE		06/15/2020 06/17/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	508	36	0	(36)	0	(36	)0	0	0	0	0	86	03/15/2031 05/17/2022	1FE 1FF
3133TR-WQ-4	FHLMC 2292 KS		06/17/2020	. INTEREST ONLY PAYMENT		0	0	893	0 0	0	0	0	0	0	0 0	0	0	0	320	07/25/2022	1FE
3133TS-BJ-1	FHLMC_2293 SM		06/15/2020	. INTEREST ONLY PAYMENT		0	0	6	2	0	(2)	0	(2		0	0	0	0	5	03/15/2031	1FE
3133TT-TN-1	FHLMC_2330 PS		06/15/2020	. MBS PAYDOWN		10,040	10,040	12,067	10,039	0	0	0	0		10,040	0	0	0	770	06/15/2031	1FE
3133TU-F5-2 31358E-2K-7	FHLMC_2323 UD FNMA 90-103 0	-	06/15/2020 06/01/2020	. INTEREST ONLY PAYMENT MBS PAYDOWN		0	0	10,656	1, 140	0	(1,140)	0	(1, 140		0	0	0	0	2,281	10/15/2028 09/25/2020	1FE 1FE
31358E-DT-6	FNMA_90-53 R		04/01/2020	MBS PAYDOWN		48	48	14	245	0	(197)	0	(197		48	0	0	0	2	05/25/2020	1FE
31358E-GT-3	FNMA_90-56 E		04/01/2020	MBS PAYDOWN		26	26	25	27	0	(1)		(1		26	0	0	0	1	05/25/2020	1FE
31358E-H8-8	FNMA_90-91 H		05/01/2020	. MBS PAYDOWN		3	3	20	6	0	(2)		(2		3	0	0	0	10	08/25/2020	1FE
31358E-RC-8 31358E-TT-9	FNMA_90-72 C		06/01/2020 05/01/2020	MBS PAYDOWN		1 49	1	9	3	0	(1) 49	0	(1	)0	1	0	0	0	6	07/25/2020 07/25/2020	1FE 1FF
31358E-VD-1	FNMA 90-82 M		06/01/2020	MBS PAYDOWN		1	49	7	4	0	(3)	0		)	49	0	0	0	4	07/25/2020	1FE
31358F-AW-9	FNMA_90-105 K	.	06/01/2020	MBS PAYDOWN		13	13	90	41	0	(28)	0	(28	0	13	0	0	0	48	09/25/2020	1FE
	FNMA_91-8 J	.	06/01/2020	. MBS PAYDOWN		13	13	135	44	0	(30)		(30		13	0	0	0	56	02/25/2021	1FE
	FNMA_90-122 S		06/25/2020 06/01/2020	. MBS PAYDOWN		354	354	477 65	407 23	0 n	(53)		(53		354	0 n	0 n	0	65	10/25/2020 10/25/2020	1FE 1FF
	FNMA 91–10 K		06/01/2020	MBS PAYDOWN		16	16	103	40	0	(14)		(14		16	0	0	0	38	02/25/2020	1FE
31358F-NF-2	FNMA_90-132 HD		06/01/2020	. MBS PAYDOWN		31	31	123	69	0	(38)	0	(38	0	31	0	0	0	47	11/25/2020	1FE
31358F-NG-0	FNMA_90-132 J		06/01/2020	. MBS PAYDOWN			7	37	20	0	(13)		(13		7	0	0	0	15	11/25/2020	1FE
31358F-V5-5 31358F-VF-3	FNMA_91-17 H		06/01/2020 06/01/2020	. MBS PAYDOWN		10	10	101	37	0	(27)		(27		10	0	0	0	43	03/25/2021 01/25/2021	1FE 1FE
31358G-3B-1	FNMA_G-15 SA		06/25/2020	. MBS PAYDOWN		9	9	54	18	0	(10)		(10		9	0	0	0	35	06/25/2021	1FE
31358G-G2-7	FNMA_91-59 LC		06/01/2020	MBS PAYDOWN		25	25	274	87	0	(62)		(62		25	0	0	0	98	06/25/2021	1FE
31358G-JS-7	FNMA_91-35 K		06/01/2020	. MBS PAYDOWN		12	12	52	22	0	(10)		(10		12	0	0	0	21	04/25/2021	1FE
31358G-L7-0 31358G-MB-0	FNMA_91-61 J FNMA_91-40 K	.	06/01/2020 06/01/2020	MBS PAYDOWN	·	4 12	4	36 71	13	0	(10)		(10	,	4	0	0	0	15	06/25/2021 05/25/2021	1FE 1FF
31358G-R8-2	FNMA_91-40 K		06/01/2020	MBS PAYDOWN		2	2	15	5	0	(14)		(14		2	0	0	0		05/25/2021 05/25/2021	1FE
31358G-UK-1	FNMA_91-46 S		06/25/2020	MBS PAYDOWN		14	14	258	82	0	(68)	0	(68	0	14	0	0	0	132	05/25/2021	1FE
	FNMA_91-56 NB	.	06/01/2020	MBS PAYDOWN	·	19	19	78	34	0	(15)		(15		19	0	0	0	32	06/25/2021	. 1FE
	FNMA_91-96 L	.	06/01/2020 06/01/2020	MBS PAYDOWN		9	9	63 71	22	0	(12)		(12		9	0	0	0	20	08/25/2021	1FE 1FF
31358H-AX-3 31358H-E5-0	FNMA_91-67 M	.	06/01/2020	MBS PAYDOWN				/1	25 9	0 n	(19)		(19				0	0 n	29	08/25/2021 08/25/2021	1FE 1FE
31358H-GD-1			06/01/2020	MBS PAYDOWN		1,946	1,946	2,202	1,963	0	(17)		(17		1,946	0	0	0	73	00/25/2021	1FE
			r- · ·/ E0E0						,500		\' '' /	r	F( 17	,			r				-1 " <del>-</del>

					Show All Lo	ng-Term B	onds and Sto	ock Sold, Re	deemed or 0	Otherwise I	Disposed of	of During th	ne Curren	t Quarter							
1	2	3	4	5	6	7	8	9	10	Ch	nange In Bo	ok/Adjusted	Carrying V	alue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in						Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	FNMA_91-77 PL		06/01/2020 .	. MBS PAYDOWN		7	7	77	28	0	(21)	0	(21		7	0	0	0	33	07/25/2021	1FE
	FNMA_91-102 G		06/01/2020 .	. MBS PAYDOWN		4	4	48	13	0	(9)				4	0	0	0	15	08/25/2021	1FE
	FNMA_91-105 K		06/01/2020 . 06/01/2020 .	MBS PAYDOWN		8	8	103	36	0	(27)		(27		8 3	0			38	09/25/2021 08/25/2021	1FE 1FE
31358H-Z4-0	FNMA 91-109 J		06/01/2020 .	MBS PAYDOWN		1	1	11	4	0	(3)		(3		1	0	0	0	5	09/25/2021	1FE
31358J-2J-9	FNMA_91-141 PJ		06/01/2020 .	. MBS PAYDOWN		5	5	51	16	0	(11)		(11		5	0	0	0	19	10/25/2021	1FE
31358J-BV-2	FNMA_G-26 S		06/25/2020 .	. MBS PAYDOWN		23	23	189	67	0	(44)		(44		23	0	0	0	97	08/25/2021	1FE
31358J-GY-1	FNMA_91-123 Q	.	06/01/2020 .	. MBS PAYDOWN		4	ļ4	44	13	0	(9)		(9		4	······ō	0	J	16	09/25/2021	1FE
31358J-NM-9 31358J-P5-4	FNMA_91-108 V		06/01/2020 . 06/01/2020 .	. MBS PAYDOWN		8	8	90	29	0	(22)		(22		8 o	0	0		32	09/25/2021 10/25/2021	1FE
	FNMA 91-151 C		06/01/2020 .	MBS PAYDOWN		594	594	567	587	0	7	0	7	0	594	0	0	0	0	11/25/2021	1FE
31358K-DL-9	FNMA_91-151 SQ		06/25/2020 .	. MBS PAYDOWN		6	6	259	68	0	(61)	0	(61	)0	6	0	0	0	91	11/25/2021	1FE
31358K-H4-3	FNMA_91-162 V		06/01/2020 .	. MBS PAYDOWN		2	2	29	9	0	(6)	0	(6		2	0	0	0	10	12/25/2021	1FE
	FNMA_91-160 PM		06/01/2020 .	. MBS PAYDOWN		6 11	6	75 94	0 32	0	6	0	6		6	0	0	0	51 45	12/25/2021	1FE
	FNMA_91-166 H		06/01/2020 .	MBS PAYDOWN		15,819	15,819	14,019	15,725	0	(21) 94	0	(21		15,819	0	0	0	45	11/25/2021 12/25/2021	1FE
	FNMA_92-11 G		06/01/2020 .	. MBS PAYDOWN		4	4	48	14	0	(11)	0	(11		4	0	0	0	15	01/25/2022	1FE
31358L-JX-5	FNMA_92-6 K		06/01/2020 .	. MBS PAYDOWN		5	5	72	19	0	(14)		(14	0	5	0	0	0	22	01/25/2022	1FE
31358L-MU-7	FNMA_G92-8 L		06/01/2020 .	. MBS PAYDOWN		4	4	34	13	0	(9)		(9		4	0	0	0	16	01/25/2022	1FE
31358L-XP-6 31358L-ZA-7	FNMA_G92-16 SQ		06/25/2020 . 06/25/2020 .	. MBS PAYDOWN		1		74	32	0	(31)		(31		1 21	0	0	0	47 91	03/25/2022 02/25/2022	1FE
31358M-2B-9	FNMA_092-11 SC		06/25/2020 .	. MBS PAYDOWN			7	688	150	0	(30)		(30		7	0	0	0	241	05/25/2022	1FE
	FNMA_G92-25 SD		06/25/2020 .	. MBS PAYDOWN		450	450	512	468	0	(17)		(17		450	0	0	0	44	05/25/2022	1FE
	FNMA_92-69 S		06/25/2020 .	. MBS PAYDOWN		5	5	83	21	0	(16)		(16		5	0	0	0	23	05/25/2022	1FE
	FNMA_92-49 M		06/01/2020 .	. MBS PAYDOWN		13	13	213	55	0	(42)		(42		13	0	0	0	62	04/25/2022	1FE
	FNMA_92-112 JC FNMA_G92-50 S		06/01/2020 . 06/25/2020 .	. MBS PAYDOWN		28	28	421	100	0	(72)		(72		28		0		116	07/25/2022 08/25/2022	1FE
	FNMA_92-180 MA		06/01/2020 .	MBS PAYDOWN		21	21	283	70	0	(49)		(49		21	0	0	0	76	10/25/2022	1FE
	FNMA_92-161 SA		06/25/2020 .	. MBS PAYDOWN		3,708	3,708	4,645	3,873	0	(166)	0	(166	0	3,708	0	0	0	402	09/25/2022	1FE
	FNMA_92-167 C		05/01/2020 .	. MBS PAYDOWN		65	65	64	64	0	1	0	1		65 10	0	0	0	0	09/25/2022	1FE
	FNMA_G92-52 SQ		06/25/2020 . 06/01/2020 .	. MBS PAYDOWN		10	17,054	1,646	232	0	(222)	0	(222		17,054	0	0	0	629	09/25/2022 12/25/2022	IFE
	FNMA_G92-65 LD		06/01/2020 .	MBS PAYDOWN		22	22	243	71	0	(49)	0	(49		22	0	0	0	68	11/25/2022	1FE
31358S-3E-9	FNMA_00-53 S		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	924	32	0	(32)	0	(32	0	0	0	0	0	413	07/25/2022	1FE
31358S-HM-6	FNMA_00-28 SD		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	888	52	0	(52)	0	(52		0	0	0	0	154	09/25/2030	1FE
31358S-N4-9 31358S-VM-0	FNMA_00-46 VB		06/25/2020 . 06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT				1,020	161	0	(161)	0	(161			0	0	0	214	07/25/2023 06/25/2030	1FE
	FNMA 93-2 H		06/01/2020 .	. MBS PAYDOWN		424	424	574	439	0	(14)		(14		424	0	0	n	29	00/25/2030 01/25/2023	1FE
31359B-GW-1	FNMA_93-124 M		06/01/2020 .	. MBS PAYDOWN		5,859	5,859	4,204	5,728	0	131	0	131	0	5,859	0	0	0	0	10/25/2022	1FE
	FNMA_93-165		06/25/2020 .	. MBS PAYDOWN		2,322	2,322	2,524	2,364	0	(42)		(42		2,322	0	0	0	95	09/25/2023	1FE
	FNMA_93-202 SZ		06/01/2020 . 06/01/2020 .	. MBS PAYDOWN		3, 102	3, 102	3,387	3, 120	0	(18)	0	(18		3, 102	0	0	0	128	11/25/2023	1FE
	FNMA 94-42 SE		06/01/2020 .	. MBS PAYDOWN			3,226	4,113	3,338	0		0			3,226	0	0	0	316	11/25/2023 04/25/2024	1FE
	FNMA_96-14 SJ		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	2,927	391	0	(391)	0	(391		0	0	0	0	697	04/25/2024	1FE
	FNMA_G97-4 SA		06/17/2020 .	. INTEREST ONLY PAYMENT		0	0	3,561	286	0	(286)		(286		0	0	0	0	621	06/17/2027	1FE
	FNMA_97-33 K		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	1,286	252	0	(252)		(252		0	0	0	0	365	04/25/2024	1FE
31359P-WY-8 31359Q-FP-4	FNMA_97-34 SB		06/25/2020 . 06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٥		1,120	191	0	(191)		(191		0	0	0		261	10/25/2023 10/25/2023	1FE
	FNMA_97-50 SC		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	406	66	0	(66)		(66		0	0	0	0	94	10/25/2023	1FE
31359Q-NY-6	FNMA_97-61 PK		06/01/2020 .	. INTEREST ONLY PAYMENT		0		1, 107	119	0	(119)	0	(119	0	0	0	0	0	172	08/18/2027	1FE
	FNMA_97-56 QG		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	101	11	0	(11)		(11		0	0	0	0	14	09/18/2027	1FE
31359S-BA-7 31359S-MU-1	FNMA_01-8 SD		06/18/2020 . 06/17/2020 .	. INTEREST ONLY PAYMENT		0	0	589	95	0	(95)		(95		0	0	0	0	217	03/18/2031 02/17/2031	1FE
	FNMA_01-5 SG		06/17/2020 .	. INTEREST ONLY PAYMENT			n	3,302	004	n	(604)	n			n		n	 N	107	02/17/2031	IFE
	FNMA 98-66 QK		06/25/2020 .	. INTEREST ONLY PAYMENT		0		1,741	23	0	(23)	0	(23		0	0	0	0	495	12/25/2028	1FE
31359V-F5-7	FNMA_99-22		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	99	28	0	(28)	0	(28	0	0	0	0	0	44	10/25/2021	1FE
31359V-F7-3			06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	101	35	0	(35)		(35		0	0	0	0	51	12/25/2021	1FE
31359V-F9-9	FNMA_99-22 SI	.	06/25/2020 .	. INTEREST ONLY PAYMENT		0	J0	1,991	331	<u> </u>	(331)	J0	(331	)  0	J0	<u></u> 0	ļ0	<u></u> 0	678	10/25/2022	1FE

					Show All Lo	ng-Term Bo	onds and Sto	ck Sold, Re	deemed or 0												
1	2	3	4	5	6	7	8	9	10	Ch	nange In Boo	k/Adjusted	Carrying Va	alue	16	17	18	19	20	21	22
										11	12	13	14	15							
												_	Total	Total							
												Current	Change in	Foreign	5				Bond		NAIC
									5			Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year	l		Other Than		Change in	Adjusted	Foreign	D. III . I		Stock	Stated	nation
QUIQID					N				Book/	Unrealized		Temporary	Carrying	Book	Carrying	Exchange		T. 1. 1. 0	Dividends	Con-	and
CUSIP			Disease	Maria	Number of	0		A =4=1	Adjusted	Valuation	(Amor-	Impairment		/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-	Description	For-		Name	Shares of	Consid-	D1/-l	Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign		of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
31359V-LN-1 31359V-QM-8	FNMA_99-7 S	-	06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	Δ	335	97 516	0	(97)	0	(97)		٥	0	0	0	165 945	.03/25/2029 .02/17/2029	1FE
31359W-2Y-6			06/17/2020	INTEREST ONLY PAYMENT		0	0	2,909	407	0	(407)	0	(407)	0	0	0	0	0	743	.09/17/2029	1FE
	FNMA_00-18 SC		06/25/2020	INTEREST ONLY PAYMENT		0	0	5,724	816	0	(816)	0	(816)	0	0	0	0	0	1,677	10/25/2023	1FE
31359X-7D-5	FNMA_00-23 SB		06/25/2020	INTEREST ONLY PAYMENT		0	0	4,446	318	0	(318)	0	(318)	0	0	0	0	0		.07/25/2030	1FE
31359X-HH-5	FNMA_99-57 SE		06/25/2020	INTEREST ONLY PAYMENT		0	Ω	1,597 1,162	14	0	(14)	0	(14)	0	0	0	0	0	604 . 462	12/25/2029	1FE
31359X-PV-5 313603-7H-9	FNMA_99=04 SE		06/25/2020	INTEREST ONLY PAYMENT MBS PAYDOWN		٥	 0	1, 102	26	0	(26)	 0	(26)	0	0 0	0	0		402	.01/25/2030	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		81	81			0	(1)	0	(1)	0	81	0	0	0	3	.08/01/2020	1FE
31363W-C8-6	FNMA 30YR		06/01/2020	MBS PAYDOWN		24	24	28	25	0	0	0	0	0	24	0	0	0	1	11/15/2020	1FE
	FNSTR_268 2		06/01/2020	. INTEREST ONLY PAYMENT		0	0	468	309	0	(309)	0	(309)	0	0		0	0	386	.02/25/2023	1FE
31364H-LF-2 31364H-MB-0	FNSTR_111 2		06/01/2020 06/01/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	184	36	0	(36)	0	(36)	0	0 0		0	0	59		1FE
31364H-N4-5	FNSTR 279 2		06/01/2020	INTEREST ONLY PAYMENT	-	٠	ν	2,836	378	0	(378)	 0	(73)		0		0		565	.02/25/2022 .07/25/2026	1FE
31364H-NB-9	FNSTR 133 2		06/01/2020	INTEREST ONLY PAYMENT		0	0	202	53	0	(53)	0	(53)	0	0	0	0	0	84		1FE
31364H-NF-0	FNSTR_135 2		06/01/2020	. INTEREST ONLY PAYMENT		0	0	144	43	0	(43)	0	(43)	0	0	00	0	0	62	.04/25/2022	1FE
31364H-P4-3	FNSTR_283 2		06/01/2020	. INTEREST ONLY PAYMENT		0	Ω	943	281	0	(281)	0	(281)	0	0	0	0	0	424		1FE
31364H-R8-2 31364H-T5-6	FNSTR_293 2		06/01/2020	. INTEREST ONLY PAYMENT MBS PAYDOWN				206 5,721		0	(30)	0	(30)	0	6, 126	0	0	0	40		1FE
	FNMA 11–86		06/01/2020	INTEREST ONLY PAYMENT		0, 120	0, 120	71,779	4,525	0	(4,525)		(4,525)	0		0	0	0	11,918		1FE
3136A1-AU-9			06/25/2020	INTEREST ONLY PAYMENT		0	0	56,891	3,808	0	(3,808)	0	(3,808)	0	0	0	0	0			1FE
	FNMA_11-99		06/25/2020	INTEREST ONLY PAYMENT		0	0	79,012	1,966	0	(1,966)	0	(1,966)	0	0	0	0	0	5,395	10/25/2041	1FE
	FNMA_11-100E		06/25/2020	INTEREST ONLY PAYMENT		0	0	10,884	533	0	(533)	0	(533)	0	0	0	0	0	1,714	.04/25/2039	1FE
3136A1-XZ-3 3136A2-3M-3	FNMA_11-107		06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٥		100,811	0 4,373	0	(2,632)	٥	(2,632)	0			0	0	7,712 9,209	.10/25/2041	1FE
3136A2-AT-0	FNMA 11-110		06/25/2020	INTEREST ONLY PAYMENT			0	215,394	17,347	0	(4,373)	0	(4,373)	0	0	0	0	0	24,900	.04/25/2042	1FE
3136A2-AX-1	FNMA_11-110		06/25/2020	INTEREST ONLY PAYMENT		0	0		7,100	0	(7, 100)	0	(7,100)	0	0	0	0	0		.04/25/2041	1FE
3136A2-CR-2	FNMA_11-110		06/25/2020	INTEREST ONLY PAYMENT		0	0	77,096	5, 103	0	(5, 103)	0	(5, 103)	0	0	0	0	0	8,208	.04/25/2041	1FE
3136A2-WA-7	FNMA_11-126		06/25/2020	INTEREST ONLY PAYMENT		0	0	217,973	9,200	0	(9,200)	0	(9, 200)	0	0	0	0	0	21,321	12/25/2041	1FE
3136A3-C9-0 3136A3-JH-5	FNMA_12-9 FNMA_11-137		06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	Δ	132,853	7, 112 8, 464	0	(7, 112)	0	(7, 112)		۵	0	0	0	17,023	.02/25/2042 .01/25/2027	1FE
	FNMA 12-37D		06/25/2020	INTEREST ONLY PAYMENT		0	0	49.543	2.441	0	(2,441)	0	(2,441)	0	0	0	0	0	5.136	.01/25/2040	1FE
	FNMA_12-16		06/25/2020	INTEREST ONLY PAYMENT		0	0	150,233	8,559	0	(8,559)	0	(8,559)	0	0	0	0	0	16,593	.03/25/2042	1FE
	FNMA_12-55		06/25/2020	INTEREST ONLY PAYMENT		0	Ω	161,455	11, 158	0	(11,158)	0	(11, 158)	0	0		0	0	20,078	.05/25/2042	1FE
3136A5-BU-9 3136A5-T4-8	FNMA_12-40		06/01/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	6,719 100,109	2,818 5,808	0	(2,818)	0	(2,818)	0	0	0	0	0	3,216		1FE
3136A5-UN-4	FNMA_12-30		06/25/2020	INTEREST ONLY PAYMENT		٥	 0	96,343	5,808	0	(5,387)	 0	(5,387)	0	0 0	0	0		12,228	.04/25/2042	1FE
3136A6-LN-2	FNMA_12-62		06/25/2020	INTEREST ONLY PAYMENT		0	0	165,324	8,090	0	(8,090)	0	(8,090)		0		0	0	17,586		1FE
	FNMA_12-61		06/25/2020	INTEREST ONLY PAYMENT		0	0	26,426	1, 104	0	(1,104)	0	(1, 104)	0	0	0	0	0	2,526	.06/25/2042	1FE
3136A6-SE-5			06/25/2020	INTEREST ONLY PAYMENT		0	ō	57,446	2,203	0	(2,203)	0	(2,203)	ō	0	ō	0	0	6,812	.06/25/2042	1FE
3136A7-AK-8 3136A7-E5-7	FHLMC 12-68		06/25/2020	INTEREST ONLY PAYMENT MBS PAYDOWN				130 , 785 95 . 343	10,375	0	(10,375)	0 ^	(10,375)	0			0	0	19,363	.05/25/2031	1FE
	FNMA 12-83		06/25/2020	INTEREST ONLY PAYMENT		0			3,972	0	(3,972)	00	(3,972)	0	0,230	0	0	0	8.479	.08/25/2042	1FE
	FNMA_12-83		06/25/2020	INTEREST ONLY PAYMENT		0	0	38,968	1,886	0	(1,886)	0	(1,886)	0	0	0	0	0	4,307	.08/25/2042	1FE
3136A8-HQ-6			06/25/2020	INTEREST ONLY PAYMENT		0	0	528,608	27,383	0	(27,383)	0	(27,383)	0	0	00	0	0	52,641	.09/25/2042	1FE
3136A8-PF-1	FNMA_12-100		06/25/2020	INTEREST ONLY PAYMENT		0	0	62,997	7,176	0	(7, 176)	0	(7,176)	0	0	0	0	0	11,664	.03/25/2031	1FE
3136A9-4S-4 3136A9-EU-8	FNMA_12-122	-	06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		 n	D	100,356	5,011 8,489	0	(5,011)	 n	(5,011)	0	 Ω		0 n	 n	8,818 .	11/25/2042	1FE
3136A9-HB-7	FNMA_12-111		06/25/2020	MBS PAYDOWN		9,616	9,616	8,354	9,535	0	81	0	81	0	9,616	0	0	0	113	10/25/2042	1FE
3136A9-HT-8	FNMA_12-110		.06/01/2020	MBS PAYDOWN		46,221	46,221	46,649	46,253	0	(32)	0	(32)	0	46,221		0	0	582	10/25/2042	1FE
3136A9-QG-6	FNMA_12-128	.	06/25/2020	. INTEREST ONLY PAYMENT		0	0	158,606	6,942	0	(6,942)	0	(6,942)	0	0	0	0	0	14,887	11/25/2042	1FE
	FNMA_12-128	-	06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	90,887	3,754	0	(3,754)	0	(3,754)	0	0	0	0	0	8,311 . 59,886	.06/25/2042	1FE
3136A9-UR-2 3136A9-TB-4	FNMA_12-128 FNMA_12-128	-	06/01/2020	INTEREST ONLY PAYMENT		 n	n	602,677		0 n	(37,434)	 N	(37,434)	u	0 0	,u	 n	u	6.942	11/25/2042	1FE
3136A9-TH-1	FNMA 12-128		06/01/2020	INTEREST ONLY PAYMENT		0	0	92,218	7,487	0	(7,487)	0	(7,487)		0		0	0	9,899	11/25/2032	1FE
3136AA-UP-8	FNMA_12-134		06/25/2020	INTEREST ONLY PAYMENT		0	0	180,558	11,597	0	(11,597)	0	(11,597)	0	0	0	0	0	22,728	12/25/2042	1FE
3136AA-YK-5		.	06/25/2020	INTEREST ONLY PAYMENT	-	0	0	126,711	3,416	0	(3,416)	0	(3,416)	0	0	0	0	0	9,116	12/25/2042	1FE
3136AB-4J-9	FNMA 13-2		06/25/2020	INTEREST ONLY PAYMENT	. L	0	L0	115,825	4,926	0	(4.926)	0	(4.926)	0	ı0	· I	0	0	12,264	.02/25/2043	1FE

					Show All Lo	ng-Term B	onds and Sto	ck Sold, Red	deemed or 0	Otherwise I	Disposed of	of During t	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10			ok/Adjusted	Carrying Va	alue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
			06/25/2020 .	. MBS PAYDOWN		554,972	554,972	442,300	544,085	0	10,887	0	10,887	0	554,972	0	0	0	11,809	01/25/2043	. 1FE
			06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	31,519	5,267	0	(5,267)	0	(5, 267)	0	0	0	0	0	6,882	09/25/2031	. 1FE
	FNMA_13-6 FNMA_12-148		06/25/2020 . 06/01/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	60,578 77,924	3,609	0	(3,609)	0	(3,609)		0	0	0	0	6,983	02/25/2043	. 1FE
3136AB-PB-3 3136AB-XL-2	FNMA 13-3		06/01/2020 .	. INTEREST ONLY PAYMENT		٥		183.931	27,235		(27,235)	0	(27,235)		۷				29,395 22,132	11/25/2042 02/25/2043	. 1FE 1FF
3136AC-JE-2	FNMA 13-17		06/25/2020	. INTEREST ONLY PAYMENT		0	0	51,953	2,944	0	(2,944)	0	(2,944)	0	0	0	0	0	5,401	03/25/2043	1FE
3136AD-AW-9	FNMA_13-23		06/25/2020	. INTEREST ONLY PAYMENT		0	0		3,901	0	(3,901)	0	(3,901)	0	0	0	0	0	9, 164	03/25/2043	. 1FE
3136AD-RS-0	FNMA_13-35		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	35,734	2,038	0	(2,038)	0	(2,038)		0	0	0	0	2,841	04/25/2033	1FE
3136AD-W7-0	FNMA_13-43	-	06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	146,655	10,644	0	(10,644)	ļō	(10,644)		J0	łō	0	F	21,144	12/25/2042	1FE
3136AD-Y7-8 3136AE-3M-7	FNMA_13-43FNMA_13-69		06/25/2020 .	. INTEREST ONLY PAYMENT				219,629	11,783	0	(11,783)	0	(11,783)		D	0	0	0	23,390	05/25/2043 05/25/2043	1FE
3136AE-SE-8	FNMA 13-61		06/01/2020 .	. INTEREST ONLY PAYMENT			0		0,827	0	(3,021)	0	(3,021)	0	0	0	0	o	3,918	04/25/2033	1FE
3136AF-PL-2	FNMA_13-75		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	7,036	601	0	(601)	0	(601)		0	0	0		900	09/25/2032	1FE
3136AG-5J-7	FNMA_13-112		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	64,315	3,330	0	(3,330)	0	(3,330)	0	0	0	0	0	10,896	11/25/2043	. 1FE
3136AG-CZ-3	FNMA_13-97		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	34,271	4,545	0	(4,545)	0	(4,545)	0	0	0	0	0	8,069	11/25/2031	. 1FE
3136AG-EK-4	FNMA_13-98		06/01/2020 .	MBS PAYDOWN		444,786	444,786	359,238	439,345	0	5,441 945	0	5,441 945	0	444,786	0	0	0		09/25/2043	. 1FE
3136AG-GA-4 3136AG-YK-2	FNMA_13-101		06/01/2020 . 06/25/2020 .	. MBS PAYDOWN			533,360	370,019	76,010 524,131		945	0	945	0		u				10/25/2043	1FE
3136AG-ZH-8	FNMA_13-101		06/25/2020	MBS PAYDOWN		55, 193		43,257	54,342	0	851	0	851	0		0	0	0	0	10/25/2043	1FE
	FNMA_13-121		06/25/2020	VARIOUS		26, 136, 271	0	17,756,978	18,048,207	0	(1,460,575)	0	(1,460,575)	0	16,587,869	0	9,548,401	9,548,401	2,555,387	12/25/2043	. 1FE
3136AH-G6-1	FNMA_13-130		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	354,424	28, 138	0	(28, 138)	0	(28, 138)	0	0	0	0	0	42,226	10/25/2042	. 1FE
	FNMA_13-128		06/01/2020 .	. MBS PAYDOWN		41,560	41,560	32,852	41,045	0	515	0	515	0	41,560	0	0	0	0	12/25/2043	. 1FE
3136AH-ZM-5 3136AJ-CB-0	FNMA_13-130		06/25/2020 . 06/25/2020 .	. INTEREST ONLY PAYMENT				57,316 80,119	5,801 4,575	0	(5,801) (4,575)	0	(5,801)		0	0	0	0	8,633	05/25/2043 02/25/2044	. 1FE 1FE
3136AJ-F8-4	FNMA 14-26		06/01/2020 .	MBS PAYDOWN		11,316	11,316	11,774	11,336	0	(20)		(20)		11,316	0	0	0	76	04/25/2033	1FE
3136AJ-UU-8	FNMA_14-18		06/25/2020	. INTEREST ONLY PAYMENT		0	Ω	132, 169	7,841	0	(7,841)	0	(7,841)	0	0	0	0	0	16,468	04/25/2044	. 1FE
3136AJ-ZD-1	FNMA_14-15		06/01/2020 .	. MBS PAYDOWN		124,043	124,043		122,029	0	2,014	0	2,014	0	124,043	0	0	0	0	04/25/2044	. 1FE
3136AK-6Q-1 3136AK-DR-1	FNMA_14-65CFNMA_14-31		06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0		4,303	0	(4,303)	0	(4,303)	0	0	0	0	0	9,916 29,778	10/25/2044	. 1FE
3136AL-2Q-3	FNMA 14-84		06/01/2020 .	. INTEREST ONLY PAYMENT		٥		281,249		0	(23, 143)	0	(23, 143)				0			12/25/2044	1FE
3136AL-6A-4	FNMA 14-94		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	8,294	3, 197	0	(3, 197)	0	(3, 197)		0	0	0	0	3,911	10/25/2032	1FE
3136AL-LV-1	FNMA_14-73		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	34,260	2,383	0	(2,383)	0	(2,383)	0	0	0	0	0	4,465	11/25/2044	. 1FE
3136AM-KT-5	FANNIE MAE FNMA_14-87 MS		06/25/2020	. INTEREST ONLY PAYMENT		0	0	181 , 115	11,273	0	(11,273)	0	(11,273)		0	0	0	0	25,410	01/25/2045	. 1FE
3136AN-JB-4	FNMA_15-19		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	222, 123	11,809	0	(11,809)	0	(11,809)		0	0	0	0	25,812	04/25/2045	. 1FE
3136AN-MD-6 3136AN-RY-5	FNMA_15-25 FNMA_15-30		06/25/2020 . 06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT				99,800 126,301	6,200 8,622	0	(6,200)	0	(6,200)		0	0	0	0	16,234	05/25/2045 05/25/2045	. 1FE 1FF
3136AN-WU-7	FNMA 15-27		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	395,544	29,370	0	(29,370)		(29, 370)		0	0	0	0	61,669	05/25/2045	1FE
3136AN-X6-9	FNMA_15-42		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	96 , 148	0	0	(216)	0	(216)		0	0	0	0	2,387	06/25/2045	. 1FE
3136AP-3X-8	FNMA_15-65		06/01/2020 .	. MBS PAYDOWN		13,089	13,089	11,498	12,908	0	181	0	181	0	13,089	0	0	0	Ω	09/25/2055	. 1FE
	FNMA_15-65		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	47,242	2,840	0	(2,840)	0	(2,840)		0	0	0	0	7,677	09/25/2055	. 1FE
3136AQ-2R-0 3136AQ-2Z-2	FNMA_16-4		06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT				278,801 456,873	14,592 0	0	(14,592)	0	(14,592)			0	0	0	25,987 28,612	02/25/2046 02/25/2046	. 1FE
3136AQ-4Q-0	FNMA 16-6		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	168 . 409	7,637	0	(11,303)	0	(7,637)		0	0	0	0	15.007	02/25/2046	1FF
3136AQ-6F-2	FNMA_16-10		06/25/2020	. INTEREST ONLY PAYMENT		0	0	142,546	9,411	0	(9,411)	0	(9,411)	0	0	0	0	0	17,263	03/25/2046	. 1FE
3136AQ-GD-6	FNMA_15-77		05/28/2020 .	VARIOUS		16,832,342	0	12,020,984	12,065,787	0	(949,285)	0	(949, 285)	0	11,116,502	0	5,715,840	5,715,840	1,567,575	10/25/2045	. 1FE
3136AQ-GJ-3	FNMA_15-76		06/01/2020 .	. INTEREST ONLY PAYMENT		0		104,990	0	0	0	0	0	0	0	0	0	0	2, 199	10/25/2045	. 1FE
3136AQ-HX-1 3136AQ-KZ-2	FNMA_15-82FNMA_15-79A		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	669,561 72,369	37,779	0	(37,779)	0	(37,779)	0	0	0	0	0	103,994	11/25/2045	. 1FE 1FF
3136AQ-RD-4	FNMA_15-79A	1	06/25/2020 .	. INTEREST ONLY PAYMENT		 n	n		6,639	u	(1,649)	0 n	(1,649)	0	n	u	0 n	o	5,031	11/25/2045	1FF
3136AQ-WF-3	FNMA_15-87		06/25/2020	INTEREST ONLY PAYMENT		0	0	342,523	20,322	0	(20,322)	0	(20, 322)	0	0	0	0	0	53, 122	12/25/2045	1FE
3136AQ-X5-4	FNMA_16-5		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	241,699	14,945	0	(14,945)	0	(14,945)		0	0	0	0	27,079	02/25/2046	. 1FE
3136AR-2Z-0	FNMA_16-28		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	215,830	14,216	0	(14,216)	0	(14,216)		0	0	0	0	20,867	03/25/2038	. 1FE
3136AR-BD-9	FNMA_16-2 FNMA_16-2		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	232,028	12,904	0	(12,987)	0	(12,987)		0	0	0	ō	25,934	02/25/2046	. 1FE
3136AR-DN-5 3136AR-DU-9	FNMA_16-2 FNMA_16-2	-	06/25/202006/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٥	ļ	195,984	12,971	1	(12,971)	0	(12,971)		0	0	0		29,668 21,819	02/25/2046 02/25/2046	IFE
3136AR-MA-3	FNMA 16-7		06/25/2020 .	. INTEREST ONLY PAYMENT			0	485, 113	28,125	0	(28, 125)	0	(8, 633)		0	0	0	n	77,685	02/25/2046	1FE
3136AR-ZW-1	FNMA_16-19		06/01/2020 .	MBS PAYDOWN		256,660	256,660	208,697	253,776	0	2,885	0	2,885	0	256,660	0	0	0	0	04/25/2046	1FE
		.1	06/25/2020	INTEREST ONLY PAYMENT	l	0	0	302.051	13,802	0	(13,802)	0	(13,802)	0		0	0	0	28,913	.08/25/2046	1FE

	Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of													t Quarter							
1	2 3 4			5	6	7 8		9	9 10				k/Adjusted Carrying Value		16	17	18	19	20	21	22
										11	12	13	_14	_15							
													Total	Total					Dand		NAIG
												Current Year's	Change in Book/	Foreign	Book/				Bond Interest/		NAIC Desig-
									Prior Year		Current	Other Than	Adjusted	Exchange in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized		Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
3136AS-HK-5 3136AS-LH-7	FNMA_16-24		06/25/2020 .	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		 n	0	165,860	8,722	0	(8,722)	0	(8,722	0	0	0	0	0	19,863 54,585	05/25/2046 06/25/2046	1FE 1FE
3136AS-UC-8	FNMA_16-32		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	591,839	35,559	0	(35,559)	0	(35,559	)0	0	0	0	0		10/25/2034	1FE
3136AS-V2-9	FNMA_16-42		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	108,399	6,709	0	(6,709)	0	(6,709	0	0	0	0	0	17,396	07/25/2046	. 1FE
3136AS-WN-2 3136AS-WX-0	FNMA_16-46B		06/25/202006/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	160,644	8,857	0	(8,857)	0	(8,857	0	0	0	0	0	20,497 25,831	07/25/2046 07/25/2046	1FE 1FF
3136AT-6L-3	FNMA_16-86		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	390,039	19,840	0	(12,340)	0	(12,340		0	0	0	0	52,146	11/25/2046	1FE
3136AT-BS-2	FNMA_16-50		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	469,988	26,672	0	(26,672)	0	(26,672		0	0	0	0	44,490	08/25/2046	. 1FE
3136AT-BV-5 3136AT-FX-7	FNMA_16-50 FNMA_16-54		06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		 n	0	29,480	5,556	0 n	(61)	0 n	(61		0	0 n	0 n	0 n	689 15, 121	08/25/2046 08/25/2046	1FE 1FF
3136AT-K2-9	FNMA_16-72		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	424,296	22, 163	0	(22, 163)	0	(22, 163		0	0	0	0	36,434	10/25/2046	1FE
	FNMA_16-49		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	453,813	28,368	0	(28,368)	0	(28,368		0	0	0	0	73,048	08/25/2046	. 1FE
3136AT-KX-1 3136AT-NC-4	FNMA_16-49	-	06/25/202006/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0 n	J	273,447	13,781	0 n	(13,781)	0 n	(13,781		0	0 n	0 n	0 n	28,712	08/25/2046 09/25/2046	1FE 1FE
3136AU-4G-3	FNMA_17-8		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	447 , 870	2,575	0	(10,669)	0	(10,669	0	0	0	0	0	26,034	02/25/2047	1FE
3136AU-AH-4	FNMA_16-82		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	58,234	0	0	(121)	0	(121		0	0	0	0	1,375	11/25/2046	1FE
3136AU-AT-8 3136AU-BA-8	FNMA_16-82FNMA_16-82		05/28/2020	INTEREST ONLY PAYMENT		19, 122, 705 0	J	12,008,489	11,876,556	0	(772,964)	0	(772,964	)	11,103,593		8,019,113	8,019,113 0	1,674,044 24,247	11/25/2046 11/25/2046	1FE 1FE
3136AU-HU-8	FNMA_16-79		05/28/2020 .	VARIOUS		31,526,840	0	19,778,488	19,211,104	0	(1,265,307)	0	(1,265,307	0	17,945,797	0	13,581,043	13,581,043	2,736,154	11/25/2046	1FE
3136AU-KQ-3	FNMA_16-84		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	383,622	22,658	0	(22,658)	0	(22,658	0	0	0	0	0	34,259	11/25/2046	1FE
	FNMA_17-21FNMA_17-23		06/25/2020 .	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT			J	265,763	14,430 0	0	(14,430)	0	(14,430	)			0		29,401	04/25/2047 04/25/2047	1FE 1FF
3136AV-BX-6	FNMA_17-1		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	11,368	2, 185	0	(2, 185)	0	(2, 185	0	0	0	0	0	3,051	09/25/2035	1FE
	FNMA_17-4		06/25/202006/25/2020	INTEREST ONLY PAYMENT		0	0	208,856	14,540	0	(14,540)		(14,540		0	0	0	0	35, 100	02/25/2047	1FE
	FNMA_17-4		06/01/2020 .	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	113,309	0	0	(4,233)		(4,233		0	0	0	0	10,476 1,415	02/25/2047 03/25/2047	1FE
3136AV-R3-5	FNMA_17-24		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	167,007	7,806	0	(7,806)	0	(7,806	0	0	0	0	0	16,646	04/25/2047	. 1FE
3136AV-WY-1 3136AW-6F-9	FNMA_17-9		06/25/2020 .	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	164,857	9,214 8,313	0	(9,214)		(9,214		0	0	0	0	26, 159 17, 407	03/25/2047 07/25/2057	1FE 1FE
	FNMA_17-46		06/25/2020	INTEREST ONLY PAYMENT		0	0	181,940	11,767	0	(0,313)	0	(0,313		0	0	0	0	31,936	04/25/2037	1FE
3136AW-FD-4	FNMA_17-33		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	619,614	47,308	0	(47,308)	0	(47,308	0	0	0	0	0	67,928	05/25/2039	. 1FE
3136AW-QF-7 3136AX-3P-8	FNMA_17-30		06/25/202006/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0 	0	313, 153		0	(15,282)	0	(15,282	0	0	0	0	0	30,509 53,566	05/25/2047 10/25/2047	1FE
3136AX-A5-4	FNMA_17-69		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	421,480	26,097	0	(26,097)	0	(26,097	)	0	0	0	0	46,909	09/25/2047	1FE
3136AX-YA-7	FNMA_17-61		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	253,755	7,584	0	(7,584)	0	(7,584	0	0	0	0	0	21,539	08/25/2047	. 1FE
3136AY-HJ-5 3136B0-AN-6	FNMA_17-79		06/25/202006/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0 n	0	20,785	1,346	0 n	(1,346)	0 n	(1,346	00	0	0 0	0 0	0 n	3,587 53,407	10/25/2047 12/25/2057	1FE
3136B0-X3-5	FNMA_18-11		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	1,526,108	130,957	0	(130,957)	0	(20, 123		0	0	0	0	180,532	12/25/2047	1FE
3136B1-DK-7	FNMA_18-11		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	190 , 193	7,713	0	(7,713)	0	(7,713		0	0	0	0	23,376	03/25/2048	1FE
3136B1-JA-3 3136B1-L9-3	FNMA_18-15 FNMA_18-27		06/25/202006/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0 n	0 n			0 n	(15,340)	0 n	(15,340		0	0 n	0 n	0 n	25,772 126,484	03/25/2048 05/25/2048	1FE
3136B1-N4-2	FNMA_18-28		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	248,935	16,647	0	(16,647)	0	(16,647	0	0	0	0		37,045	05/25/2048	. 1FE
3136B1-PH-1	FNMA_18-19		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	317,229	20,974	0	(20,974)	0	(20,974		0	0	0	0	35,424	04/25/2058	. 1FE
3136B2-3C-4 3136B2-3L-4	FNMA_18-64 FNMA_18-63		06/25/2020	INTEREST ONLY PAYMENT VARIOUS		1,051,350	0	146,043	9,090	0	(9,090)	619, 117	(9,090		999.408	0	51.942		22,655	01/25/2040 09/25/2048	1FE
3136B2-CG-5	FNMA_18-39		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	51,559	2,873	0	(2,873)		(2,873		0	0	0	0	7,821	11/25/2033	1FE
3136B2-FF-4	FNMA_18-45		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	121,981	6,618	0	(6,618)	0	(6,618		0	0	0	0	19,388	06/25/2041	1FE
3136B3-4B-3 3136B3-H5-2	FNMA_19-9 FNMA_19-4		06/25/2020 .	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	112,479	0 15, 113	0	(241)	0	(241		0	0	0	0	2,711	11/25/2036 02/25/2049	1FE
3136B3-NH-9	FNMA_18-79		06/25/2020	INTEREST ONLY PAYMENT		0	0	399,264	25,026	0	(25,026)		(25,026			0	0	0	67,444	11/25/2048	1FE
3136B3-VP-2 3136B3-XT-2	FNMA_18-93FNMA_18-94		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	419,645	13,221	0	(27,008)	0	(27,008	0	0	0	0	0	49,997	01/25/2049	1FE 1FF
3136B3-X1-2 3136B5-4P-7	FNMA_18-94 FNMA_19-49		06/25/2020 .	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	200,464	13,051	0	(13,051)	0	(13,051	)0	0	0	0	0		01/25/2049 03/25/2040	IFE
3136B5-4R-3	FNMA_19-49		06/25/2020	INTEREST ONLY PAYMENT		0		271,691	19,494	0	(19,494)	0	(19,494		0	0	0	0	31,037	08/25/2037	1FE
3136B5-4S-1 3136B5-GM-1	FNMA_19-49 FNMA_19-35		06/25/2020 .	INTEREST ONLY PAYMENT VARIOUS		21,970,174	0		828	0	(828)	0	(828		16 401 110	0	0	5,479,055	1,226 2,173,964	06/25/2037	1FE
3136B5-ME-2			05/28/2020 .	INTEREST ONLY PAYMENT		21,970,174	0	17,246,340		0	(1,458,090)	0	(1,458,090		16,491,119	0	5,479,055	0,4/9,055	2, 173, 964	07/25/2049 07/25/2049	IFE
3136B5-TZ-8			06/25/2020	INTEREST ONLY PAYMENT		0		464,675	39,473	0	(39,473)	0	(39, 473		0	0	0	0	54,691	08/25/2059	1FE

					Show All Lo	ng-Term B	onds and St	ock Sold, Re	deemed or (	Otherwise	Disposed o	of During tl	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10	Cl	nange In Bo	ok/Adjusted	Carrying Va	lue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	t Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)			` 13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
3136B6-YK-3	FNR 19-66		06/01/2020	. INTEREST ONLY PAYMENT		0	0	68,065	7 , 134	0	(7, 134)	0	(7, 134)	0	0	0	0	0	9,238	11/25/2049	1FE
3136B8-HX-0			06/25/2020	VARIOUS		0	0	496,948	0	0	(5,695)	0	(5,695)	0	0	0	0	0	21,582	02/25/2050	1FE
3136B9-A5-6			06/01/2020	. VARIOUS		0	0	98,563	0	0	(1, 135)		(1, 135)	0	0	0	0	0	3,731	05/25/2040	1FE
	FNMA_20-38		06/01/2020 06/01/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	245,005	0	0	(6,114)		(6, 114)	0	0	0	0	0	6,343	. 06/25/2040	1FE
3136FC-C5-3 3136FC-JF-4	FNSTR 351 16		06/01/2020	. INTEREST ONLY PAYMENT			ν	354	113		(113)		(113)		ν				166	10/25/2035 03/25/2034	1FE
3136FC-M4-5	FNSTR 369 9		06/01/2020	INTEREST ONLY PAYMENT		0	0	819	66	0	(66)		(66)	0	0	0	0	0	88	04/25/2036	1FE
3136FC-MA-1	FNSTR_354		.06/01/2020	MBS PAYDOWN		22,531	22,531	19,926	22,335	0	196	0	196	0	22,531	0	0	0	0	12/25/2034	1FE
	FNSTR_356 18	[	06/01/2020	. INTEREST ONLY PAYMENT		0	0	636	43	0	(43)		(43)		0	0	0	0	140	12/25/2034	1FE
3136FC-ZJ-8	FNSTR_365 9		06/01/2020	. INTEREST ONLY PAYMENT		0	0	696	53	ō	(53)		(53)		0	0	0	0	72	01/25/2036	1FE
	FNMA_365 11		06/01/2020 06/01/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	11,777	918 88	ļ0	(918)		(918)	0	0	0	0	}0	1,291	02/01/2036	1FE
3136FC-ZZ-2 3136FE-AA-0	FNSTR 370		06/01/2020	. INTEREST UNLY PAYMENT		79,090	79,090		78,346	0	745	n	745			0	0		dci	10/25/2035 06/25/2036	IFE 1FF
3136FF-AA-7	FNSTR 380		06/01/2020	. MBS PAYDOWN		95,460	95,460	85,810	94,602	0	858	0	858	0	95,460	0	0	0	0	07/25/2037	1FE
3136FL-EY-8	FNSTR_409		06/01/2020	. INTEREST ONLY PAYMENT		0	0	80,234	10,498	0	(10,498)	0	(10,498)	0	0	0	0	0	13,625	04/25/2027	1FE
3136FL-FB-7	FNS_409		06/01/2020	. INTEREST ONLY PAYMENT		0	0	23,518	3,839	0	(3,839)		(3,839)	0	0	0	0	0	5, 132	05/25/2027	1FE
	FNMA 30YR		06/01/2020	. MBS PAYDOWN		422	422		423	0	(1)		(1)	0	422	0	0	0	11	06/01/2032	1FE
31376M-JB-9 3137A0-AD-7	FNMA 30YRFHLMC 369		06/01/2020 06/01/2020	. MBS PAYDOWN		2,735	2,735	2,955	2,758	0	(23)	0	(23)	0	2,735	0	0	0	108	09/01/2021 07/15/2040	1FE
	FHLMC 3709		06/01/2020	MBS PAYDOWN		107,590	107,590		106,048	0	1,542	0	1,542	0	107,590	0	0	0		08/15/2040	1FE
			06/15/2020	. INTEREST ONLY PAYMENT		0	0	132,230	9.909	0	(9,909)	0	(9,909)	0	0 0	0	0	0	16,304	05/15/2040	1FE
	FHLMC_3756G		06/15/2020	. INTEREST ONLY PAYMENT		0	0	6,722	5,703	0	(5,703)	0	(5,703)	0	0	0	0	0	8,784	11/15/2038	1FE
	FHLMC_3792		06/15/2020	. MBS PAYDOWN		566,424	566,424	1,246,488	615,516	0	(49,091)	0	(49,091)	0	566,424	0	0	0		06/15/2039	1FE
3137A6-AT-9	FHLMC_3798C FHLMC_3805J		06/15/2020	. INTEREST ONLY PAYMENT		0	0	58,092 14,126	3,411	0	(3,411)	0	(3,411)	0	0	0	0	0	7,254	01/15/2041	1FE
3137A7-D7-2 3137AA-EU-3	FHLMC 3869		06/15/2020 06/15/2020	. INTEREST ONLY PAYMENT				46,887			(856)	0	(856)	0	ν	0	0		1,804	06/15/2040 05/15/2041	1FE 1FF
3137AA-QG-1	FHLMC_3862		06/15/2020	. INTEREST ONLY PAYMENT		0	0	51,132	3,320	0	(3,320)	0	(3,320)	0	0	0	0	0	7.468	05/15/2041	1FE
3137AB-AT-8	FHLMC_3852 SL		06/15/2020	MBS PAYDOWN		120,733	120,733		119,167	0	1,566	0	1,566	0	120,733	0	0	0	2,648	05/15/2041	1FE
	FHLMC_3876		06/15/2020	VARIOUS		0	0	81,589	0	0	(2, 135)	0	(2, 135)	0	0	0	0	0	3,968	06/15/2041	1FE
3137AE-UP-8	FHLMC_3914D		06/15/2020	. VARIOUS		0	0	53,037	0	0	(1,004)	0	(1,004)	0	0	0	0	0	2,449	06/15/2039	1FE
	FHLMC_3930A FHLMC_3919		06/15/2020 06/15/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٥	۷		2,722	0	(2,722)	0	(2,722)	0	۵	0	0	0	4,571	10/15/2039 09/15/2041	1FE
3137AG-3Q-1	FHLMC 3943		06/15/2020	INTEREST ONLY PAYMENT		0	0	35,699	7,589	0	(7,589)	0	(7,589)	0	0	0	0	0	11,797	02/15/2026	1FE
3137AH-5B-0	FHLMC_3936		06/15/2020	. INTEREST ONLY PAYMENT		0	0	32,387	6,916	0	(6,916)		(6,916)	0	0	0	0	0	10,370	03/15/2026	1FE
3137AH-U3-0	FHLMC_3951		06/15/2020	. INTEREST ONLY PAYMENT		0	Ω	19,423	3,287	0	(3,287)	0	(3,287)	0	0	0	0	0	6,028	07/15/2026	1FE
3137AH-YC-6	FHLMC_3954		06/15/2020	. INTEREST ONLY PAYMENT		0	Ω	279,003	19,264	0	(19,264)		(19,264)	0	<u>0</u>	0	0	0	39,483	11/15/2041	1FE
3137AJ-BC-7 3137AK-5F-4	FHLMC_3958		06/15/2020 06/01/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	67,431 10,087	2,545 1,272	ļ0	(2,545)		(2,545)	0	J0	ļ	0	ļ	6,512	11/15/2041 06/15/2041	1FE
3137AK-5F-4 3137AL-WU-9			06/01/2020 06/15/2020	. INTEREST ONLY PAYMENT		 n	ν	115,871	1,272	n	(1,272)	n	(1,272)		ν	n	n	n	17,812	12/15/2041 12/15/2040	IFE 1FF
3137AL-110-3			06/15/2020	. INTEREST ONLY PAYMENT		0	0	105,567	2,669	0	(2,669)	0	(2,669)	0	0	0	0	0	7,168	03/15/2040	1FE
3137AP-BY-5	FHLMC_4028		06/01/2020	. INTEREST ONLY PAYMENT		0	0	18,452	24,801	0	(24,801)	0	(24,801)	0	0	0	0	0	29,442	09/15/2038	1FE
3137AQ-Q2-7	FHLMC_4039		06/01/2020	. INTEREST ONLY PAYMENT		0	0	79,516	7,727	0	(7,727)	0	(7,727)	0	0	0	0	0	10,043	05/15/2027	1FE
			06/15/2020	. INTEREST ONLY PAYMENT		0	0	84,443		łō	(10,747)	ō	(10,747)	0	0	0	ō	Fō	16,872	04/15/2031	1FE
3137AR-7L-4 3137AR-CU-8	FHLMC_4060FHLMC_4061		06/15/2020 06/15/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		 n		91,605 265,179	4, 120 17,543	0	(4, 120)	0	(4, 120)	0	ν	0	0	0		06/15/2042 06/15/2042	1FE 1FE
3137AR-FX-9	FHLMC 4062		06/01/2020	. INTEREST ONLY PAYMENT		0	0	9,941	1,273	0	(1,273)	0	(1,273)	0	0	0	0	0	1,773	02/15/2041	1FE
3137AR-KM-7	FHLMC_4057		06/15/2020	. INTEREST ONLY PAYMENT		0	0	241,722	7,985	0	(7,985)	0	(7,985)	0	0	0	0	0	17, 180	06/15/2042	1FE
3137AR-SP-2	FHLMC_4080		06/15/2020	. INTEREST ONLY PAYMENT		0	0	63,954	3,730	0	(3,730)	0	(3,730)	0	0	0	0	0	8,045	07/15/2042	1FE
3137AS-FB-5	FHLMC_4076		06/15/2020	. INTEREST ONLY PAYMENT		0	0	38,083	5,455	ō	(5,455)	0	(5, 455)	0	0	0	0	0	9,403	11/15/2039	1FE
	FHLMC_4098 FHLMC_4097		06/01/2020	. INTEREST ONLY PAYMENT	·	0	ļ0	126, 135	9,811	ļō	(9,811)	ļ0	(9,811)	ļ	ļ0	ļ	ļ0	ļ	13,625	04/15/2042	1FE
	FHLMC 4113		06/15/2020 06/01/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT				128,322	11,937	1	(11,937)	0	(11,937)	0	0 0	0	0	0	18,928	09/15/2031 09/15/2042	1FE 1FF
3137AT-VD-1	FHLMC 4113		06/15/2020	. INTEREST ONLY PAYMENT		0	0		4,662	0	(4,662)		(4,662)	0	0	0	0	0	7,695	09/15/2042	1FE
3137AX-JA-2	FHLMC_4155		.06/01/2020	INTEREST ONLY PAYMENT		0	0	53,293	0	0	(4,221)	0	(4,221)	0	0	0	0	0	5,647	01/15/2033	1FE
3137AX-K8-5	FHLMC_4151		06/01/2020	. INTEREST ONLY PAYMENT		0	0	49,775	0	0	(4,043)	0	(4,043)	0	0	0	0	0	5,367	01/15/2033	1FE
	FHLMC_4156		06/01/2020	. INTEREST ONLY PAYMENT		0	Ω	42,214	8,909	ō	(8,909)	0	(8,909)	0	0	0	0	0	12,745	10/15/2031	1FE
3137AY-3X-7 3137AY-AK-7	FHLMC_4150		06/01/2020 06/15/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0		3.975	ļ	(8,048)		(8,048)	0	0	0	0	ō	10,624	01/15/2033 01/15/2043	1FE 1FE

					Show All Lo	ng-Term B	onds and Sto	ock Sold, Red	deemed or 0	Otherwise I	Disposed of	of During th	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10			ok/Adjusted	Carrying Va	lue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
3137AY-SE-2			06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	112,057	6,802	0	(6,802)	0	(6,802)	0	0	0	0	0	11,203	02/15/2043	. 1FE
	FHLMC_4175		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	102,319	5,642	0	(5,642)	0	(5,642)	0	0	0	0	0	9, 151	03/15/2043	. 1FE
	FHLNC_4183		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	65,765	3,061	0	(3,061)	0	(3,061)	0	0	0	0	0	5,700	03/15/2043	. 1FE
3137B0-GA-6 3137B0-RY-2	FHLMC_4174FHLMC_4186		06/15/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT			ν	17,325	3,286		(3,286)		(3,286)		٠		0		5, 105 4, 441	05/15/2039 03/15/2033	. 1FE
3137B1-AB-8	FHLMC 4179		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	24,843	8,057	0	(8,057)	0	(8,057)	0	0	0	0	0	10.688	12/15/2030	1FF
3137B1-HX-3	FHLMC 4193		06/15/2020	MBS PAYDOWN				61,906	56,734	0	232	0	232	0		0	0	0	2,598	04/15/2043	1FE
	FHLMC_4198		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	26,001	0	0	(3,050)	0	(3,050)	0	0	0	0	0	3,752	01/15/2033	. 1FE
	FHLMC_4211		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	92,523	8,714	0	(8,714)	0	(8,714)	0	0	0	0	0	19,225	04/15/2035	. 1FE
	FHLNC_4203		06/15/2020 .	MBS PAYDOWN		7,272	7,272	7,172	7,223	0	48	0	48	······ō	7,272	0	0	ō	157	05/15/2033	. 1FE
	FHLMC_4240 FHLMC_4245		06/01/2020 . 06/15/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	15,908	1,116 4,417	0	(1,116)	0	(1,116)		0 0	0	0	0	1,568	11/15/2042 08/15/2043	. 1FE
	FHLMC 4246	-	06/15/2020 .	. INTEREST ONLY PAYMENT		ں ۱		338,944	25,079	n	(4,417)	n	(4,417)		0	0	n	n	39,802	08/15/2043 02/15/2036	1FE
3137B5-CY-7	FHLMC 4254		06/01/2020 .	MBS PAYDOWN		879,611	879,611	504,677	859,080	0	20,531	0	20,531	0	879,611	0	0	0	0	06/15/2043	1FE
3137B5-QN-6	FHLMC_4263		06/15/2020 .	INTEREST ONLY PAYMENT		0	0	100,059	5,782	0	(5,782)		(5,782)	0	0	0	0	0	15, 161	11/15/2043	. 1FE
3137B5-SC-8	FHLMC_4265		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	33,025	2,375	0	(2,375)		(2,375)	0	0	0	0	0	4,565	11/15/2043	. 1FE
	FHLMC_4272		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	131,617	7, 176	0	(7, 176)		(7, 176)	0	0	0	0	0	18, 147	11/15/2043	. 1FE
	FHLMC_4272 FHLMC_4272		06/15/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	34,856	3,064	0	(3,064)		(3,064)	0	0	0	0	0	5,546 15,221	11/15/2043	. 1FE
	FHLMC 4286		06/15/2020 .	. INTEREST ONLY PAYMENT		٥		93,011	6,530	0	(9,520)	0	(9,520)	0	u		0		11,275	12/15/2038	1FE
3137B7-ER-6			06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	141.914	4.448	0	(4,554)	0	(4,554)	0	0	0	0	0	12.846	07/15/2035	1FE
	FHLMC_4351		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	126,375	6,041	0	(6,041)	0	(6,041)	0	0	0	0	0	15,868	06/15/2044	. 1FE
3137BB-R8-5			06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	169,636	9,730	0	(9,730)		(9,730)	0	0	0	0	0	21,062	06/15/2054	. 1FE
3137BC-HN-1	FHLMC_4360		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	40,915	4, 108	0	(4, 108)	0	(4, 108)	0	0	0	0	0	5,811	07/15/2044	. 1FE
	FHLMC_4365		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	73,347	5,879	0	(5,879)	0	(5,879)	0	0	0	0	0	8,465	12/15/2036	. 1FE
3137BD-L7-9 3137BD-WC-6	FHLMC_4384FHLMC_4385		06/15/2020 . 06/15/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٥	ν	306,827	18,440	0	(18,440)		(18,440)	0			0		29,634	09/15/2044	. 1FE
3137BE-3Q-5	FHLMC_4386		06/15/2020 .	INTEREST ONLY PAYMENT		0	0	192.064	12,568	0	(12,568)	0	(12,568)	0	0	0	0	0	23,727	09/15/2044	1FE
3137BF-W8-0	FHLMC_4417		06/01/2020	MBS PAYDOWN		289,799	289,799	240,534	286,302	0	3,498	0	3,498	0	289,799	0	0	0	0	.06/15/2041	. 1FE
3137BG-FU-8	FHLMC_4436		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	145,949	4,621	0	(4,621)	0	(4,621)	0	0	0	0	0	11,849	02/15/2045	. 1FE
	FHLMC_4464		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	197, 446	10,506	0	(10,506)	0	(10,506)	0	0	0	0	0	17,934	04/15/2045	. 1FE
	FHLMC_4507 FHLMC_4526		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	341,405	25,368	0	(25,368)	0	(25,368)	0	0	0	0	0	44,438	09/15/2045	. 1FE
	FHLMC 4541		06/01/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٥	ν	130,846	10,256		(10,256)	0	(10,256)		0 n		0		11,488	11/15/2045 12/15/2045	1FF
3137BN-3A-0	FHLMC 4550	-	06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	150,022	9,214	0	(9,214)		(9,214)		0	0	0	0	17,685	02/15/2046	1FE
3137BP-FF-1	FHLMC_4585		06/15/2020 .	INTEREST ONLY PAYMENT		0	0	238,394	0	0	(5,371)	0	(5,371)	0	0	0	0	0	10,792	.05/15/2046	. 1FE
3137BP-HL-6	FHLMC_4582	.	06/15/2020 .	INTEREST ONLY PAYMENT		0	0	473,655	28,206	0	(28,206)		(28, 206)	0	0	0	0	0	46,351	05/15/2046	. 1FE
	FHLMC_4587	-	06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	244,920	14,842	0	(14,842)		(14,842)	0	0	0	0	0	31,367	06/15/2046	. 1FE
	FHLMC_4608		06/15/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	554,785	0 8.515	0	(1,053) (8,515)		(1,053) (8,515)	ļ	0	0	0	}ō	12,460	05/15/2040 06/15/2041	. 1FE
	FHLMC 4607		06/15/2020 .	. INTEREST ONLY PAYMENT		 n		123,437	8,314	 n	(8,314)		(8,314)		n	n	n	n	23,390	08/15/2041 08/15/2046	1FE
	FHLMC 4604		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	42,233	0,014	0	(99)		(99)		0	0	0	0	951	08/15/2046	. 1FE
3137BR-SF-3	FHLMC_4612		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	168,403	8,551	0	(8,551)	0	(8,551)	0	0	0	0	0	16,218	09/15/2046	. 1FE
	FHLMC_4620		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	421,521	27,868	0	(27,868)	0	(27,868)		0	0	0	0	57,203	10/15/2046	. 1FE
	FHLNC_4621		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	70,440	3,472	0	(3,472)		(3,472)	0	0	0	0	0	6,999	10/15/2046	. 1FE
3137BT-XP-1 3137BW-5X-8	FHLMC_4651FHLMC_4669	-	06/15/2020 . 06/15/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	Q	91,937		0	(213)		(213)	0	0		0		2,040	01/15/2047 03/15/2044	. 1FE 1FE
3137BW-RG-1	FHLMC 4664	-	06/15/2020 .	. INTEREST ONLY PAYMENT			ν		9.924	n	(9,924)	n	(13, 150)	n	n	n	n	n		03/15/2044	1FE
3137BX-SJ-2	FHLMC_4685		06/15/2020 .	INTEREST ONLY PAYMENT		0	0	73,704	3,559	0	(3,559)	0	(3,559)	0	0	0	0	0	8,654	05/15/2047	1FE
3137BX-WY-4	FHLMC_4684		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	256,955	16,390	0	(16,390)	0	(16,390)	0	0	0	0	0	26,093	05/15/2047	1FE
3137BY-PE-4	FHLMC_4692		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	392,572	14, 126	0	(14, 126)	0	(14, 126)	0	0	0	0	0	34,273	06/15/2047	. 1FE
3137F1-YG-7	FHLMC_4705		06/15/2020 .	. INTEREST ONLY PAYMENT			0	236 , 143	13,823	0	(13,823)	0	(13,823)	0	ō	0	0	0	30,116	01/15/2039	. 1FE
3137F5-RN-1 3137FA-QF-8	FHLMC_4795 FHMS_KW03		06/15/2020 . 06/01/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0		105,387	0	(105,387)	0	(105,387)	0	0	0	0	0	143,811	05/15/2048 06/25/2027	1FE
3137FB-X8-4	FHLMC 4739	-	06/01/2020 .	. INTEREST ONLY PAYMENT		٠	n	504,813	18,037	n	(280)	n	(280)	n	0 0	0	n	n	43,655	12/15/2047	1FF
3137FB-YH-3	FHLMC 4737		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0		0	0	(5, 153)	0	(5, 153)	0	0	0	0		7,502	12/15/2047	1FE
3137FC-ZC-1	FHLMC_4748		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	153,842	12,765	0	(12,765)	0	(12,765)	0	0	0	0	0	20,457	.08/15/2047	. 1FE
	FHLMC_4751	. 1	06/15/2020	INTEREST ONLY PAYMENT	l	0	0	354.082	0	0	(717)		(717)	0	0	0	0	0	8,166	03/15/2039	1FE

					Show All Lo	ng-Term Bo	onds and Sto									_					
1	2	3	4	5	6	7	8	9	10			ok/Adjusted			16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange			Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
			06/15/2020	. INTEREST ONLY PAYMENT		0	0	52,538	0	0	( 106 )		(106)	00	0	00	0	0	1,224	07/15/2040	1FE
	FHLNC_4824		06/01/2020	. INTEREST ONLY PAYMENT		0	0	457,944	39,164	0	(39, 164)		(39, 164)	00	0	0	0	0	49,966	04/15/2045	1FE
3137FL-ZV-9 3137FP-D9-3	FHLMC 4917		06/15/2020 06/25/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٠٥	u	345,742	23,361		(23,361)		(23, 361)		u		0			09/15/2038 10/25/2049	1FE
3137FP-XW-0	FHLMC 4923		06/15/2020	. INTEREST ONLY PAYMENT				179,549	10,858	0	(22,367)	0	(10,858)	0	0	0	0	0	20 . 132	10/25/2049	1FE
3137FT-FU-6	FHMS K738		06/01/2020	. INTEREST ONLY PAYMENT		0	0	9	0	0	0		0	0	0	0	0	0	Ω	01/25/2027	1FE
3137FT-G2-7	FHMS_K109		06/01/2020	. INTEREST ONLY PAYMENT		0	0	489	0	0	0	0	0	0	0	00	0	0	6	04/25/2030	1FE
3137G0-AD-1	STACR_13-DN2		06/25/2020	MBS PAYDOWN		204,546	204,546	218,269	205,938	0	(1,392)		(1,392)	0	204,546		0	0	4,556	11/25/2023	1
3137G0-BK-4 3137G0-CU-1	STACR_14-DN3 STACR 14-DN4		06/25/2020 06/25/2020	. MBS PAYDOWN			865,405		867,906	0	(2,502)	0	(2,502)	00	865,405		0	0	19,714	08/25/2024	1
	STACR_14-DN4 STACR_14-HQ3		06/25/2020	MBS PAYDOWN		188,458		178,069		0	935	0	935	0	188,458		0		4,764	10/25/2024	1
3137G0-EJ-4	STACR 15-HQ1		06/25/2020	MBS PAYDOWN		498,895	498,895	459,744	493,914	0	5,851	0	5,851	0	498,895		0	0	11,004	10/25/2024	1
3137G0-HJ-1	STACR_15-HQA2		06/25/2020	MBS PAYDOWN		717,052	717,052	816, 152	730,019	0	(12,967)	0	(12,967)	0	717,052	0	0	0	21,421	05/25/2028	1
3137G0-HW-2	STACR_2016-DNA1		06/25/2020	. MBS PAYDOWN		231,246	231,246	253,988	234,902	0	(3,656)		(3,656)	0	231,246		0	0	7,334	07/25/2028	1
3137G0-JU-4	STACR_16-DNA2		06/25/2020	. MBS PAYDOWN		1,699,478	1,699,478	1,839,751	1,722,184	0	(22,706)		(22,706)	0	1,699,478		0	0	43,757	10/25/2028	1
	STACR_16-HQA2 STACR_16-HQA2		06/25/2020 06/25/2020	MBS PAYDOWN		458,718 1,417,152	458,718 1,417,152	501,866	465,702	0	(6,984)		(6,984)	0	458,718		0	0	14,531	11/25/2028	1
3137G0-KQ-1	STACR_16-DNA3		06/25/2020	MBS PAYDOWN		3,543,679	3,543,679	3,896,728	3,594,233		(41,274)		(41, 274		3,543,679				95.823	12/25/2028	1
3137G0-RL-5	STACR_17-HQA3		06/25/2020	MBS PAYDOWN		337,204	337,204	342,262	338,009	0	(805)		(805	0	337,204		0	0	5,237	04/25/2030	1
	STACR_18-DNA1		06/25/2020	. INTEREST ONLY PAYMENT		0	0	30,238	18,553	0	(18,553)		(18,553	0	0	0	0	0	17,900		2FE
3137GA-4S-3	FHLMC_3730B		06/01/2020	. INTEREST ONLY PAYMENT		0	0	39,628	7,616	0	(7,616)		(7,616)	00	0	00	0	0	9,331	03/15/2040	1FE
	FHLMC_3736		06/15/2020	. INTEREST ONLY PAYMENT		00	0	101,096	4,376	0	(4,376)		(4, 376)	00	0		0	0	11,448	10/15/2040	1FE
3137GA-N7-8 31384V-MN-9	FHLMC_3746 SA		06/15/2020 06/01/2020	. INTEREST ONLY PAYMENT MBS PAYDOWN		2,541	2,541	53,055	4,621	0	(4,621)		(4,621)					0	8,251 95	07/15/2040 01/01/2025	1FE
3138A4-YE-9	FNMA 30YR		06/01/2020	MBS PAYDOWN		106,577	106,577	112,239	107,736	0	(1, 159)		(1, 159	0	106,577		0	0	1,954	01/01/2041	1FE
3138AN-4C-4	FANNIE MAE		06/01/2020	MBS PAYDOWN		828,425	828,425	861,433	832,230	0	(3,805)		(3,805)	0	828,425		0	0	14,711	09/01/2041	1FE
3138AN-C6-8	FANNIE MAE		06/01/2020	. MBS PAYDOWN		169,783	169,783	180,527	170,337	0	(555)		(555)	0	169,783		0	0	3,259	08/01/2041	1FE
3138AN-DY-6 3138AP-Q3-5	FANNIE MAE		06/01/2020	MBS PAYDOWN		605,854	605,854	630,656	607,439	0	(1,586)		(1,586)	0	605,854		0	0	10,283	08/01/2041	1FE
3138AS-SC-7	FANNIE MAE		06/01/2020 06/01/2020	MBS PAYDOWN		80,026 372,300	80,026 372,300	83,496 397,896			(62)		(62)		80,026 372,300		0		7,511	09/01/2041 09/01/2041	1FE
3138AW-HC-0	FANNIE MAE		06/01/2020	MBS PAYDOWN		174, 126	174, 126	181,826	174,836	0	(2,300)		(710	0	174, 126		0	0	3,200	12/01/2041	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		741,015	741,015		742,308	0	(1,292)		(1,292	0	741,015		0	0	8,981	06/01/2044	1FE
3138ER-YH-7	FNMA 30YR		06/01/2020	MBS PAYDOWN		2,784,419	2,784,419	2,793,555	2,785,368	0	(950)		(950)	0	2,784,419		0	0	47 , 124	11/01/2046	1FE
3138ET-6F-8	FNMA 30YR		06/01/2020	. MBS PAYDOWN		13,840	13,840	14, 252	14,252	0	(412)		(412)	00	13,840		0	0	73	10/01/2043	1FE
3138WG-AC-8 3138WX-A9-8	FNMA 30YRFNMA 30YR		06/01/2020 06/01/2020	MBS PAYDOWN		607,892	607,892	628,527 239,175	611,991	0	(4,099)		(4,099)	0	607,892 226,841		0	0	9,207 5.088		1FE
3138X5-ZX-8	FNMA 30YR		06/01/2020	MBS PAYDOWN		1,735	1,735	1,829	1,748	0	(117)		(117	0	1,735		0	0		08/01/2043	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		4,731	4,731	4,988	4,760	0	(29)		(29	0	4,731		0	0	89	09/01/2043	1FE
313920-QK-9	FNMA_01-38 SA		06/25/2020	. INTEREST ONLY PAYMENT		0	0	1,818	135	0	( 135)	0	( 135)	0	0	0	0	0	412	08/25/2031	1FE
	FNMA_01-46 S		06/18/2020	. INTEREST ONLY PAYMENT		0	0	8,678	653	0	(653)		(653)	0	0	0	0	0	2,273	09/18/2031	. 1FE
313921-A9-9 313921-GK-8	FNMA_01_59 S		06/25/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0		5,058 2,791	278	0	(278)		(278)		0	0	0	0	884	11/25/2031	1FE
	FNMA 01-57 S		06/25/2020	. INTEREST ONLY PAYMENT		0	0	1,569	102	0	(102)		(102)	0	0	0		0	240	06/25/2031	1FE
313921-U8-9			06/25/2020	INTEREST ONLY PAYMENT		0	0		84	0	(84)		(84	0	0	0	0	0	228	09/25/2031	1FE
	FNMA_01-62 SC		06/25/2020	. INTEREST ONLY PAYMENT		0	0	2,538	164	0	(164)		( 164)	0	0	00	0	0	390	11/25/2031	1FE
31392A-NC-8	FNMA_01-50 SQ		06/25/2020	. INTEREST ONLY PAYMENT		0	0	1,602	104	0	(104)		( 104	00	0	0	0	0	246	11/25/2031	1FE
31392A-VG-0 31392B-5U-6	FNMA_01-63 SA		06/18/2020	. INTEREST ONLY PAYMENT		0	0	2,369	158	0	(158)		( 158)	0	0	0	0	0	361	12/18/2031	1FE
31392B-5X-0	FNMA_02-10 SA		06/25/2020	. INTEREST ONLY PAYMENT	-		ν Ο	1,625	20	o	(20)		(20	n	n	n	n	 0	429	02/25/2032	1FE
31392B-6J-0	FNMA_02=10 QI		06/25/2020	INTEREST ONLY PAYMENT		0	0	2,377	82	0	(82)		(82)	0	0	0	0	0	151	10/25/2031	1FE
31392B-6K-7	FNMA_02-10 QJ	. [	06/25/2020	. INTEREST ONLY PAYMENT		0	0	1,774	73	0	(73)		(73	0	0	0	0	0	137	10/25/2031	1FE
	FNMA_02-10 QT		06/25/2020	. MBS PAYDOWN		20,591	20,591	23,608	20,296	0	295	0	295	0	20,591		0	0	1,311	10/25/2031	1FE
	FNMA_01-72 SW		06/25/2020	. MBS PAYDOWN		2,006	2,006	2,637	2,042	0	(36)		(36)		2,006		0	0	139 19	12/25/2031	1FE
	FNMA_02-9 SI	.	06/25/2020 06/18/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT	-	0			10		(10)		(10)		0 0				19	03/25/2032 01/18/2032	1FE
31392B-SY-3			06/25/2020	. INTEREST ONLY PAYMENT		0	0	4,941	521	0	(132)		(521	0	0		0	0	1.177	02/25/2032	1FE
31392B-TQ-9	FNMA_02-5 SA		06/25/2020	. INTEREST ONLY PAYMENT		0	0	2, 107	186	0	(186)	00	( 186	0	0	0	0	0	393	11/25/2027	1FE
31392B-WA-0			06/25/2020	INTEREST ONLY PAYMENT		0	0	1,618	109	0	(109)	)   0	(109)	0	0	) <b> </b> 0	0	0	267	01/25/2032	1FE

					Show All Lo	ng-Term B	onds and Sto	ock Sold, Re	deemed or (	Otherwise I	Disposed o	of During t	he Curren	t Quarter							
1	2	3	4	5	6	7	8	9	10	Cł		ok/Adjusted			16	17	18	19	20	21	22
										11	12	13	14	15							
												_	Total	Total							
												Current	Change ir	_	D 1./				Bond		NAIC
									D. C. W.			Year's	Book/	Exchange	Book/				Interest/	01-1-1	Desig-
									Prior Year		Current	Other Than	Adjusted	_	Adjusted	Foreign	Darkerd		Stock	Stated	nation
OLIOID					N				Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange		T. 1. 1. 0 . 1.	Dividends	Con-	and
CUSIP			Diamanal	N	Number of	0		A =4=1	Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-	Description	For-	Disposal	Name	Shares of	Consid-	Dan Value	Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	FNMA_02-25 SX		06/25/202006/18/2020 .	. INTEREST ONLY PAYMENT		0	Q	641	15	0	(15)	0	(15		۵	0	0	0	334	04/25/2032	1FE 1FE
313920-Q4-9	FNMA_02-34 SE		06/18/2020 .	INTEREST ONLY PAYMENT		0	0	9,702		0	(823)	0	(823		0	0	0	0	1,637	05/18/2032	1FE
31392C-RB-2	FNMA_02-21 SD		06/25/2020	INTEREST ONLY PAYMENT		0	0	1,676	22	0	(22)		(22		0	0	0	0	617	.04/25/2032	1FE
31392C-UN-2	FNMA_02-16 SN		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	231	19	0	(19)		(19		0	0	0	0	41	01/25/2032	1FE
31392D-AQ-5 31392D-QF-2	FNMA_02-28 SB		06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	1,196	156	0	(156)	0	156		0	0	0	0	304	05/25/2032 06/18/2032	. 1FE
31392D-UF-2 31392D-SC-7	FNMA_02-44 SJ		06/18/2020 .	. INTEREST ONLY PAYMENT		٥		3,688	225	0	(101)	0	(225			0	0	0	553	04/25/2032	1FE
	FNMA_02-47 NS		06/25/2020 .	. INTEREST ONLY PAYMENT			0	4,647	283	0	(283)		(283			0	0	0	696	04/25/2032	1FE
31392D-WZ-1	FNMA_02-51 SM		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	3,268	219	0	(219)	0	(219	0	0	0	0	0	489	08/25/2032	. 1FE
31392E-6F-2	FNMA_02-67		06/01/2020 .	. MBS PAYDOWN		25,881	25,881	28,275	26,084	0	(203)		(203		25,881	0	0	0	644	11/25/2032	. 1FE
31392E-GM-6 31392E-HK-9	FNMA_02-52 S FNMA_02-53 SG		06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT	·	0	ļ0	10,677	81 8	0	(81)		(81		0	0	0	ļ	3,725	09/25/2032 07/25/2032	. 1FE
31392E-HK-9 31392E-P9-5	FNMA_02-64 SH	-	06/25/2020 .	. INTEREST ONLY PAYMENT	····		ν	1,530	126	n	(8)		(8		0 0	n	n	n	272	10/25/2032	1FE
31392E-VX-5	FNMA_02-60 X1		06/01/2020	INTEREST ONLY PAYMENT		0	0	3,902		0	(124)		( 124		0	0	0	0	619	02/25/2044	1FE
31392E-WS-5	FNMA_02-60 MS		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	647	75	0	(75)	0	(75		0	0	0	0	141	08/25/2032	. 1FE
31392F-6E-2	FNMA_02-77 S		06/25/2020 .	MBS PAYDOWN		21,638	21,638	22,941	21,030	0	608	0	608		21,638	0	0	0	1, 118	12/25/2032	. 1FE
31392F-Z7-5 31392H-T9-4	FNMA_02-82 SH		06/25/2020 .	. MBS PAYDOWN		697	697 0		679 211	0	18	0	18		697	0	0	0	34	12/25/2032	1FE 1FE
	FNMA_03-2 S		06/25/2020 .	. INTEREST ONLY PAYMENT				1,539	35	0	(211)		(211		0	0	0	0	430	02/25/2033	1FF
	FNGT 03-T2 A1		06/25/2020 .	MBS PAYDOWN		10.801	10,801	10.810	10.826	0	(24)		(24		10.801	0	0	0	69	03/25/2033	1FE
	FHLMC_2448 ZH		06/01/2020 .	MBS PAYDOWN		116, 124	116, 124	123,563	116,382	0	(258)	0	(258	0	116,124	0	0	0	2,896	05/15/2032	1FE
	FHLMC_2459 SP		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	1,964	147	0	(147)	0	( 147		0	0	0	0	305	06/15/2032	1FE
31392R-DC-2 31392U-L3-6	FHLMC_2469 SH		06/15/2020 . 06/17/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT			٥	4,488 2,386	357 265	0	(357)	0	(357		0	0	0	0	901 493	07/15/2032 09/17/2032	1FE 1FE
31392X-V9-6	FHLMC 2520 BE		06/01/2020 .	MBS PAYDOWN		13, 130	13,130	14,406	13,220	0	(203)		(90		13, 130	0	0	0	338	11/15/2032	1FF
31393A-LW-5	FNMA_03-31 SM		06/25/2020	. INTEREST ONLY PAYMENT		0	0	4,464	225	0	(225)		(225		0	0	0	0	911	04/25/2033	1FE
31393A-S4-0	FNW_03-W5 A		06/25/2020 .	MBS PAYDOWN		6,380	6,380	6,379	6,380	0	0	0	0		6,380	0	0	0	34	04/25/2033	. 1FE
31393B-6U-4	FNW_03-W9 A		06/25/2020 .	MBS PAYDOWN		2, 168	2, 168	2, 168	2,168	0	0	0	0		2, 168	0	0	0	14	06/25/2033	. 1FE
	FNMA_03-W13 AV2		06/25/2020 .	MBS PAYDOWN		2, 118	2,118 95,276	2,118	2,118	0		0			2,118 95,276		0		2,074	10/25/2033	1FE
	FNMA 03-45		. 06/01/2020	MBS PAYDOWN		2.515	2,515	3,537	2.558	0	(43)	0	(43		2.515	0	0	0	137	06/25/2033	1FE
	FNMA_03-46 T		06/01/2020 .	MBS PAYDOWN		21,643	21,643	23,557	21,700	0	(58)	0	(58	0	21,643	0	0	0	541	06/25/2033	1FE
31393E-4H-9	FNMA_03-87		06/25/2020 .	MBS PAYDOWN		456	456	462	456	0	0	0	0		456	0	0	0	10	07/25/2033	1FE
31393F-AC-0 31393F-VT-0	FHLMC_2530 QT		06/15/2020 . 06/15/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN		0 697	0	2,212	83 722	0	(83)		(83		0 697	0	0	0	154	01/15/2032	1FE
31393F-V1-0 31393G-PX-6	FHLMC 2535 HI	-	06/01/2020 .	INTEREST ONLY PAYMENT		097	097		32	0	(25)		(25		097	n	0	n	61	02/15/2032	1FE
31393J-BT-4	FHLMC_2551 SD		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	8,419	583	0	(583)	0	(583		0	0	0	0	1,252	01/15/2033	1FE
31393N-QN-2	FHLMC_2599 EA		06/01/2020 .	MBS PAYDOWN		20 , 131	20,131	19, 124	19,995	0	135	0	135		20,131	0	0	0	0	04/15/2033	1FE
	FHLMC_2614		06/01/2020 .	VARIOUS		874	874	1,042	884	0	(10)	0	(10		874	0	0	0	34	05/15/2033	1FE
	FHLMC_2610 EA		06/01/2020 .	MBS PAYDOWN		9,792	9,792	8,813 2,915	9,610 240	0	182	0	182		9,792	0	0			05/15/2033 02/25/2034	1FE 1FF
	FNMA 04-14 SP		06/25/2020 .	. INTEREST ONLY PAYMENT		00	0	5,227	0	0	(240)	0	(240		0	0	0	0	2,055	11/25/2033	1FE
	FNMA_04-14 S		06/25/2020 .	INTEREST ONLY PAYMENT		0	0		(34)	0	34	0	34	0	0	0	0	0	3,254	03/25/2034	1FE
31393U-CE-1	FNMA_03-126 IC		06/25/2020	. INTEREST ONLY PAYMENT		0	0	412	30	0	(30)	0	(30		0	0	0	0	42	12/25/2033	. 1FE
31393U-EF-6	FNMA_03_119 MQ		06/25/2020 .	MBS PAYDOWN		18,680		21,167	18,009	0	671	0	671		18,680	0	0	0	1, 179	11/25/2033	1FE
31393U-ZG-1 31393W-WX-3	FNMA_03-131 SK		06/15/2020 .	MBS PAYDOWN		22,343	22,343	26, 159	21,904	0	439	0	439		22,343	0	0	0	1,274	01/25/2034 07/15/2033	1FE 1FF
31393X-BH-9	FNMA_04-12 ES		06/25/2020 .	MBS PAYDOWN		27,812	27,812	28,264	26,650	0	1,162	0	1, 162		27,812	0	0	0	1,390	07/25/2033	1FE
31393X-YR-2	FNMA_04-17 BS		06/25/2020	INTEREST ONLY PAYMENT		0	0	39,513	2,556	0	(2,556)	0	(2,556	0	0	0	0	0	6,524	01/25/2034	. 1FE
31393Y-D6-9	FNMA_04-47 UI		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	10,812	829	0	(829)	0	(829		0	0	0	0	2,237	06/25/2034	. 1FE
31393Y-Q9-9	FNMA_04_46		06/25/2020 .	. MBS PAYDOWN		7,861	7,861	7,143	7,788	0	73	0	73		7,861	0	0	0	0	03/25/2034	. 1FE
31393Y-T7-0 31393Y-TH-8	FNMA_04-46 QT		06/25/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN		6,926	6,926	5,484 6,822	647 6,521	0	(647) 405	0 n	(647		6.926	0 n	0	0 n	837	05/25/2034 06/25/2034	. 1FE
31394A-2W-5	FNMA 04-73 TI		06/01/2020 .	. INTEREST ONLY PAYMENT		0,320	0,920		566	0	(566)	0	(566		0,920	0	0	0	811	10/25/2034	1FE
31394A-4U-7	FNMA_04-70 XJ		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	4,695	354	0	(354)	0	(354	0	0	0	0	0	488	10/25/2034	. 1FE
	FNMA_04-69		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	15,717	1, 198	0	(1, 198)	0	(1, 198		0	0	0	0	1,930	12/25/2033	. 1FE
31394A-J7-2	FNMA 04-66 XA	. 1	06/01/2020 .	INTEREST ONLY PAYMENT	L	0	10	11.150	905	0	(905)	0	(905	0 ((	0	0	0	0	1.444	09/25/2034	I 1FE

	2	2 4	E	OHOW All LC	ing-renni bi	onds and Sto								16	17	10	10	20	21	20
1	2	3 4	5	6	/	8	9	10			ok/Adjusted			16	17	18	19	20	21	22
									11	12	13	14	15							
												Total	Total							
											Current	Change in	Foreign					Bond		NAIC
											Year's	Book/	Exchange	Book/				Interest/		Desig-
								Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
								Book/	Unrealized		Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP				Number of				Adjusted	Valuation	(Amor-	Impairment		/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For- Disposa	I Name	Shares of	Consid-		Actual	Carrying		tization)/		(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
	Danadatian					Des Velus			Increase/	,	Recog-	,	, ,		, ,	` ,	` '			
ification	Description	eign Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion		13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	FNMA_04-63 PI				0	0	1,274	310	0	(310)		(310)	0	0	0	0	0	771	08/25/2034	1FE
	FNMA_04-63 TI				0	0	9,977	708	0	(708)	0	(708)	0	0	0	0	0	1,293	08/25/2034	1FE
	FNMA_04-63 BI				0		26,323 7.192	2,087 530	0	(2,087)		(2,087)	0	0 0	0			3,729 864	08/25/2034 07/25/2033	1FE 1FF
	FNMA_04-62						17,686	1,265	0	(1,265)		(1, 265)		0				3,056	08/25/2034	1FE
31394A-TD-8	FNMA_04-61					ν	8,139	953	0	(1,203)		(1,263)		U0				1.814	08/25/2034	1FE
31394A-TX-4	FNMA 04-61				2.953	2,953	3,399	2,980		(27)		(27)		2,953				104	11/25/2032	1FE
31394A-WM-4	FNMA 04-60		INTEREST ONLY PAYMENT .		,2,333 N	535 N	22,985	1,100	n	(1, 100)		(1, 100)		,355 N	o	n	n	3,031	11/25/2032	1FE
31394A-ZQ-2	FNMA 04-71 TI		INTEREST ONLY PAYMENT .		n	n	7.401		n	(699)		(699)		n	n	n	n	1, 145	04/25/2034	1FE
	FNMA 04-71 UI				n		7,562	627	0	(627)		(627)		0		n	n	1.088	02/25/2034	1FE
	FNMA 04-100 SB				0	0	11,807	830	0	(830)		(830)		0	0	0	0	1,773	01/25/2035	1FE
	FNMA_04-90 CS				0	0	2,550	220	0	(220)		(220)		0	0	0	0	537	11/25/2034	1FE
	FNMA_05-19 SA				0	0	12,332	324	0	(324)		(324)		0	0	0	0	2, 151	03/25/2035	1FE
31394C-RE-4	FNMA_05-17		INTEREST ONLY PAYMENT .		0	0	30,655	572	0	(572)		(572)		0	0	0	0	4,357	03/25/2035	1FE
31394D-6V-7	FNMA_05-56		MBS PAYDOWN		309	309	321	311	0	(2)	0	(2)	0	309	0	0	0	8	08/25/2033	1FE
	FNMA_05-45				40,365	40,365	61,758	40,895	0	(530)	0	(530)	0	40,365	0	0	0	3,093	06/25/2035	1FE
	FNMA_05-66 SQ		MBS PAYDOWN		8,779	8,779	8,895	8,515	0	265	0	265	0	8,779	0	0	0	498	07/25/2035	1FE
31394E-KU-1	FNMA_05-66 SX		INTEREST ONLY PAYMENT .		0	0	12,487	1,073	0	(1,073)	00	(1,073)	0	0	0	0	0	2,414	07/25/2035	1FE
	FNMA_05-59 PS				17,479	17,479	17 , 763	16,865	0	613	0	613	0	17,479	0	0	0	991	05/25/2035	1FE
31394E-TM-0	FNMA_05-59 SW				0	0	51,476	3,298	0	(3,298)		(3,298)	00	0	0	0	0	8,753	06/25/2035	1FE
	FNMA_05-59 DS				0	0	2,922	66	0	(66)		(66)	)  0	0	0	0	0	1,030	05/25/2035	1FE
	FNMA_05-72 AS				0	0	26,995	527	0	(527)		(527)	00	0	0	0	0	7,573	08/25/2035	1FE
	FNMA_05-93				67,422	67,422		69,227	0	(1,805)	0	(1,805)	0		0	0	0	3,965	08/25/2034	1FE
	FNMA_05-75 SU				19,368	19,368	21,571 110,620	18,580 98,420	0	788 4.059		788	0	19,368	0			2, 187 8,656	09/25/2035	1FE 1FF
	FNMA_05-76 SA				102,479	102,479	15,446	12,896	0	4,059	0	4,059	0	102,479			0	880	. 06/25/2034	IFE
	FNMA_05-74 FNMA_05-74				91,212	91,212	137,315	92,763		(299)		(299)		91,212					05/25/2035 07/25/2035	1FE
	FNMA_05-74 FNMA_05-84 SN				91,212	0	36,049	2,003		(2,003)		(2,003)		91,212				5,289	10/25/2035	1FE
	FHLMC 2682 SB				2,995	2,995	3, 115	2,903		92	0	92	,	2.995		0	n	138	10/15/2033	1FE
31394M-WC-0	FHLMC 2725 SC				18, 198	18.198	16,549	17.465	0	733	0	733	0	18 . 198	0	0	0	531	11/15/2033	1FF
	FHLMC 2736 SB	.06/01/2020			66.004		63 . 127	60,643	0	5.362	0	5.362	0	66.004	0	0	0	3.185	12/15/2033	1FE
	FHLMC 2750 SG				0	0	3, 156	27	0	(27)		(27)	0	0	0	0	0	1.030	02/15/2034	1FE
	FHLMC 2750 SQ				0	0	4.841	792	0	(792)		(792)	0	0	0	0	0	1,615	08/15/2022	1FE
	FHLMC 2761 ST				0	0	4,931	299	0	(299)	0	(299)	0	0	0	0	0	2,203	12/15/2033	1FE
	FNMA_05-95 PS		MBS PAYDOWN		12,008	12,008	11,749	11,376	0	632	0	632	0	12,008	0	0	0		10/25/2035	1FE
	FNMA_05-102 DS		MBS PAYDOWN		56,520	56,520	65,086	38,356	0	18, 164	0	18, 164	0	56,520	0	0	0	3,232	11/25/2035	1FE
	FNMA_05-102				32,752	32,752	54,839	33 , 159	0	(407)	00	(407)	00	32,752	0	0	0	2,567	11/25/2035	1FE
	FNMA_05-106 PK				21,728	21,728	20,519	0	0	21,728	0	21,728	0	21,728	0	0	0	1,602	12/25/2035	1FE
	FNMA_05-110 PS	06/25/2020			40,772	40,772	41,466	38,964	0	1,808	0	1,808	0	40,772	0	0	0	3,761	09/25/2035	1FE
	FNMA_05-117 KS				0	0	9,296	555	0	(555)		(555)		0	0	0	0	1,235	01/25/2036	1FE
31394V-EV-8	FNMA_05-122				0	0	6,668	289	0	(289)		(289)		0	0	0	0	1,026	11/25/2035	1FE
31394V-FN-5	FNMA_05-113 DI		INTEREST ONLY PAYMENT .		0	0	19,810	619	0	(619)		(619)	0	0	0	ļ0	J	3,476	01/25/2036	1FE
	FNMA_05-114 SP				15,326	15,326	18,343	15,231	0	95	ļ0	95	0	15,326	0	ļ0	} <u>0</u>	1,061	01/25/2036	1FE
	FNMA_06-8 NS				0	0	10,573	(54)	0	54	0	54	, l	0	0	0	0	4,406	03/25/2036	1FE
	FHLMC_2795 TS				0	74.000	8,840	532	0	(532)		(532)		0	0	0	} <u>0</u>	1,236	03/15/2024	1FE
31395A-JY-2 31395B-5X-7	FHLMC_2810 ME		MBS PAYDOWN		74,022	74,022	82,218	74,416 0	0	(394)		(394)		74,022 0	0	0		1,735 5,797	06/15/2034 05/25/2036	1FE 1FE
31395B-5X-7 31395B-GL-1	FNMA_06-3		INTEREST ONLY PAYMENT .			Q		2,307	0	(1,452)		(1,452)		U0		0		5,797	05/25/2036 07/25/2035	1FE
31395B-GL-1	FNMA_06-10				94,355	94,355		93,416	0	(2,307)	,	(2,307)	,		0	0 n	0 n	4, უან	03/25/2036	IFE
	FNMA_06-10		INTEREST ONLY PAYMENT .		54,000 N	94,333	39,879	1,402	n	(1,402)		(1,402)	١	94,333	o	n	n	4,498	03/25/2036	1FE
31395B-TU-7	FNMA_06-15		MBS PAYDOWN		4.582	4,582	3,999	4.545	0	(1,402)	n	37	,	4.582	,	n	n		03/25/2036	1FE
	FNMA 06-15 IW		INTEREST ONLY PAYMENT .		n	4,362	4.677	4,343	n	(164)	n	(164)	١	4,362	n	n	n	2.022	03/25/2036	1FE
	FNMA 06-15 SB		MBS PAYDOWN		1.888	1.888	1,680	0	0	1.888	0	1.888	0	1.888		0	n	129	03/25/2036	1FE
	FNMA 06-27				4,337	4,337	4,035	4,299	0	38	0	38	0	4.337	0	0	0	0	04/25/2036	1FE
	FHLMC 2820 PI		INTEREST ONLY PAYMENT .	[		0	8.053	551	0	(551)	0	(551)	) [	0	n	n	n	803	06/15/2033	
	FHLMC 2827 SH		MBS PAYDOWN		10,965	10,965	10,444	10,369	0	596	0	596	0	10,965	0	0	0	982	02/15/2033	1FE
					0	0	6.479	(5)	0	5	0	5	0	0.000	0	0	0	2.000	05/25/2036	1FE
31395D-BC-2	FNMA U0-40 51																			

		1 0 1		0110007111120	ing-renin be	onds and Sto								40	4-7	40	40	00	0.4	- 00
1	2	3 4	5	6	/	8	9	10			ok/Adjusted			16	17	18	19	20	21	22
									11	12	13	_14	_15							
												Total	Total							
											Current	Change in	Foreign					Bond		NAIC
											Year's	Book/	Exchange	Book/				Interest/		Desig-
								Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
								Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP				Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For- Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	` 13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
31395D-PQ-6	FNMA 06-36 SA	06/25/2020 .	. MBS PAYDOWN		2,718	2,718	2,746	0	0	2,718	0	2,718	0	2,718	0	0	0	284	05/25/2036	1FE
			. INTEREST ONLY PAYMENT		0	0	5,780	202	0	(202)	0	(202	0	0	0	0	0	1,019	05/25/2036	1FE
31395D-S4-2			. INTEREST ONLY PAYMENT		0	0	22,637	1,390	0	(1,390)		(1,390)	0	0	0	0	0	2,943	03/25/2036	1FE
31395G-2E-1	FHLMC_2864		MBS PAYDOWN		47,502	47,502	52,696	48,510	0	(1,009)		(1,009)	0	47,502	0	0	0	433	09/15/2034	1FE
31395K-V9-1	FHLMC_2906 SN		MBS PAYDOWN		51,472	51,472	52,437	50,253	0	1,219		1,219	0	51,472	0	0	0	3,321	12/15/2034	1FE
31395L-VZ-1 31395M-ST-7	FHLMC_2916 FHLMC_2933		INTEREST ONLY PAYMENT MBS PAYDOWN		6,311	0 6,311	22,306	1,421 6,251	0	(1,421)	0	(1,421)	0	0 6,311		0	0	3,340	01/15/2035 02/15/2035	1FE 1FE
31395N-BF-3	FNMA 06-44 IS		. INTEREST ONLY PAYMENT		0,311	0,311	5,862	0,231		(32)		(32)		0,311	o			2,330	06/25/2036	1FE
31395N-LC-9	FNMA 06-48		. INTEREST ONLY PAYMENT			n	21,391	1.425	0	(1, 425)		(1,425)	0			n	n	2.657	06/25/2036	1FE
31395N-MK-0			. INTEREST ONLY PAYMENT		0	0	18,969		0	(522)		(522	0	0	0	0	0	3,052	06/25/2036	1FE
31395N-ML-8	FNMA_06-48		. MBS PAYDOWN		22,570	22,570	19,213	22, 182	0	388	0	388	0	22,570	0	0	0	0	06/25/2036	1FE
31395N-QU-4			MBS PAYDOWN		180,500	180,500	200,240	182,048	0	(1,548)		(1,548	0	180,500	0	0	0	4, 115	. 07/25/2036	1FE
31395N-SH-1	FNMA_06-60 AI		. INTEREST ONLY PAYMENT		0	Ω	16,522	691	0	(691)		(691)	0	ō	0	0	0	3,215	07/25/2036	1FE
31395N-TD-9 31395N-TJ-6			. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0		8,932	1,358	0	(1,358)		(1,358)	ļ0	0 0		0	ō	4,241 1,878	04/25/2035	1FE 1FE
31395N-1J-6 31395N-UH-8	FANNIE MAE		. INTEREST ONLY PAYMENT			u	5,313 172,887		0	(8,587)		(161)	0	0 0		0		1,878	02/25/2036 07/25/2036	IFE
31395N-UK-1	FNMA_06-60		MBS PAYDOWN		6,099	6,099	5,319	6,042		57	0	57		6,099	 n	٥		20,300	07/25/2036	L
31395N-UQ-8	FNMA 06-60 LI		. INTEREST ONLY PAYMENT		0,000	0,033	9,996	(42)	0	42	0	42	0	0,033	0	0	0	4.717	07/25/2036	1FE
31395N-WY-9	FNMA 06-56 CS		. INTEREST ONLY PAYMENT		0	0	24,836	1,027	0	(1,027)	0	(1,027)	0	0	0	0	0	5,295	07/25/2036	1FE
31395N-YE-1	FNMA_06-56 PS		. INTEREST ONLY PAYMENT		0	0	29,760	1,090	0	(1,090)	0	(1,090	0	0	0	0	0	7,684	07/25/2036	1FE
31395P-E4-0	FHLMC_2943		MBS PAYDOWN		4,099	4,099	19,059	4,826	0	(727)	00	(727)	0	4,099	0	0	0	1,506	03/15/2035	1FE
31395Q-E7-1	FNSTR_417		. INTEREST ONLY PAYMENT		0	0	20,933	1,451	0	(1,451)	0	(1,451)	0	0	0	0	0	2,297	12/25/2042	1FE
31395U-NF-4	FHLMC_2979 SJ		MBS PAYDOWN		23, 124	23, 124	24,006	22,341	0	783	0	783	0	23, 124	0	0	0	1,806	05/15/2035	1FE
31395U-Z5-3 31395V-2T-5	FHLMC_2996 SA		MBS PAYDOWN		18,537 18.051	18,537 18.051	17,662 15.885	15,962 17.880	0	2,575 171	0	2,575 171	0	18,537 18.051	0	0	0	1,392	06/15/2035 02/15/2035	1FE 1FF
31395V-HT-9			MBS PAYDOWN		59,213		65,319	58,506		707		707	0					3.274	06/15/2035	1FE
31395W-4N-4	FHLMC 3003D LS		. INTEREST ONLY PAYMENT				3,340	146	0	(146)	0	(146)	0	0			0	611	07/15/2035	1FE
31395X-Z9-9	FHLMC 3017 CS		INTEREST ONLY PAYMENT		0	0	3,491	411	0	(411)		(411	0	0	0	0	0	1,404	08/15/2025	1FE
31396A-MW-1	FHLMC_3035 OG		MBS PAYDOWN		21,972	21,972	14,731	21,592	0	379	0	379	0	21,972	0	0	0	0	09/15/2035	1FE
31396C-BU-3	FHLMC_3045 D0	06/01/2020 .	MBS PAYDOWN		35,655		29,995	35 , 152	0	503	0	503	0		0	0	0	Ω	10/15/2035	1FE
31396E-DX-1	FHLMC_3050		MBS PAYDOWN		6,863	6,863	8,601	7,073	0	(210)	0	(210)	0	6,863	0	0	0	369	09/15/2034	1FE
31396F-JA-2	FHLMC_3072		MBS PAYDOWN		24,225	24,225	21,439	23,998	0	227	0	227	0	24,225	0	0	0	0	02/15/2035	1FE 1FF
31396F-M9-1 31396F-TX-1	FHLMC_3074 B1 FHLMC_3092 MS		INTEREST ONLY PAYMENT MBS PAYDOWN		13,850		9,220 16,932	624	0				0					867 1.029	11/15/2035 12/15/2035	1FE
31396F-IA-1	FHLMC 3092 SJ		INTEREST ONLY PAYMENT				7.355	509	0	(509)		(509)	0	08,850		٠		1,029	12/15/2035	IFE   1FF
31396F-Z7-1	FHLMC 3077		MBS PAYDOWN		11.418	11.418	10,389	11,308	0	110	0	110	0	11.418	0	0	n		04/15/2035	1FE
31396G-E2-3	FHLMC_3084		MBS PAYDOWN		48,318	48,318		49,260	0	(942)	0	(942)	0	48,318	0	0	0	3,244	12/15/2034	1FE
31396G-J3-6	FHLMC_3105		. INTEREST ONLY PAYMENT		0	Ω	46,964	2,755	0	(2,755)		(2,755	0	0	0	0	0	5,302	01/15/2036	1FE
31396H-2D-0	FHLMC_3100		MBS PAYDOWN		11,240	11,240	10,272	11, 130	0	110	0	110	0	11,240	0	0	0		01/15/2036	1FE
31396H-2E-8	FHLMC_3100 PQ		INTEREST ONLY PAYMENT		0	Ω	32,597	2,992	0	(2,992)		(2,992)	0	ō	0	0	0	6,031	01/15/2036	1FE
31396H-GB-9	FHLMC_3114 BI		INTEREST ONLY PAYMENT		0	ļ0	15,552	1,308	0	(1,308)		(1,308)	0	0	0	0	}ō	3,023	04/15/2030	1FE
31396H-H5-1 31396H-RL-5	FHLMC_3114		INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	Ω	7,385	31	0	(31)	·0	(31)	0	0	0	0		2,856 4,458	02/15/2036 02/15/2036	1FE 1FF
31396H-SA-8	FHLMC 3119 HI		INTEREST ONLY PAYMENT			νn		1,661	0 n	(1,661)	n	(1,661)	n		 n	 n	n		02/15/2036	IFE
31396J-5W-1	FHLMC 3134 SA		INTEREST ONLY PAYMENT		0	0	21,262	1,001	0	(167)		(167	0	0	0	0	0	7,625	03/15/2036	1FE
31396J-PN-9	FHLMC_3123		. INTEREST ONLY PAYMENT		0	0		2,270	0	(2,270)		(2,270	0	0	0	0	0	4,752	03/15/2036	1FE
31396K-5P-3	FNMA_06-98 SQ		. INTEREST ONLY PAYMENT		0	0	38,218	1,935	0	(1,935)		(1,935)	0	0	0	0	0	5,402	10/25/2036	1FE
31396K-5V-0	FNMA_06-98 ST		. MBS PAYDOWN		2,838	2,838	2,783	2,803	0	35	0	35	0	2,838	0	0	0	76	10/25/2036	1FE
31396K-6U-1	FNMA_06-100 SA		. MBS PAYDOWN		7,281	7,281	10,931	7,214	0	67	0	67	0	7,281	0	0	0		10/25/2036	1FE
31396K-D2-5	FNMA_06-83		. INTEREST ONLY PAYMENT		0	0	38,979	2,179	0	(2, 179)		(2, 179)	0	0	0	0	0	5,536	. 09/25/2036	1FE
31396K-F7-2 31396K-JP-8	FNMA_06-88 BI FNMA_06-72		. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	J0	4,685 .48,454	736	0	(736)	0	(736)	ļ0	0 0	0	0	}	2,537 8,138	09/25/2036 08/25/2036	1FE
31396K-JP-8 31396K-LL-4	FNMA_06-70 PK		. INTEREST UNLY PAYMENT		23.882	23,882		2,947	0	1.082	0	1.082		23.882	0	0	n	8, 138	08/25/2036	IFE 1FF
31396K-M4-1	FNMA 06-81 SQ		. INTEREST ONLY PAYMENT		20,002 N	20,302 N	24,714	1,134	0	(1,134)		(1, 134)	0		n	0 n	n	6.376	. 09/25/2036	1FE
31396L-3N-8	FNMA 06-114 SE		. INTEREST ONLY PAYMENT	[	0	0	168	(1)	0	1	0	1	0	0	0	0		87	12/25/2036	1FE
31396L-3P-3	FNMA_06-114		. MBS PAYDOWN		2,039	2,039	1,798	2,011	0	28	0	28	0	2,039	0	0	0	0	12/25/2036	1FE
31396L-D5-6			. INTEREST ONLY PAYMENT		0	0	4,647	240	0	(240)		(240)	0	0	0	0	0	549	12/25/2036	1FE
	FNMA 06_122 S	06/25/2020	INTEREST ONLY PAYMENT				3 162	182		(182)		(182)		Λ.				811	12/25/2036	1FF

					Show All Lo	ng-Term B	onds and Sto	ck Sold, Red	deemed or 0	Otherwise I	Disposed of	of During t	he Curren	t Quarter							
1	2	3	4	5	6	7	8	9	10	Cł		ok/Adjusted			16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange			Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	t Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign		of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
31396L-GE-4		.	06/01/2020 .	. MBS PAYDOWN		24,012	24,012	20,699	23,665	0	347	0	347		24,012	0	0	0	0	10/25/2036	. 1FE
31396L-HY-9 31396L-LW-8	FNMA_06-101 FNMA_06-104		06/25/2020 .	. INTEREST ONLY PAYMENT		U	u	24,917		0	(853)	0	(853		ν		0		3,580 5,637	10/25/2036 11/25/2036	. 1FE
31396L-QX-1	FNMA_06-109		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	20,871	1,008	0	(1,008)	0	(1,008		0	0	0	0	3, 183	11/25/2036	1FE
31396L-RB-8	FNMA_06-109		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	29,058	1,525	0	(1,525)	0	(1,525		0	0	0	0	3,839	11/25/2036	. 1FE
31396L-T3-4	FNMA_06-115 IE		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	2,363	80	0	(80)		(80		0	0	0	0	361	12/25/2036	. 1FE
31396L-XH-8	FNMA_06-110 CX		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	35,079	1,590	0	(1,590)		(1,590		0	0	0	0	5, 145	11/25/2036	. 1FE
31396N-7L-4 31396N-E5-1	FHLMC_3138 SC	-	06/15/2020 . 06/15/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	6,618 10,616	77	0	(77)		(77		0	0	0		2,435 2,601	04/15/2036 03/15/2036	. Irt
	FHLMC 3136 NS	1	06/15/2020 .	. INTEREST ONLY PAYMENT			ν 0	14,912	618	n	(433)		(433		ν	n	n	n	2,645	03/ 15/2036 04/15/2036	1FE
	FHLMC_3136 PS		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	16,093	1,009	0	(1,009)		(1,009		0	0	0	0	2,367	04/15/2036	1FE
31396N-KH-8	FHLMC_3147	.	06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	33,052	1,791	0	(1,791)	0	(1,791	0	0	0	0	0	4,099	04/15/2036	. 1FE
31396N-LG-9	FHLMC_3147		06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	48 , 153	2,588	0	(2,588)		(2,588		0	0	0	0	6,864	04/15/2036	. 1FE
31396P-2W-0 31396P-3X-7	FNMA_07-21 FNMA_07-21		06/25/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN		0 14,874	0	71		0	(8) 417	0	(8		0	0	0	0	15	03/25/2037 03/25/2037	. 1FE 1FE
31396P-5X-5	FNMA_07-21		06/25/2020 .	INTEREST ONLY PAYMENT		14,8/4	14,8/4	5,287	(47)	0	417	0	417		14,8/4	0	0		3,052	03/25/2037	1FE
31396P-EY-3	FNMA 06-128		06/25/2020 .	INTEREST ONLY PAYMENT		0	0		2.136	0	(2, 136)	0	(2, 136		0	0	0	0	5.119	01/25/2037	1FE
31396P-G6-2	FNMA_07-14		06/01/2020 .	MBS PAYDOWN		22,898	22,898	19,961	22,616	0	282	0	282	0	22,898	0	0	0	Ω	03/25/2037	. 1FE
	FNMA_07-1		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	40,658	1,767	0	(1,767)	0	(1,767		0	0	0	0	4,204	02/25/2037	. 1FE
	FNMA_39633 PS	-	06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	11,704	918	0	(918)		(918		0	0	0	0	2, 185	02/25/2037	. 1FE
	FNMA_07-17FNMA_09-69		06/25/2020 . 06/25/2020 .	. INTEREST ONLY PAYMENT		٠		3, 197			(202)		(202		υ 0				475	03/25/2037	1FE
31396Q-CH-0	FNMA 09-48D I A		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	2,091	161	0	(1,350)	0	(161		0	0	0	0	211	07/25/2039	1FE
	FNMA_09-50		06/01/2020 .	MBS PAYDOWN		109,688	109,688	119,839	110,464	0	(776)	0	(776		109,688	0	0	0	1,632	.02/25/2049	. 1FE
31396Q-YP-8	FNMA_09-70		06/25/2020 .	MBS PAYDOWN		13,328	13,328	11,799	13, 181	0	147	0	147		13,328	0	0	0	0	01/25/2037	. 1FE
31396R-AU-1 31396R-G9-2	FHLMC_3156	-	06/01/2020 .	MBS PAYDOWN		34,340	34,340	30,075	33,976	0	364	0	364	0	34,340	0	0	0	0	05/15/2036	. 1FE 1FF
31396R-G9-2	FHLMC_3149 SI	-	06/15/2020 . 06/15/2020 .	. MBS PAYDOWN		184 0	184	27,056	1.139	0	(1, 139)	0	(1, 139	)	184 N	0	0		4.594	05/15/2036 05/15/2036	1FE
31396R-KM-8	FHLMC 3153		06/01/2020 .	MBS PAYDOWN		3,718	3,718	3,356	3,689	0	29	0	29		3,718	0	0	0	0	05/15/2036	1FE
31396R-KW-6	FHLMC_3153	.	06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	17,863	1,058	0	(1,058)	0	(1,058		0	0	0	0	2,281	05/15/2036	. 1FE
31396T-2M-4	FHLMC_3175		06/01/2020 .	MBS PAYDOWN		50,342	50,342	43,963	49,485	0	858	0	858		50,342	0	0	0	0	06/15/2036	. 1FE
31396T-A8-6 31396T-ZH-9	FHLMC_3170 SA		06/15/2020 . 06/15/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN		6,460	0 6,460	31,630 11,304	1,276 6,709	0	(1,276)		(1,276		0 6.460	0	0	0	4,529 628	09/15/2033 07/15/2036	. 1FE
31396U-X2-1	FHLMC 3184 JS	-	06/15/2020 .	INTEREST ONLY PAYMENT		0,400	0,400	4.818	6	0	(230)		(250		0,400	0	0		2,092	07/15/2036	1FF
31396V-A5-7	FNMA_07-46 SD		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	1,441	121	0	(121)		(121		0	0	0	0	327	05/25/2037	. 1FE
31396V-D7-0	FNMA_07-48		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	64,557	4,261	0	(4,261)	0	(4, 261		0	0	0	0	8,611	05/25/2037	. 1FE
31396V-HU-5	FNMA_07-30	-	06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	59,876	3,517	0	(3,517)	ļ0	(3,517		0	0	0		9,160	04/25/2037	. 1FE
31396V-J6-6 31396V-KZ-0	FNR 2007-45 SM		06/25/2020 . 06/25/2020 .	. INTEREST ONLY PAYMENT		0 n		35,285 15,537	1,639 0	0	(1,639)	0	(1,639	,0	 0	0	0 n	0	5,471 6,274	06/25/2036	1FE
	FNMA 07-28		06/25/2020 .	MBS PAYDOWN		144,581	144,581	138,098	144,527	0	54	0	54	0	144,581	0	0	0	1,282	01/25/2036	1FE
31396V-N4-6	FNMA_07-42		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	23,210	1,407	0	(1,407)	0	(1,407		0	0	0	0	3,567	05/25/2037	1FE
	FNMA_07-W3 2A2		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	284	0	0	0	0	0	0	Ω	0	0	0	107	04/25/2037	. 1FE
	FNMA_07-39		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	37,340	0 14	0	(70)		(70		0	0	0	0		05/25/2037	. 1FE
	FNMA 07-43 KS		06/25/2020 .	INTEREST ONLY PAYMENT		٥		817	48		(14)		(14			0			942	05/25/2037 05/25/2037	1FE
31396W-ED-4	FNMA 07-54		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	32,459	2, 183	0	(2, 183)		(2, 183		0	0	0	0	4,037	06/25/2037	. 1FE
31396W-FP-6	FNMA_07-54		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0		999	0	(999)	0	(999		0	0	0	0	1,466	06/25/2037	. 1FE
31396W-JS-6	FNMA_07-57	-	06/01/2020 .	. MBS PAYDOWN		64,780	64,780	57,978	64, 158	0	622	0	622		64,780	0	0	0	0	06/25/2036	. 1FE
31396W-NC-6 31396W-PH-3	FNMA_07-71 SM		06/25/2020 . 06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	27 ,721	1,769	0	(1,769) (16)		(1,769		0 0	0	0	0	3,793 20	07/25/2037 07/25/2037	.  IFE
31396W-PV-2	FNMA_07-67 SK		06/25/2020 .	. INTEREST ONLY PAYMENT		 0	0	12,411	494	0	(10)		(494		0	0	0	n	2,210	07/25/2037	1FE
31396W-SH-0	FNMA_07-60B BS		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	10,335	386	0	(386)	0	(386		0	0	0	0	1,689	07/25/2037	. 1FE
31396W-ZA-7	FNMA_07-66 SD		06/25/2020 .	MBS PAYDOWN		5,650	5,650	6,604	1,964	0	3,686	0	3,686	0	5,650	0	0	0	716	07/25/2037	. 1FE
31396X-KV-5	FNMA_07-84D SB		06/25/2020 .	MBS PAYDOWN		1,001	1,001	1,514	992	0	9	0	9	0	1,001	0	0	0	130	08/25/2037	.   1FE
31396X-YQ-1 31396Y-BA-9	FNMA_07-91A SA	-	06/25/2020 . 06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	11,229	593	0	(593)	0	(593		0	0	0	0	1,989 2,160	10/25/2037 01/25/2038	.   IFE
	FNMA_08-10		06/25/2020 .	. INTEREST ONLY PAYMENT			n			0	(694)	n	(718		n	n	0	n	2, 160	03/25/2038	1FE
31396Y-L5-9		1	06/25/2020 .	INTEREST ONLY PAYMENT		0	0	60.465	3.879	0	(3,879)		(3.879		0	0	0	0	7,560	04/25/2038	1FE

					Show All Lo	ng-Term Bo	onds and Sto	ck Sold, Red	deemed or 0												
1	2	3	4	5	6	7	8	9	10			ok/Adjusted			16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
31396Y-N9-9	FNMA_08-33		06/25/2020	. INTEREST ONLY PAYMENT		0	0	52,979	2,987	0	(2,987)	0	(2,987)	0	0	0	0	0	6,741	04/25/2038	1FE
	FNMA_08-13		06/25/2020	. INTEREST ONLY PAYMENT		0	0	20,821	1,018	0	(1,018)		(1,018)	00	0	0	0	0	3,056	03/25/2038	1FE
31396Y-WR-9			06/25/2020	. INTEREST ONLY PAYMENT		0	0	10,549	740	0	(740)		(740)	0	0	0	0	0	1,641	03/25/2038	1FE
	FNMA_08-28FHLMC 3203		06/25/2020 06/15/2020	MBS PAYDOWN		93,804 60,147	93,804 60,147	151,025 51,830		0	(2,988)	·0	(2,988)	0	93,804 60,147	0	0	0	7,470	04/25/2038	1FE
	FHLMC 3213A LS		06/15/2020	. INTEREST ONLY PAYMENT				7,473	190	0	(190)		(190)		, 147 0		0		1,372	09/15/2036	1FE
	FHLMC 3219		06/15/2020	MBS PAYDOWN		20,565	20,565		20,731	0	(166)		(166)	0	20,565	0	0	0	2.448	04/15/2032	1FE
	FHLMC_3218 AS		06/15/2020	INTEREST ONLY PAYMENT		0	0	16,666	436	0	(436)		(436)	0	0	0	0	0	2,622	09/15/2036	1FE
	FHLMC_3225		06/01/2020	. MBS PAYDOWN		75,897	75,897	69 , 197	75,218	0	680	0	680	0	75,897	0	0	0	0	10/15/2036	1FE
	FHLMC_3231 SE	-	06/15/2020	. MBS PAYDOWN	.	26,899	26,899	26,798	24,046	0	2,853	0	2,853	0	26,899	0	0	0	2,532	10/15/2036	1FE
	FHLMC_3236 KS	-	06/15/2020 06/15/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT	· [ ]	0	0	11,770 48,470		ļ	0	J0	(1,814)	Jō	0	0		0	5,997 7,029	11/15/2036	1FE
	FHLMC 3239	-	06/15/2020 06/15/2020	INTEREST UNLY PAYMENT	· [ ]			48,470			(1,814)		(1,814)		85,466	0	0		6,492	11/15/2036 11/15/2036	1FE
	FHLMC 3239 GI		06/01/2020	. INTEREST ONLY PAYMENT		00,400	0	2.860	169	0	(3,063)		(3,063)	0	0	0	0	0		11/15/2036	1FE
31397C-VU-0	FHLMC_3239 PS		06/15/2020	MBS PAYDOWN		91,792	91,792		84,236	0	7,557	0	7,557	0	91,792	0	0	0	7,003	11/15/2036	1FE
	FHLMC_3255		06/15/2020	. INTEREST ONLY PAYMENT		0	0	29,909	1,799	0	(1,799)	0	(1,799)	0	0	0	0	0	3,933	12/15/2036	1FE
31397F-6N-7	FHLMC_32-74		06/01/2020	MBS PAYDOWN	.	4,950	4,950	4,277	4,846	0	104	0	104	0	4,950	0	0	0	0	02/15/2037	1FE
	FHLMC_3274 SM		06/15/2020	INTEREST ONLY PAYMENT		0	0	35,221	2,029	0	(2,029)		(2,029)	00	0	0	0	0	5,839	02/15/2037	1FE
	FHLMC_3271 SD		06/15/2020 06/15/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT				623	45 55		(45)		(45)	0	0 0	0		0	99 432	02/15/2037 03/15/2037	1FE
	FHLMC 3287A		06/15/2020	INTEREST ONLY PAYMENT		 N	 0	11.531	577		(577)		(577)		 0	0		0	1.534	03/15/2037	1FE
	FHLMC 3308		06/15/2020	INTEREST ONLY PAYMENT		0	0	18,112	1,269	0	(1,269)		(1,269)	0	0	0	0	0	2.730	02/15/2033	1FE
	FHLMC_3300		06/01/2020	MBS PAYDOWN		34,596	34,596		34, 129	0	466		466	0	34,596	0	0	0	0	02/15/2037	1FE
	FHLMC_3300 M0		06/01/2020	MBS PAYDOWN		16,525	16,525	13,602	16,235	0	290	0	290	0	16,525	0	0	0	0	11/15/2036	1FE
	FHLMC_3300		06/15/2020	INTEREST ONLY PAYMENT	.	0	0	14,700	842	0	(842)		(842)	0	0	0	0	0	1,797	04/15/2037	1FE
	FHLMC_3297		06/15/2020	. INTEREST ONLY PAYMENT	-	0	0	71,406	3,950	0	(3,950)		(3,950)	0	0	0	0	0	10,738	04/15/2037	1FE
	FHLMC_3318		06/15/2020 06/15/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT				5,348 391	464		(464)		(464)	0	u	0		0	837 194	05/15/2037 05/15/2037	1FE
	FHLMC 3331D SP		06/15/2020	INTEREST ONLY PAYMENT		0	0	19,769	800	0	(800)		(800)	0	0	0	0	0	3,381	06/15/2037	1FE
	FHLMC_3325		06/15/2020	INTEREST ONLY PAYMENT		0		8,088	582	0	(582)		(582)	0	0	0	0	0	1,309	06/15/2037	1FE
	FHLMC_3326		06/15/2020	. INTEREST ONLY PAYMENT		0	0	11,712		0	(754)		(754)	00	0	0	0	0	1,907	06/15/2037	1FE
	FHLMC_3326		06/15/2020	. INTEREST ONLY PAYMENT		0	0		3,396	0	(3,396)		(3,396)	0	0	0	0	0	6,916	02/15/2036	1FE
	FHLMC_3350		06/01/2020	MBS PAYDOWN	-	4,341	4,341	4,992	4,364	0	(24)		(24)	0	4,341	0	0	0	109	07/15/2037	1FE
	FHLMC_3349 MY FHLMC_3361	- [ ]	06/01/2020 06/15/2020	. MBS PAYDOWN	· [ ]	20,243	20,243	22,410	20,388		(144)		(144)		20,243	0	0		472 2.392	07/15/2037 08/15/2035	1FE
	FHLMC 3378		06/15/2020	MBS PAYDOWN		40,987	40,987	65,580	42,350	0	(1,362)		(1,362)	0	40.987	0	0	0	3.408	06/15/2037	1FE
31397L-B8-1	FNMA_08-53C KI		06/25/2020	INTEREST ONLY PAYMENT		0	0	2,800	237	0	(237)	0	(237)	0	0	0	0	0	594	07/25/2023	1FE
	FNMA_08-60		06/25/2020	. INTEREST ONLY PAYMENT	.	0	۵	34,389	1,962	0	(1,962)	0	(1,962)	0	0	0	0	0	4,628	07/25/2038	1FE
	FNMA_08-42 MF		06/25/2020	. MBS PAYDOWN	.	1, 136	1, 136	1,067	1,118	0	17	0	17	0	1, 136	0	0	0	8	03/25/2037	1FE
	FNMA_08-42 FNMA_08-62		06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT	· [ ]	0	Ω		2,283	0	(2,283)		(2,283)		0	0		0	5,375 7,733	05/25/2038 07/25/2038	1FE
	FNMA_08-62 FNMA_09-1B SM	-	06/25/2020	INTEREST ONLY PAYMENT	· [ ]	0					(2,910)		(2,910)		 n	0	0			02/25/2038	1FE
	FNMA 08-92		06/25/2020	. INTEREST ONLY PAYMENT		0	0	96,401	4,872	0	(4,872)		(4,872)	0	0	0	0	0	10 , 134	12/25/2038	1FE
31397M-Q7-5	FNMA_08-93		06/25/2020	INTEREST ONLY PAYMENT		0	0	52	5	0	(5)		(5)	0	0	0	0	0	11	07/25/2048	1FE
			06/25/2020	. INTEREST ONLY PAYMENT		0	0	43,212	2,432	0	(2,432)		(2,432)	0	0	0	0	0	6,291	06/25/2039	1FE
	FNMA_09-17B		06/25/2020	. INTEREST ONLY PAYMENT		0	0	6,790	668	0	(668)		(668)	00	0	0	0	0	1,386	03/25/2039	1FE
	FNMA_09-11 SU		06/25/2020	. INTEREST ONLY PAYMENT		0	0	7,959	273	0	(273)	0	(273)	00	0 11,291	0	0	0	1,958	03/25/2049	1FE
	FNMA_09-11 P0		06/01/2020 06/25/2020	. MBS PAYDOWN		11,291	11,291	9,202 .5,278	10,895		396	,	396	,u	11,291 n	0	0 n	o		08/25/2038 04/25/2037	1FE
	FNMA 09-19D TD		04/01/2020	MBS PAYDOWN		11,925	11,925	12,865	11,961	0	(235)		(36)	0	11,925	0	0	0	199	08/25/2036	1FE
	FHLMC_3376 SJ	.	06/15/2020	INTEREST ONLY PAYMENT		0	٥	4,015	274	0	(274)		(274)	0	0	0	0	0	1,482	10/15/2037	1FE
31397P-4L-1	FHLMC_3383		06/15/2020	. INTEREST ONLY PAYMENT		0	0	313	19	0	(19)	0	(19)	0	0	0	0	0	40	11/15/2037	1FE
	FHLMC_3385 SI		06/15/2020	. INTEREST ONLY PAYMENT	.	0	0	15,453	1,286	0	(1,286)		(1,286)	0	0	0	0	0	3,876	11/15/2037	1FE
	FHLMC_3387 SC	-	06/15/2020	. INTEREST ONLY PAYMENT	-	0	ļ0	188	14	F0	(14)		(14)	[ō	ō	0	ō	0	31	11/15/2037	1FE
	FHLMC_3387 SE	- []	06/15/2020 06/15/2020	INTEREST ONLY PAYMENT	· [ ]	0	0	4,214 21,896	244 871	0	(244)		(244)	0	0	0	0	0	607	11/15/2037	1FE
31397P-NN-6		-	06/15/2020	INTEREST ONLY PAYMENT			ν n	21,896	۱/ه		(871)		(871)	u	ν	0	0 n	o	3,095	12/15/2037	1FE
31397P-U7-3			06/15/2020	INTEREST ONLY PAYMENT		0	0	27,846	1,316	0	(1,316)		(1,316)	0	0	0	0	0	4,386	01/15/2038	1FE
0.0071 07 0		1			· •		μ		,010		(1,010)	ļ	(1,010)	ļ	y				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ı

					0	onds and Sto														
1	2	3 4	5	6	7	8	9	10		nange In Boo				16	17	18	19	20	21	22
									11	12	13	_14	_15							
												Total	Total					D		11110
											Current	Change in	Foreign	D 1./				Bond		NAIC
								D. C. W.			Year's	Book/	Exchange	Book/	F			Interest/	01-1-1	Desig-
								Prior Year		Current	Other Than	,	Change in	Adjusted	Foreign	Darlinad		Stock	Stated	nation
OLIOID				N				Book/	Unrealized		Temporary	Carrying	Book	Carrying	Exchange		T. ( ) ( ) ( )	Dividends	Con-	and
CUSIP		Fan Diamanal	Mana	Number of	0		A =4=1	Adjusted	Valuation	(Amor-	Impairmen	t Value	/Adjusted	Value at	Gain	Gain	Total Gain		tractual	Admini-
Ident-	D	For- Disposal	Name	Shares of	Consid-	D	Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)			13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	FNMA_10-149A FNMA_11-10		INTEREST ONLY PAYMENT MBS PAYDOWN		244,025	244,025	103,379	245,022	0	(1,919)		(1,919)		244.025		0		6,622	01/25/2041 02/25/2041	1FE
	FNMA 10-147		MBS PAYDOWN		14,222	14,222	16,012	14,262	0	(39)		(39		14,222	0	0	0	453	01/25/2041	1FE
	FHLMC_3415	06/15/2020	INTEREST ONLY PAYMENT		0	0	31,410	2, 172	0	(2, 172)		(2, 172		0	0	0	0	4,024	.08/15/2035	1FE
31397R-C3-8	FHLMC_3416		INTEREST ONLY PAYMENT		0	0	9,903	313	0	(313)		(313)		0	0	0	0	1,340	02/15/2038	1FE
31397R-DX-1	FHLNC_3420 CS		INTEREST ONLY PAYMENT		0	0	12,613	826	0	(826)		(826)	)  0	0	0	0	0	1,888	02/15/2038	1FE
31397R-MY-9 31397S-LZ-5	FHLMC_3429 FNMA 11-30B		. MBS PAYDOWN		15,308	15,308	17,451	15,241	0	67 (660)		67	0	15,308	0	0	0	569	03/15/2038 04/25/2041	1FE 1FE
313975-LZ-3	FHLMC 3435		INTEREST ONLY PAYMENT	·		0	18.813	1, 193	0	(1, 193)		(1, 193		0	0	0	0	3,568	04/25/2041	1FE
31397T-3Q-3	FHLMC_3442 MT		. MBS PAYDOWN		49,236	49,236	46,888	49,087	0	149	0	149	0	49,236	0	0	0	264	07/15/2034	1FE
31397U-3F-4	FNMA_11-60		MBS PAYDOWN		27,403	27,403	24,233	27,055	0	348		348	0	27,403	0	0	0	0	08/25/2039	1FE
31397U-GY-9			. INTEREST ONLY PAYMENT		0	0	13,316	938	0	(938)		(938)	0	0	0	0	0	2,344	06/25/2041	1FE
31397U-KP-3 31397U-M7-1	FNMA_11-51C				313,659	313,659	304,968	309, 167	0	4,492		4,492	, <del>  </del>	313,659	ļ0	0	ļ	6,366	06/25/2041 07/25/2041	1FE 1FF
	FNMA_11-57B		INTEREST ONLY PAYMENT		 n		30,217	1,428		(1,428)		(1,428		ν Λ	n	0 n	u		07/25/2041 07/25/2041	IFE
	FNMA 11–53		INTEREST ONLY PAYMENT		0	0	200,427	5,424	0	(8,562)		(8,562		0	0	0	0	24,828	06/25/2041	1FE
31397U-RE-1	FNMA_11-63A	06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	7 ,726	4,004	0	(4,004)	00	(4,004	0	0	0	0	0	5,036	01/25/2041	1FE
31397U-SA-8	FNMA_11-63		. INTEREST ONLY PAYMENT		0	Ω	20,328	917	0	(917)		(917		0	0	0	0	2,679	07/25/2041	1FE
31397V-FT-9 31397V-GE-1	FNSTR_421 FNSTR_421		INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	6,504	454 9,659	0	(454) (9,659)		(454)		0	0	0	0		12/25/2038 06/25/2039	1FE 1FF
31397V-GE-1	FHLMC 3504		INTEREST ONLY PAYMENT		٥		1,822	565	0	(9,659)		(9,639		۷				1,039	01/15/2039	1FE
31397Y-SN-2	FHLMC 3501-SC SC		INTEREST ONLY PAYMENT		0	0	4,693	39	0	(39)		(39		0	0	0	0	962	01/15/2039	1FE
31397Y-SP-7	FHLMC_3501		. INTEREST ONLY PAYMENT		0	Ω	40,564	Ω	0	(793)	0	(793	00	0	0	0	0	2,010	01/15/2039	1FE
31397Y-W7-2	FHLMC_3513		INTEREST ONLY PAYMENT		0	0	18,445	1,410	0	(1,410)		(1,410		0	0	0	0	2,686	02/15/2039	1FE
31397Y-Z2-0 31397Y-ZF-1	FHLMC_3510		INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0 0	13,392 14,567		0	(701) (578)		(701)		0 0	0	0	0	1,546	07/15/2037 02/15/2037	1FE
313971-ZP-1	FHLMC 3510 10		MBS PAYDOWN		8,593	8,593	7,474	8,506	0	87		87	0	8,593	0	0	0	2,099	02/15/2037	1FF
31398E-BM-5	FHLMC_3540G KS		INTEREST ONLY PAYMENT		0	0	10,305	13	0	(13)		(13)	0	0	0	0	0	2,583	11/15/2036	1FE
31398E-PY-4	FHLMC_3549		INTEREST ONLY PAYMENT		0	0	10,372	0	0	(122)		(122)		0	0	0	0	431	07/15/2039	1FE
31398E-X7-4	FHLMC_3550		INTEREST ONLY PAYMENT		0	0	30,382	2,038	0	(2,038)		(2,038		0	0	0	0	4,874	07/15/2039	1FE
31398F-6B-2 31398F-7C-9	FNMA_09-101FNW 09-W1		INTEREST ONLY PAYMENT MBS PAYDOWN		31,995	31,995		3,685	0	(3,685)		(3,685)	0	0		0		9,911	12/25/2039 12/25/2049	1FE 1FF
31398F-B6-7	FNMA_09-90E	06/25/2020	. INTEREST ONLY PAYMENT		0	01,333	9,006	51,536	0	(588)		(588)	0	0	0	0	0	1.784	11/25/2039	1FE
	FNMA_09-78		. INTEREST ONLY PAYMENT		0	0	39,111	2,219	0	(2,219)		(2,219		0	0	0	0	4,766	10/25/2039	1FE
31398F-PJ-4	FNMA_09-82		. INTEREST ONLY PAYMENT		0	0	12,697	1,044	0	(1,044)		(1,044)		0	0	0	0	2,015	10/25/2039	1FE
31398F-R5-2 31398F-RT-0	FNMA_09-87C FNMA_09-86		INTEREST ONLY PAYMENT MBS PAYDOWN		0 9.884	0 9.884	10,043	662 9,797	0	(662)	0	(662)	)ō	0 9.884	0	0	0	2,279	11/25/2039 10/25/2037	1FE
31398F-R1-0 31398F-V7-3	FNMA_09-86 FNMA_09-94E FX		MBS PAYDOWN		9,884	9,884	8,625			87	n	138	0 n	9,884	n	U	U	79	10/25/2037	IFE 1FE
31398G-3F-4	FNMA_10-3D		. INTEREST ONLY PAYMENT		0	0	49,702	0,024	0	(1,343)		(1,343)	0	0	0	0	0	4, 163	02/25/2040	1FE
31398G-AF-6	FNMA_09-104		. INTEREST ONLY PAYMENT		0	0	25,410	1,294	0	(1,294)		(1,294)	00	0	0	0	0	3,536	12/25/2039	1FE
31398G-G8-6	FNMA_10-5		. INTEREST ONLY PAYMENT		0	0	25,009	1, 187	0	(1, 187)	0	(1, 187)		0	0	0	0	3,391	02/25/2040	. 1FE
31398G-HZ-5 31398G-WE-5	FNMA_09-103B SA		INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	9,383 52.578	1,334	0	(1,334)		(1, 334)		0	ļ	0	ļ	2,532	09/25/2039 01/25/2040	1FE 1FF
31398G-YX-1	FNMA 10-8		. INTEREST ONLY PAYMENT			0	32,376	2,637	0	(2,637)		(2,637)		0	0	0	0	5,678	02/25/2040	1FF
	FNMA_10-8B		. INTEREST ONLY PAYMENT		0	0	29,005	0	0	(677)		(677		0	0	0	0	2,235	.02/25/2040	1FE
31398J-HH-9	FHLMC_3560		. INTEREST ONLY PAYMENT		0	0	25,672	1,729	0	(1,729)		(1,729		0	0	0	0	3,536	08/15/2039	1FE
31398J-HT-3	FHLMC_3560F IM		INTEREST ONLY PAYMENT		0	ō	1,828	709	0	(709)		(709)		0	0	0	0	985	12/15/2038	1FE
31398J-SS-3 31398J-VX-8	FHLMC_3572_JS		INTEREST ONLY PAYMENT MBS PAYDOWN		3,350	0 3,350		1,635	0	(1,635)		(1,635)		0	0	0		13,069	09/15/2039 10/15/2036	1FE 1FE
31398K-CB-4	FHLMC 3582		INTEREST ONLY PAYMENT				4,947	350	0	(350)		(350)		0	0	0	0	674	10/15/2039	1FE
31398K-CC-2	FHLMC_3582		. INTEREST ONLY PAYMENT		0	0	61,647	0	0	(1,265)		(1,265		0	0	0	0	3,091	10/15/2039	1FE
31398K-N5-5	FHLMC_3602A		. MBS PAYDOWN		68,973	68,973	89,277	69,398	0	(425)		(425	0	68,973	0	0	0	5,529	11/15/2024	1FE
31398K-QQ-6	FHLNC_3604		MBS PAYDOWN		4,746	4,746	4,235	4,706	0	40		40	,ō	4,746	0	0	0	0	05/15/2036	1FE
31398K-QW-3 31398K-VS-6	FHLMC_3604B S1		INTEREST ONLY PAYMENT MBS PAYDOWN	·····	0		16,204	425	0	(425)		(425)		0	ļ	0	ļ	2,631	05/15/2036 07/15/2039	. IFE
	FHLMC 3607		MBS PAYDOWN		30,999	30,999	26,527	30,625	0	374		374		30.999	0	0	0	n	04/15/2039	1FE
31398L-R3-4			MBS PAYDOWN		4,952	4,952	4,320	4,903	0	49		49		4,952	0	0	0		10/15/2039	1FE
31308I _YD_5		05/01/2020	INTEREST ONLY PAYMENT		0	1 , . , .	4 066	1	1 0	1 0	0	1 0	0	1 , . , . , . , . , . , . , . , . ,	0	0	1	955	06/15/2037	1FF

					Show All Lo	ng-Term Bo	nds and Sto	ck Sold, Red	deemed or C												
1	2	3	4	5	6	7	8	9	10	Ch		ok/Adjusted	Carrying Va	lue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	,	Change in	Adjusted	Foreign	D. II. I		Stock	Stated	nation
OLIOID.									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange		<b>-</b>	Dividends	Con-	and
CUSIP			D:	NI.	Number of	0		A . 1 1	Adjusted	Valuation	(Amor-	Impairment		/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-	<b>.</b>	For-	Disposal	Name	Shares of	Consid-	5 1/1	Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
31398L-ZP-6 31398M-F8-4	FHLMC_3621		06/01/2020 06/25/2020	MBS PAYDOWN		3,851 1,821	3,851 1,821	3,400	3,819	0	32	0	32	0	3,851 1,821	0	0	0		01/15/2040 04/25/2040	1FE
	FNMA 10-15		06/25/2020	INTEREST ONLY PAYMENT		0	0		4,259	0	(4,259)		(4, 259)	0	0	0	0	0	10.839	03/25/2040	1FE
	FNMA_10-102		06/25/2020	INTEREST ONLY PAYMENT		0	0	36,826	1,752	0	(1,752)		(1,752)	0	0	0	0	0	3,806	.09/25/2040	1FE
	FNMA_10-95F		06/25/2020	INTEREST ONLY PAYMENT		0	0	23,889	1,066	0	(1,066)		(1,066)	0	0	0	0	0	3,290	09/25/2040	1FE
	FNMA_10-97E SC		06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	71,201	1,068	0	(1,068)		(1,068)	0	0	0	0	0	4,724	09/25/2040	1FE
0100011 EE 0	FNMA_10-110		06/25/2020 06/25/2020	INTEREST ONLY PAYMENT		0	 0	209,427	8,379	0	(8,379) (856)		(8,379)	0	o		0		24,743 1.853	10/25/2040 10/25/2040	1FE
	FNMA 10-109	. [	06/25/2020	INTEREST ONLY PAYMENT		0	0	50,906	3,403	0	(3,403)		(3, 403)	0	0	0	0	0	6,083	10/25/2040	1FE
31398N-V9-2	FNMA_10-123		06/25/2020	INTEREST ONLY PAYMENT		0	0	61,498	3,096	0	(3,096)	0	(3,096)	0	0	0	0	0	8,554	11/25/2040	1FE
	FNMA_10-38		06/25/2020	INTEREST ONLY PAYMENT		0	0	2,993	257	0	(257)		(257)	0	0	0	0	0	572	04/25/2025	1FE
	FNMA_10-40A	- [	06/25/2020 06/01/2020	INTEREST ONLY PAYMENT MBS PAYDOWN	-	0 10.645	0	15, 167	721 10,547	0	(721)		(721)	0		ļ	0	0	2,050	04/25/2040 10/25/2035	1FE
	FNMA_10-39	-	06/01/2020	MBS PAYDOWN	-	770	770	9,354 823	775	n	98		98	n	770	n	n	 n		10/25/2035 05/25/2040	1FE
	FHLMC 3738		06/15/2020	INTEREST ONLY PAYMENT		0	0	52,870	6,642	0	(6,642)		(6,642)	0	0	0	0	0	11,565	08/15/2040	1FE
31398R-BC-8	FNMA_10-43		06/25/2020	INTEREST ONLY PAYMENT		0	0	5,486	1,392	0	(1,392)	00	(1,392)	0	0	0	0	0	1,816	09/25/2039	1FE
	FNMA_10-65		06/25/2020	MBS PAYDOWN		227,640	227,640	292,518	226,470	0	1, 170		1, 170	0	227,640	0	0	0	9,360	05/25/2040	1FE
	FNMA_10-135D FNMA_10-134		06/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	۵	15,341	1,695 4.011	0	(1,695)		(1,695)	0	۷	0	0	0	3,080 10.148	04/25/2040	1FE
	FNMA 10-140		06/25/2020	INTEREST ONLY PAYMENT		0	0	25,011	4,485	0	(4,485)		(4,485)	0	0	0	0	0	6.942	12/25/2040	1FE
	FNMA_10-139E		06/01/2020	INTEREST ONLY PAYMENT		0		7,114	396	0	(396)		(396)	0	0	0	0	0	830	12/25/2040	1FE
010000 701 0	FNMA_10-141		06/25/2020	INTEREST ONLY PAYMENT		0	0	51,988	2,996	0	(2,996)	0	(2,996)	0	0	0	0	0	7,697	12/25/2040	1FE
	FNMA_10-108 BC		06/01/2020	MBS PAYDOWN		102,298	102,298		102, 132	0	166	0	166	0	102,298	0	0	0	1,600	09/25/2040	1FE
31398T-GX-3 31398V-LL-8	FNMA_10-68 SC		06/25/2020 06/15/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	۷	17,323	348	0	(348)		(348)	0	۷	0	0	0	2,828 473	07/25/2040 02/15/2040	1FE
	FHLMC 3662C ZB		06/01/2020	MBS PAYDOWN		32,591	32,591		32,594	0	(3)		(3)	0	32,591	0	0	0	749	08/15/2036	1FE
31398W-4K-7	FHLMC_3626E AS		05/01/2020	INTEREST ONLY PAYMENT		0	0	6 , 192	Ω	0	0	0	0	0	0	0	0	0	1,740	06/15/2037	1FE
31398W-RF-3			06/15/2020	MBS PAYDOWN		7,082	7,082	9,371	7,222	0	(140)		(140)	0	7,082	0	0	0	394	02/15/2040	1FE
	FN 5 /1 12M LIBOR ARM		06/01/2020 06/01/2020	MBS PAYDOWN		9,357 555,779	9,357 555,779	9,473 579,280	9,359 559,127	0	(3)		(3)	0	9,357 555,779		0	0	142	02/01/2035 01/01/2046	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		1,422,966	1,422,966	1,486,666	1,435,260	0	(3,349)		(3, 349)	0	1,422,966	0	0	0	27,808	06/01/2048	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		3,818,768	3,818,768	4,094,734	3,861,565	0	(42,797)		(42,797)	0	3,818,768	0	0	0		07/01/2048	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		762,486	762,486	752,717	761,475	0	1,011	0	1,011	0	762,486	0	0	0	11,287	11/01/2047	1FE
31410K-NG-5 31412T-M2-6	FNMA 30YR		06/01/2020	MBS PAYDOWN		3,533 3,714	3,533 3,714	3,556	3,534	0	0	0	0	0	3,533	0	0	0	34	07/01/2038	1FE
314121-M2-6	FNMA 30YR		06/01/2020	MBS PAYDOWN		3,714	3,714	3,840	3,724	0	(10)		(10)	0	3,714		0	0	83 Q	06/01/2038	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		15	15	15	15	0	0	0	0	0	15	0	0	0		07/01/2038	1FE
014100 70 4	FNMA 30YR	. [	06/01/2020	MBS PAYDOWN	.	47,837	47,837	53,607	48,407	0	(570)		(570)	0	47,837	0	0	0	1, 168	03/01/2039	1FE
0 0	FNMA 30YR		06/01/2020	MBS PAYDOWN		192,460	192,460 883,240	198,534	193,006	0	(546)		(546)	0	192,460	0	0	0	2,792	03/01/2043	1FE
	FNMA 30YR UMBS		06/01/2020 06/01/2020	MBS PAYDOWN		883,240	883,240		885,057	u	(1,816)		(1,816)	0 n		0 n	 n	 n	10,999	09/01/2049 10/01/2049	1FE
	FNMA 30YR UMBS	.	06/01/2020	MBS PAYDOWN		1,483,866	1,483,866	1,510,993	005,400	0	(2,080)		(2,080)	0	1,483,866	0	0	0	15,634	02/01/2050	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		19,458	19,458	21,261	19,577	0	(119)		(119)	0	19,458	0	0	0	397	10/01/2039	1FE
017100 71 0	FNMA 30YR		06/01/2020	MBS PAYDOWN		15,698	15,698	16,726	15,723	0	(24)		(24)	0	15,698	0	0	0	199	07/01/2040	1FE
	FNMA 30YR		06/01/2020 06/01/2020	MBS PAYDOWN		7,225 119,161	7,225 119,161	7,829 124,262	7,265 119,484		(41)		(41)	0	7,225 119,161				166 2, 199	05/01/2040 07/01/2040	1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN		39,002				0	(199)		(199)	0		0	0	0			1FE
31418X-EK-0	FNMA 30YR		06/01/2020	MBS PAYDOWN		168,395	168,395	175, 499	169,083	0	(689)	0	(689)	0	168,395	0	0	0	3,273		1FE
	FNMA 30YR		06/01/2020	MBS PAYDOWN	.	99,694	99,694	103,900	99,904	0	(210)		(210)	0	99,694	0	ō	0	1,759	08/01/2040	1FE
	FNMA 30YR	-	06/01/2020	MBS PAYDOWN	-	72,831	72,831 4,532	77,531 4.822	72,938 4,539	0	(107)		(107)	0	72,831 4.532	ļ	0	0	1,517 94	08/01/2040	1FE
	GNMA 06-29 SH	-	06/01/2020	INTEREST ONLY PAYMENT	-	4,532 n	4, 532 N	4,822	4,539	 n	(7)		10	n	4,532 n	n	 N	 n	94	09/01/2040 06/20/2036	1FE
	GNMA_09-68 PS		06/16/2020	INTEREST ONLY PAYMENT		0	0	16,240	1,232	0	(1,232)		(1,232)	0	0	0	0	0	3,805	11/16/2038	1FE
	GNMA_03-41 S		06/17/2020	INTEREST ONLY PAYMENT	.	0	0	2, 160	349	0	(349)		(349)	0	0	0	0	0	574	02/17/2033	1FE
	GNMA_03-52 S		06/16/2020	INTEREST ONLY PAYMENT	-	0	0	2, 107	21	0	(21)		(21)	0	0	······ō	0	0	491	06/16/2033	1FE
38373S-3R-6 38373S-3Y-1	GNMA_03-26 SX		06/16/2020	MBS PAYDOWN		15,873 0	15,873	16,359	15,318	0	555		555	0	15,873 0	0	0 n	0	668 3.755	04/16/2033	1FE
38373S-B2-2			06/16/2020	INTEREST ONLY PAYMENT		0	0	13,613	854	0	(341)		(854)	0	0	0	0	0	3,753	12/16/2029	1FE
000100-02-2	VIEW1_00 40 U	- [	10/ 2020	INTERIEUT ONET FATMENT	·	U	9		004	U	(034)	, <sub></sub> , <sub>U</sub>	(004)	ļU	ν	U	U	0		6202 101 6063	

				Show All Lo	ng-Term B	Sonds and Sto	ock Sold, Re	deemed or (	Otherwise I	Disposed (	of During t	he Current	t Quarter							
1	2	3 4	5	6	7	8	9	10	Cl	nange In Bo	ok/Adjusted	Carrying Va	alue	16	17	18	19	20	21	22
									11	12	13	14	15							
												Total	Total							
											Current	Change in	Foreign					Bond		NAIC
											Year's	Book/	Exchange	Book/				Interest/		Desig-
								Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
								Book/	Unrealized		Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP				Number of				Adjusted	Valuation	(Amor-	Impairment	t Value	/Adjusted	Value at	Gain	Gain	Total Gain		tractual	Admini-
Ident-		For- Dispos	sal Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on		(Loss) on	During	Maturity	strative
ification	Description	eign Date		Stock	eration	Par Value	Cost	Value	(Decrease)			13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
38373S-QN-0					0	0	14, 425	1,970	0	(1,970)		(1,970)		0	0	0	0	4,446	02/16/2033	1FE
38373V-MX-5					0	0	6,564	856	0	(856)		(856)		0	0	0	0	1,708	09/16/2032	1FE
38373V-NT-3					0	0	7,492	96	0	(96)		(96)		0	0	0	0	1, 191	09/16/2032	1FE
38373V-PS-3					0	0	4,908	358	0	(358)		(358)		0	0	0	0	874	09/16/2032	1FE
38373X-Z9-0 38373Y-2P-8	GNMA_02-51 SC	06/16/20			0	ν				(7)		(7)				0		30	07/16/2032 01/16/2033	1FE
38373Y-KV-5	GNMA 02-92 ES				0	0	5, 435	422	0	(422)		(422)		0	0	0	0	880	02/20/2029	1FE
	GNMA_02-92 SE				0	0	1,927	152	0	(152)		(152)		0	0	0	0	309	02/20/2029	1FE
383742-J6-1	GNMA_08-32 SW		20 INTEREST ONLY PAYMENT		0	۵	4,241	36	0	(36)		(36)		0	0	0	0	1,044	04/16/2038	1FE
	GNMA_03-80 SA				0	Ω	2,852	171	0	(171)	0	(171)	٥ا (	0	0	0	0	435	09/16/2033	1FE
	GNMA_03-67 GNMA_03-69 SG	06/01/20			75, 155		54,284	74, 158 1,609	ļ0	998	J	998			ļ	0	0	3.546	08/20/2033 12/16/2029	1FE
	GNMA_03-69 SG			-	39,142		46,439		n				,	39, 142	,		0 n	1,589	12/ 16/2029 05/17/2033	1FE
38374C-H6-1	GNMA_03-86 SH				0	0	22,511	1,676	0	(1,676)		(1,676)	0	0	0	0	0	4,404	10/16/2033	1FE
38374D-BJ-7	GNMA_06-34				1, 153	1, 153	980	1, 140	0	12	0	12	0	1, 153	0	0	0	0	07/20/2036	1FE
38374D-BK-4	GNMA_06-34 PS				0	0	8,780	492	0	(492)		(492)		0	0	0	0	1,460	07/20/2036	1FE
38374E-P3-5 38374F-5Y-6	GNMA_03-110 S				0	0	14,542	786	0	(786)		(786)		0	0	0	0	2, 153	10/20/2033	1FE
	GNMA_04-26 GS						13, 133	10	0	(10)		(10)		ν 0	0	0	0	3,955	07/17/2033 11/26/2023	1FE
	GNMA 04-18				5,774	5,774	19,689	6,584	0	(810)		(810)		5,774	0	0	0	1,694	03/16/2034	1FE
38374F-TV-6					15,608		17,378	15,631	0	(24)		(24)		15,608	0	0	0	658	03/20/2034	1FE
	GNMA_04-46 SD	06/16/20			0	0	1,892	114	0	(114)	00	(114)	0	0	0	0	0	273	06/16/2034	1FE
	GNMA_04-34 SN				29,985		24,738	28,218	0	1,767	0	1,767	0	29,985	0	0	0	1,502	02/20/2034	1FE
38374G-SJ-2 38374G-UN-0	GNMA_04-37 GNMA_04-39 UD				78,321 0		3,978	237	0	854	0	(237)	١٥	78,321 0	0	0	0	0	04/20/2034 05/16/2034	1FE
38374G-XG-2	GNMA 04-39 QD				7,786		7.630	7,234	0	552	0	552	0	7.786	0	0	0	527	05/16/2034	1FE
38374G-XQ-0	GNMA_04-32 S				0	0	2,987	238	0	(238)		(238)	0	0	0	0	0	450	11/16/2031	1FE
	GNMA_04-32 SU				9,846		9,009	9,296	0	550		550	0	9,846	0	0	0	496	04/20/2034	1FE
	GNMA_04-63 SB				24,853 14,024		23,827	23,637 14,174		1,216 (150)		1,216	0	24,853 14,024	0	0	0	1,534	10/20/2034	1FE
	GNMA_04-89				14,895		14, 171	14, 174	0	141	0	141	0	14,024	0	0	0	0	02/17/2033	1FF
	GNMA_04-109 WK				2,929		2,893	2,778	0	151	0	151	0	2,929	0	0	0	133	12/20/2034	1FE
	GNMA_05-8 SB				0	0	10,698	380	0	(380)		(380)		0	0	0	0	2, 166	. 01/20/2035	1FE
38374K-WW-9	GNMA_05-16A				0	0	12, 133	543	0	(543)		(543)	0	0	0	0	0	1,734	02/20/2035	1FE
38374L-4E-8 38374M-6J-3	GNMA_05-68 SH				41,960 54,809			41,787 54.048	0	173	0	173	0	41,960 54,809	0	0	0	2,203	06/17/2035 05/20/2036	1FE
	GNMA 06-35 SA				0			46	0	(46)	0	(46)	)	0	0	0	0	0,331	03/20/2036	1FE
38374N-SL-2	GNMA_06-50 JC		20 MBS PAYDOWN				94,049	87,210	0	(628)		(628)	0		0	0	0	1,814	06/20/2036	1FE
	GNMA_09-47A KI				0	Ω	3,657	247	0	(247)		(247)		0	0	0	0	397	06/16/2039	1FE
38374T-KL-7 38374U-JQ-5	GNMA_09-15 SM				ļ	0	9,262	552 2.172	0	(552) (2,172)		(552)		ō	0	0	0	1,644	03/20/2039	1FE
	GNMA_09=33B SN				0		8,739	9,572	0	(2, 1/2)		(2, 1/2)		h	0	0	0 n	3,7/2	05/20/2039 05/20/2039	1FE
38374U-LG-4	GNMA 09-33B NI				0	0	754	433	0	(9,572)		(433)		0	0	0	0	586	05/20/2039	1FE
	GNMA_09-56				0	0	32,887	1,625	0	(1,625)		(1,625)		0	0	0	0	5,388	07/20/2039	1FE
38374V-P9-4	GNMA_09-50E NS				0	0	25,859	3,210	0	(3,210)		(3,210)		0	0	0	0	6,857	09/20/2038	1FE
38374V-UT-4	GNMA_09-57C HI	06/01/20			0	0	5,704	768	0	(768)		(768)		0	0	0	0	1, 125	06/16/2039	1FE
	GNMA_09-53A SC	06/16/20		-	n	ν	1,216	707	n	(707)		(707)		n	0	0		963	10/16/2038	1FE
	GNMA_09-54D US				0	0	7,484	205	0	(205)		(205)		0	0	0	0	1,703	04/16/2039	1FE
38374X-EE-1	GNMA_09-16		20 INTEREST ONLY PAYMENT		0	0	37,016	1,998	0	(1,998)	00	(1,998)	0	0	0	0	0	5,235	01/20/2037	1FE
38375B-5Z-1	GNMA_13-H19				0	Ω	12,972	2,678	0	(2,678)		(2,678)	0	0	0	0	0	1,810	08/20/2063	1FE
38375B-ES-7 38375B-GQ-9	GNMA_10-H18-IF GNMA_10-H24				0	ρ		1,331	ļ	(1,331)		(1,331)		0	0	0	0	2,769	09/20/2060 10/20/2060	1FE
38375B-GQ-9 38375B-JL-7	GNMA_10-H24 GNMA_10-H27				n	n		4,840	0 n	(4,840)		(4,840)		n	n	0 n	n		10/20/2060 12/20/2060	IFE
38375B-LV-2	GNMA 11-H13				0	0	71,993	3,478	0	(3,478)		(3, 478)		0	0	0	0	6,088	04/20/2061	1FE
38375B-RK-0	GNMA_12-H09		20 INTEREST ONLY PAYMENT		0	Ω	30,926	2,478	0	(2,478)	0	(2,478)	0	0	0	0	0	4,098	03/20/2062	1FE
	GNMA_13-H10-XI				0	0		55,616	0	(55,616)		(55,616)	00	0	0	0	0		04/20/2063	1FE
38375B-YR-7	GNMA 12-H26	06/01/20	20 INTEREST ONLY PAYMENT		. 0	1 0	11.716	432		(432)		(432)	11 0			1 0		1.531	07/20/2062	1FE

					Show All Lo	ng-Term B	onds and Sto	ock Sold, Red	deemed or (	Otherwise I	Disposed o	of During t	he Current	t Quarter							
1	2	3	4	5	6	7	8	9	10			ok/Adjusted			16	17	18	19	20	21	22
										11	12	13	14	15						Į.	
													Total	Total						Į.	
												Current	Change in	Foreign					Bond	Į.	NAIC
									5			Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
OLIOID.									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange			Dividends	Con-	and
CUSIP			D:	N1	Number of	0		A	Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-	B define	For-	Disposal	Name	Shares of	Consid-	D. Wal	Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign		of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	GNMA_07-1 S		06/20/2020 . 06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	33,456	894	0	(894)	0	(894)	)  0	Q	0	0	0	5,981	01/20/2037 03/16/2037	. 1FE 1FE
38375J-MY-8			06/01/2020 .	. MBS PAYDOWN		5,012	5,012	4,289	331	0	(331)	0	(331)	,	5,012	0	0	0	4,046	03/10/2037	1FE
38375J-RP-2	GNMA 07-8		06/20/2020	INTEREST ONLY PAYMENT		0	0	25,354	1,255	0	(1,255)	0	(1,255)	0	0	0	0	0	2,720	03/20/2037	1FE
38375J-TE-5	GNMA_07-17		06/01/2020 .	. MBS PAYDOWN		5,817	5,817	4,889	5,739	0	78	0	78	0	5,817	0	0	0	0	04/16/2037	. 1FE
38375J-UP-8	GNMA_07-19		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	17, 252	388	0	(388)	0	(388)		0	0	0	0	3,806	04/20/2037	. 1FE
38375K-2J-0 38375K-AQ-5	GNMA_07-43 SI		06/20/2020 . 06/20/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	1,550	110	0	(110) (1,778)		(110)		0	0	0	0	236 4,918	07/20/2037 05/20/2037	. 1FE
38375K-G3-0	GNMA 07-47 SD		06/16/2020 .	. MBS PAYDOWN			86,471	86,120		0		0		,	86,471		0	0		08/16/2036	1FE
38375K-JJ-2	GNMA 07-36		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	27,166	2, 153	0	(2, 153)	0	(2, 153)	)	0	0	0	0	4,980	06/16/2037	1FE
38375L-EF-3	GNMA_07-53		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	15,374	1, 137	0	(1,137)	0	(1, 137		0	0	0	0	2,365	09/20/2037	. 1FE
	GNMA_07-60	.	06/01/2020 .	. MBS PAYDOWN		4,899	4,899	4,313	4,842	0	57	0	57	0	4,899	0	0	0	0	10/20/2037	. 1FE
	GNMA_07-66 SG	-	06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	21,657	958	0	(958)		(958)		0	0	ļō	ō	4,213	11/20/2037	. 1FE
38375P-KL-4 38375P-Q9-5	GNMA_08-9A SC		06/20/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN		6,392	6.392	3,825		0	(102)	0	( 102)	0	0 6,392	0	0 n		972 422	02/20/2038	. 1FE
38375P-R6-0			06/20/2020 .	INTEREST ONLY PAYMENT		0,332	0,392	4,242	257	0	(257)	0	(257)	) 0	0,392	0	0	0	925	09/20/2037	1FE
38375P-XS-5	GNMA_08-11B SB		06/20/2020 .	. INTEREST ONLY PAYMENT		0		7,538	247	0	(247)	0	(247			0	0	0	1,748	02/20/2038	. 1FE
	GNMA_08-10 SP		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	4,820	62	0	(62)		(62)		0	0	0	0	1,373	01/20/2038	. 1FE
	GNMA_08-53 TS		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	14,758	735	0	(735)		(735)		0	0	0	0	2,997	05/20/2038	. 1FE
38375Q-GJ-2 38375Q-JY-6	GNMA_08-38		06/20/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN				15,958	915	0	(915)		(915)			0	0	0	2,322	05/20/2038 05/20/2038	. 1FE
	GNMA 08-44		06/20/2020 .	. INTEREST ONLY PAYMENT		07,954	07,954	20,251	1,080	0	(1,080)	0	(1,080			0	0	0	2,771	05/20/2038	1FF
38375U-AQ-3			06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	350,380	47,586	0	(47,586)	0	(47,586		0	0	0	0		08/20/2063	. 1FE
38375U-JW-1	GNMA_14-H12		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	21,399	2,627	0	(2,627)	0	(2,627)		0	0	0	0	3,964	06/20/2064	. 1FE
38375U-SH-4	GNMA_14-H22		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	135,450	5, 191	0	(5, 191)	0	(5, 191)		0	0	0	0	7,993	11/20/2064	. 1FE
38375U-WZ-9 38375X-JM-7	GNMA_16-H11		06/01/2020 . 06/20/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT				515	58	0	(58)	0	(58)	)0	۷	0	0	0	70 659	01/20/2066 07/20/2038	. 1FE
38375X-L9-3	GNMA 08-66		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0		1.064	0	(1,064)	0	(1,064)	0	0	0	0	0	2.278	08/20/2038	1FE
38375Y-T2-8	GNMA_08-89		06/20/2020 .	INTEREST ONLY PAYMENT		0			380	0	(380)	0	(380)			0	0	0	954	11/20/2038	. 1FE
38375Y-Z5-4	GNMA_08-97		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	7,608		0	(338)	0	(338)		0	0	0	0	920	12/20/2038	. 1FE
38376C-F7-9	GNMA_09-76 SJ		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	25,018	2,027	0	(2,027)	0	(2,027)		0	0	0	0	4,329		. 1FE
38376C-Q6-9 38376C-XX-2	GNMA_09-92B GNMA_09-79		06/16/2020 . 06/01/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN			20,105	39,732	3,353	0	(3,353)	0	(3,353)		0 20,105		0	0	9,001 0	04/16/2039 11/16/2037	1FF
38376C-Z8-5	GNMA 09-89B SL		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	19,136	704	0	(704)	0	(704)		0	0	0	0	3. 192	07/20/2039	1FE
38376C-Z9-3	GNMA_09-89		06/01/2020 .	. MBS PAYDOWN		43,652	43,652	46,994	44,078	0	(427)	0	(427)	0	43,652	0	0	0	905	07/16/2039	. 1FE
38376C-ZR-3	GNMA_09-76 XS		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	13,858	446	0	(446)	0	(446)	0	0	0	0	0	2,209	09/16/2039	. 1FE
38376E-TF-2	GNMA_09-108D	-	06/01/2020 .	. INTEREST ONLY PAYMENT		0	ļ	1,148	3,401	0	(3,401)	0	(3,401)	0	0	ļ0	ļ	ļ0	4,279	09/20/2038	. 1FE
38376E-TW-5 38376E-UK-9	GNMA_09-110	-	06/16/2020 . 06/16/2020 .	. INTEREST ONLY PAYMENT	·		ν	20,002	4,365	n	(1,481)	n	(1,481	,	ν	n	n			04/16/2039 11/16/2039	1FF
	GNMA_09-81B		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	10 , 197	592	0	(4,303)		(4, 303		0	0	0	0	1,943	09/20/2039	. 1FE
	GNMA_09-61		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	14,823	2,084	0	(2,084)	0	(2,084		0	0	0	0	4,221	11/20/2038	. 1FE
38376F-DJ-8	GNMA_09-61 YC		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	2,366	269	0	(269)	0	(269)		0	0	0	0	337	02/16/2039	. 1FE
38376F-DK-5 38376F-FL-1	GNMA_09-61 YD		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	2,366	268	0	(268)	0	(268)		0	0	0	0	337	02/16/2039 08/20/2039	. 1FE
			06/20/2020 .	. INTEREST ONLY PAYMENT		0		12,193	2,430	0	(2,430)	0	(2,430		0	0	0	0	2,739	03/20/2039	1FE
38376F-MF-6	GNMA 09-66 MS		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	14,324	1,793	0	(1,793)	0	(1,793		0	0	0	0	3,631	06/16/2039	. 1FE
38376F-SV-5	GNMA_09-66 QS		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	6 , 188	224	0	(224)	0	(224		0	0	0	0	1,469	07/20/2039	. 1FE
38376J-EF-7	GNMA_09-106	.	06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	42,135	2,550	0	(2,550)	0	(2,550)		0	0	0	0	6,530	11/20/2039	. 1FE
38376J-T8-7 38376J-V3-5	GNMA_09-100 SC		06/16/2020 . 06/16/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	6,888	1,550 1,719	0	(1,550) (1,719)	0	(1,550)		0	0	0	0	3,401	05/16/2039 11/16/2039	. 1FE
38376K-VC-2	GNMA 09-87	-	06/20/2020 .	. INTEREST ONLY PAYMENT			0	18 , 184	1,253	0	(1,719)	0	(1,719		n	0	0	n	3,028	09/20/2039	1FE
38376L-CB-3	GNMA_10-91 IM		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	4,080	1,847	0	(1,847)	0	(1,847		0	0	0	0	2,339	06/20/2039	. 1FE
38376L-EQ-8	GNMA_10-90C		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	47 , 357	2,799	0	(2,799)	0	(2,799		0	0	0	0	6,394	07/20/2040	. 1FE
38376L-HD-4	GNMA_11-90		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	36,662	2,167	0	(2, 167)	0	(2, 167)		0	0	ō	0	5,030	06/20/2041	.   1FE
38376R-GH-3 38376R-GZ-3	GNMA_15-H21	·	06/01/2020 .	. INTEREST ONLY PAYMENT		0	ļ		9,898	0	(9,898)	0	(9,898)		0	0	0	0	12,488	06/20/2063 09/20/2065	. 1FE
	GNMA 15-H24		06/01/2020 .	. INTEREST ONLY PAYMENT		0	n	3,092	328	0	(250)	0	(328)		n	n	n	n		09/20/2065	1FE
	GNMA 15-H30		06/01/2020	INTEREST ONLY PAYMENT		0	0	634	0	0	0	0	0	0	0	0	0	0	497	03/20/2062	1FE

					Show All Lo	ng-Term B	onds and Sto	ock Sold, Red	deemed or 0	Otherwise I	Disposed o	of During tl	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10			ok/Adjusted	Carrying Va	lue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign	Daale/				Bond		NAIC
									D. C. W.			Year's	Book/	Exchange	Book/				Interest/	01-1-1	Desig-
									Prior Year	l	Current	Other Than		Change in	Adjusted	Foreign	Daaliaad		Stock	Stated	nation
OLIOID					N				Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange		T. ( . ) O	Dividends	Con-	and
CUSIP			Diamanal	Na	Number of	0		A -41	Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain		tractual	Admini-
Ident-	Description	For-	Disposal	Name	Shares of	Consid-	DanMalus	Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign		of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
38376R-NT-9 38376R-PD-2	GNMA_16-H03		06/01/2020 .	. INTEREST ONLY PAYMENT					97	0	(97)	0	(97)	0	۵	0	0	0	133	12/20/2065 10/20/2065	1FE
38376R-QY-5			06/01/2020 .	. INTEREST ONLY PAYMENT		00	0	485	39	0	(39)	0	(39)	0	0	0	0	0		07/20/2065	1FE
38376R-SL-1	GNMA_16-H06		06/01/2020	INTEREST ONLY PAYMENT		0	0	2,027	237	0	(237)	0	(237)	0		0	0	0	277	.02/20/2066	1FE
38376R-VS-2	GNMA_16-H13	.	05/01/2020 .	. INTEREST ONLY PAYMENT		0	0	5, 435	243	0	(243)	0	(243)	0	0	0	0	0	359	06/20/2066	1FE
38376T-6Q-0	GNMA_16-180		06/01/2020 .	. MBS PAYDOWN		92,067	92,067		87,840	0	4,226	0	4,226	0	92,067	0	0	0	0	10/20/2046	1FE
38376T-AB-8 38376T-ZN-5	GNMA_10-12 SA GNMA_10-11		06/20/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT				27,821 51,121	1,331 2,205	0	(1,331)	0	(1,331)	0	o	0	0	0	4,612 8,441	01/20/2040 01/16/2040	1FE
38376U-JJ-9	GNMA_10-11		06/20/2020 .	. INTEREST ONLY PAYMENT		 n	n	199,315	13,695	n	(2,205)	n	(2,203)	n	0	n	n	n	25,750	04/20/2040	1FE
38376V-RR-0	GNMA_10-26F WS		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	78,131	920	0	(920)	0	(920)	0	0	0	0	0	11,919	02/20/2040	1FE
38376W-BQ-7	GNMA_10-14		06/20/2020 .	. MBS PAYDOWN		2,902	2,902	2,560	2,871	0	31	0	31	0	2,902	0	0	0	0	11/20/2035	1FE
38376W-BS-3	GNMA_10-14		06/01/2020 .	. MBS PAYDOWN	<b></b> .	14,942	14,942	13, 103	14,809	0	134	0	134	0	14,942	0	0	0	0	08/20/2035	1FE
38376W-DC-6 38376W-GV-1	GNMA_10-14		06/16/2020 .	. INTEREST ONLY PAYMENT	·	0	0	44,299	2,130	ļ	(2, 130)	ō	(2, 130)		0 0	0	ļ	0	6,757	02/16/2040 02/16/2040	1FE
38376W-M8-5	GNMA_10-14 HS		06/16/2020 .	. INTEREST ONLY PAYMENT		٥	υ	115,355	600 8,050	0	(8,050)	0	(8,050)		0	0	0	0		03/20/2040	1FE
38376X-M7-5	GNMA 10-31		06/20/2020	INTEREST ONLY PAYMENT		0	0	18 , 192	11,227	0	(11,227)	0	(11,227)	0	0	0	0	0	13,488	08/20/2038	1FE
38376Y-T8-4	GNMA_10-47L SH		06/20/2020 .	. INTEREST ONLY PAYMENT		0	Ω	9,870	198	0	(198)	0	(198)	0	0	0	0	0	1,682	07/20/2038	1FE
38377D-KH-8	GNMA_10-101		06/01/2020 .	. MBS PAYDOWN		52,470	52,470		51,513	0	957	0	957	0	52,470	0	0	0	0	08/20/2040	1FE
38377D-SN-7	GNMA_10-101		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	6,413	1,917	0	(1,917)	0	(1,917)	0	0	0	0	0	2,757	10/20/2039	1FE
	GNMA_10-42 GNMA_10-42		06/16/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٥		35,213	3,574	0	(3,574)	0	(3,574)		u		0	0	8,781	06/16/2039 11/16/2039	1FF
	GNMA 10-42		06/16/2020 .	. MBS PAYDOWN		54,385	54,385	72,710	55,712	0	(1,327)	0	(1,327)	0	54,385	0	0	0	3, 136	06/16/2039	1FE
38377F-2Z-3	GNMA_10-80		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	16,379	2,833	0	(2,833)	0	(2,833)	0	0	0	0	0	4,608	04/20/2040	1FE
38377G-4A-4	GNMA_10-88		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	32,239	2,068	0	(2,068)	0	(2,068)	0	0	0	0	0	4,229	07/20/2040	1FE
38377G-ZP-7	GNMA_10-68 GNMA_10-113		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	44,502	1,686	0	(1,686)	0	(1,686)	0	0	0	0	0	5,675	12/16/2039	1FE
38377J-4B-6 38377J-4Y-6	GNMA_10-113		06/20/2020 .	. INTEREST ONLY PAYMENT		٥	ν	16,931	3,219	0	(3,219)		(3,219)	0			0		5,607	11/20/2039 02/16/2040	1FE
38377J-M8-3	GNMA 10-111		06/20/2020 .	INTEREST ONLY PAYMENT		0	0	37,313	1.754	0	(1,754)	0	(1,754)	0	0	0	0	0	5.029	09/20/2040	1FE
38377L-L4-8	GNMA_10-130C	.	06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	22,355	1,257	0	(1,257)	0	(1,257)	0	0	0	0	0	4,200	10/16/2040	1FE
38377M-F3-5	GNMA_10-147 PS	.	06/20/2020 .	. INTEREST ONLY PAYMENT		0	Ω	41,934	2,365	0	(2,365)	0	(2,365)	0	0	0	0	0	5,022	05/20/2040	1FE
38377M-F5-0 38377M-QM-1	GNMA_10-147		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	118,255	6,372	0	(6,397)	0	(6,397)	0	0 0	0	0	0	15,259	11/20/2040	1FE
38377N-F4-1	GNMA 10-157		06/01/2020 .	. MBS PAYDOWN		7,378	7,378	6,477	7,306	0		0	72	0	7,378	0	0	0	2,493	10/20/2039	1FF
38377Q-FA-0	GNMA 11-26D		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	59,797	3,380	0	(3,380)	0	(3,380)	0	0	0	0	0		12/16/2040	1FE
38377Q-GM-3	GNMA_11-18		06/20/2020 .	. INTEREST ONLY PAYMENT		0	Ω	217,547	2,792	0	(2,792)	0	(2,792)	0	0	0	0	0	9,514	08/20/2040	1FE
38377Q-ZT-7	GNMA_11-46		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	15,871	811	0	(811)	0	(811)	0	0	0	0	0	1,787	03/20/2041	1FE
38377T-3H-2 38377T-Q5-3	GNMA_11-28 GNMA_11-24		06/20/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT	·	0	0	103,584	7,452	0	(7,452)	0	(7,452)	0	0	0	ļō	ļ0	15,320	12/20/2040 02/20/2041	1FE
38377T-ZQ-7	GNMA_11-19_JS	-	06/20/2020 .	. INTEREST ONLY PAYMENT		 0	υ	37,863	1,956	0	(2,769)	0	(2,769)			0	0	n	5,416	02/20/2041	1FE
	GNMA_11-52 MY		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	58,818	2,995	0	(2,995)	0	(2,995)	0	0	0	0	0	8,691	04/20/2041	1FE
38377V-RB-4	GNMA_11-56		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	122,410	7,938	0	(7,938)	0	(7,938)	0	0	0	0	0	17,720	04/20/2041	1FE
	GNMA_11-56		06/20/2020 .	. MBS PAYDOWN		956,057	956,057	733,233	937,489	0	18,568	0	18,568	0	956,057	0	0	0		04/20/2041	
	GNMA_11-108 GNMA_11-72		06/20/2020 .	. INTEREST ONLY PAYMENT		0	Q	38,458	2,285 915	0	(2,285)	0	(2,285)	0		0	0	0	5,337	07/20/2041 05/20/2041	1FE
	GNMA 11-108B		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	38,526	2,056	0	(915)	0	(913)	0	0	0	0	0	5,972	06/20/2041	1FE
38377W-KB-9	GNMA 11-70		06/16/2020 .	. MBS PAYDOWN		1, 112, 408	1,112,408	862,447	1,088,068	0	24,339	0	24,339	0	1, 112, 408	0	0	0	0	05/16/2041	1FE
38377W-QA-5	GNMA_11-88B	.	06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	26,041	922	0	(922)	0	(922)	0	0	0	0	0	3,208	06/20/2041	1FE
38377X-DM-1	GNMA_11-102		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	53,697	2,608	0	(2,608)	0	(2,608)	0	ō	0	0	0	7,883	07/20/2041	1FE
38377X-VA-7 38377Y-G3-8	GNMA_11-116 GNMA_11-141		06/01/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		0	0	24,223	3, 188 2,555	0	(3, 188)	0	(3, 188)	0	0 0	0	0	0	4,310 9,040	08/16/2026 10/20/2041	1FE
38377Y-LW-8	GNMA_11-124B		06/01/2020 .	MBS PAYDOWN		9,091	9,091	5,779	8,961	0	130	0	(2, 333)		9,091	0	0	n	5,040	09/20/2041	1FE
38378A-ER-8	GNMA_11-153		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	37,938	2,056	0	(2,056)	0	(2,056)	0	0	0	0	0	4, 116	07/16/2041	1FE
38378A-HD-6	GNMA_11-154A		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	1,250	2,085	0	(2,085)	0	(2,085)	0	0	0	0	0	2,656	01/16/2026	1FE
	GNMA_12-89		06/01/2020 .	. INTEREST ONLY PAYMENT	ļ ļ	0	0	29,465	5,476	0	(5,476)	0	(5, 476)	0	0	0	0	0	5,326	12/16/2053	.   1FE
38378C-HN-0 38378C-K4-8	GNMA_12-15		06/01/2020 .	. INTEREST ONLY PAYMENT		0	Ω	29,851 75,125	4,699 8,191	0	(4,699) (8,191)	0	(4,699)		0 0	0	0	0	6,589	04/20/2040 01/16/2027	1FE
38378U-K4-8 38378D-2B-0			06/01/2020 .	. INTEREST ONLY PAYMENT		 n			3,636	u	(8, 191)		(8, 191)		U		0 n		4,688	01/16/2027	1FE
38378D-Z5-7		-	06/16/2020 .	INTEREST ONLY PAYMENT		00	0	101.648	4.583	0	(4.583)	0	(4,583)	0	0	0	0	0	9,921	03/16/2042	1FE

					Show All Lo	ng-Term B	onds and Sto	ock Sold, Red	deemed or 0	Otherwise I	Disposed o	of During th	he Current Q	(uarter							
1	2	3	4	5	6	7	8	9	10				Carrying Value		16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's		Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	, ,	Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-		Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eian		of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
38378E-K9-3		Cig.i	06/16/2020 .	INTEREST ONLY PAYMENT	Otook	n	1 di Valdo	28,613	476	(Decrease)	(498)	111200	(498)	v aluc n	0	Diopodai	Diopodai	Diopodai	1,621	05/16/2042	1FE
	GNMA 12-66		06/16/2020 .	INTEREST ONLY PAYMENT		0	0	9,234	1, 148	0	(1,148)	0	(1, 148)	0	0	0	0	0	2,143	06/16/2026	1FE
	GNMA_12-81		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	3,522	2, 158	0	(2, 158)	0	(2, 158)	0	0	0	0	0	3,094	08/20/2039	1FE
	GNMA_13-4	.	06/01/2020 .	INTEREST ONLY PAYMENT		0	0	43, 185	2,526	0	(2,526)	0	(2,526)	0	0	0	0	0	3,460	10/16/2042	1FE
38378H-3S-3	GNMA_12-124	.	06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	27 ,574	1,327	0	(1,327)	0	(1,327)	0	0	0	0	0	3,931	10/20/2042	1FE
38378H-4N-3	GNMA_12-124		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	17,651	693 1,273	0	(693)	0	(693)	0	0	0	0	0	2,085	10/20/2042	1FE
38378H-NH-5 38378H-NN-2	GNMA_12-118 GNMA_12-118		06/20/2020 . 06/20/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٠		21,254	1,109		(1,273)		(1,273)		 n	0	0		2,936 2,600	09/20/2042 09/20/2042	1FE
	GNMA 13-34		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	26,808	1,657	0	(1,657)	0	(1,657)		0	0	0	0	4,022	01/16/2040	1FE
		1		ROBERT W. BAIRD & CO.,	[			20,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		[				υ	[		[	7,022		
38378K-R8-4	GNMA_13-118	.	04/20/2020 .	INC		6,351,556	6,040,113	4,772,648	4,952,466	0	(3,850)	0	(3,850)	0	4,948,615	0	1,402,941	1,402,941	66,700	01/16/2055 .	1FE
	GNMA_14-8	.	06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	60,642	7,333	0	(7,333)	0	(7,333)	0	0	0	0	0	16,521	05/20/2042	. 1FE
	GNMA_14-8	-	06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	32,499	1,960	0	(1,960)	0	(1,960)	0	0	0	0	0	5,640	01/20/2044	. 1FE
	GNMA_13-189	.	06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	297,322	16,951	0	(16,951)	0	(16,951)	0	0		0	F	33,828	12/16/2043	1FE
38378P-ZE-1 38378U-AG-2	GNMA_14-10 GNMA_13-133		06/16/2020 .	VARIOUS		0	0	109,400		0	(1,656)	0	(1,656)			0	0	0	5,095 15,294	01/16/2044 02/16/2037	1FE
38378U-B8-9	GNMA 13-144		06/20/2020 .	. INTEREST ONLY PAYMENT		٥	۷		11,572		(3,629)		(11,572)		 ۱		0		23, 154	07/20/2042	1FF
	GNMA 13-130		06/01/2020 .	. INTEREST ONLY PAYMENT		00	0		0	0	(189)	0	(189)	0	0	0	0	0	2, 128	09/16/2043	1FE
38378U-FF-9			06/16/2020 .	INTEREST ONLY PAYMENT		0	0	251,215	15,079	0	(15,079)	0	(15,079)	0	0	0	0	0	42,606	10/16/2043	1FE
38378U-KY-2	GNMA_13-149		06/20/2020 .	INTEREST ONLY PAYMENT		0	0	129,430	0	0	0	0	0	0	0	0	0	0	3,208	12/20/2039	1FE
38378U-PG-6		.	06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	233 , 170	0	0	0	0	0	0	0	0	0	0	5,780	12/20/2039	. 1FE
	GNMA_13-152		06/16/2020 .	. INTEREST ONLY PAYMENT		0	Ω	71,749	4,061	0	(4,061)	0	(4,061)	0	0	0	0	0	7,448	10/16/2043	1FE
	GNMA_13-117 GNMA_13-116		06/20/2020 . 06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	222,317	11,441	0	(11,441)	0	(11,441)	0	0	0	0	0	24,466	03/20/2043	1FE
	GNMA_13-116 GNMA_13-104		06/16/2020 .	INTEREST ONLY PAYMENT		 n		244,353	2, 153	0	(2,153)	0	(2, 153)		 n		0		6,244 36,154	08/16/2043 07/16/2043	1FE 1FE
38378V-W5-0	GNMA 13-117		06/20/2020 .	MBS PAYDOWN		614,352	614,352	823,231	626 , 194	0	(11,842)	0	(11,842)		614,352	0	0	0		06/20/2039	1FF
38378W-CC-5	GNMA 13-122		06/20/2020 .	MBS PAYDOWN		453,418	453,418	477,887	460,860	0	(7,442)	0	(7,442)	0	453,418	0	0	0	18,235	05/20/2039	1FE
38378W-HG-1	GNMA_13-114		06/16/2020 .	MBS PAYDOWN		59,862	59,862	99, 117	61,386	0	(1,523)	0	(1,523)	0	59,862	0	0	0	6,761	08/16/2043	1FE
	GNMA_13-114	.	06/20/2020 .	MBS PAYDOWN		40,766	40,766	58 , 710	42,246	0	(1,480)	0	(1,480)	0	40,766	0	0	0	3,466	08/20/2043	. 1FE
	GNMA_13-131	.	06/15/2020 .	. INTEREST ONLY PAYMENT		0	0	168,906	8,338	0	(8,338)	0	(8,338)	0	0	0	0	0	22,932	09/16/2043	1FE
	GNMA_13-172		06/16/2020 .	. INTEREST ONLY PAYMENT		٥		119,176	6,306 6,363	0	(6,306)	0	(6,363)				0	0	12,978	10/16/2043	1FE
	GNMA 14-43		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	117,633	9,579	0	(0,303)	0	(9,579)		0	0	0		13,777	01/10/2044 .	1FF
	GNMA 14-36		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	169,899	10,332	0	(10,332)	0	(10,332)	0	0	0	0	0	24,933	03/16/2044	1FE
38379A-X9-6	GNMA_14-41		06/16/2020 .	. INTEREST ONLY PAYMENT		0	0	50,140	2,938	0	(2,938)	0	(2,938)	0	0	0	0	0	7,253	03/16/2044	. 1FE
38379A-XF-2	GNMA_14-36		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	71,833	5,638	0	(5,638)	0	(5,638)	0	0	0	0	0	10,456	03/20/2044	. 1FE
38379B-3W-6	GNMA_14-79	-	06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	138,805	10,364	0	(10,364)	0	(10,364)	0	0	0	0	0	14,633	05/16/2044	1FE
38379B-5X-2	GNMA_14_76B	-	06/01/2020 .	. INTEREST ONLY PAYMENT	·····	0	Ω	145 , 114	9,753	ļ	(9,753)	0	(9,753)	0	0	ļ0	ļ	}ō	14,604	05/16/2044	1FE
38379B-7Q-5 38379B-GA-0	GNMA_14-76B	.	06/01/2020 .	. INTEREST ONLY PAYMENT		 n			46,572	0	(46,572)	0	(46,572)	u		0	0	0		01/20/2040 04/16/2044	1FE
38379B-L4-8			06/01/2020 .	. INTEREST ONLY PAYMENT		 n	0	120 , 394	9,322	0	(12,440)	0	(9,322)	0	 0	0	0	n	12,270	05/20/2044	1FE
38379C-Y4-2			06/16/2020 .	. INTEREST ONLY PAYMENT	[	0	0	167,219	10,433	0	(10,433)	0	(10,433)		0	0	0		24,144	07/16/2044	1FE
	GNMA_14-99		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	99,598	2,783	0	(2,783)	0	(2,783)	0	0	0	0	0	9,074	06/20/2044	. 1FE
	GNMA_14-108		06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	86,287	2,917	0	(2,917)	0	(2,917)	0	0	0	0	0	7,909	07/20/2044	1FE
38379H-ZA-6			06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	28,247	1,886	0	(1,886)	0	(1,886)	0	0	0	0	0	2,923	12/20/2044	1FE
38379H-ZE-8 38379M-6W-9	GNMA_14-185	.	06/01/2020 . 06/20/2020 .	. INTEREST ONLY PAYMENT		0	0	36,497	2,639	0	(2,639)	0	(2,639)		0	0	0	0	3,533	12/16/2044	1FE 1FE
38379N-S8-6	GNMA_15-132 GNMA_15-99		06/01/2020 .	. INTEREST ONLY PAYMENT		٠	ν	43.596	17,209		(17,209)		(17,209)		 Λ		0	0		09/20/2045 07/20/2045	1FF
38379R-6V-0	GNMA 17-138	.	04/17/2020 .	VARIOUS		1, 141,700	1,161,574	942.285	952,722	0	(2,048)	0	(2,048)	0	950.674	0	191,027	191,027	11,330	10/16/2059	1FE
38379R-HB-2	GNMA_16-36	.	06/01/2020 .	INTEREST ONLY PAYMENT		0	0	324,565	51,501	0	(51,501)	0	(51,501)	0	0	0	0	0	53,710	08/16/2057	1FE
38379R-VS-9	GNMA_17-71		04/17/2020 .	VARIOUS		9,496,700	9,072,490	7,512,474	7,603,109	0	(12,561)	0	(12,561)	0	7,590,548	0	1,906,152	1,906,152	1,906,152	05/16/2058	1FE
	GNMA_16-24		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	218,911	39,024	0	(39,024)	0	(39,024)	0	0	0	0	0	40,352	09/16/2057 .	1FE
	GNMA_16-16		06/16/2020 .	. INTEREST ONLY PAYMENT		0	٥	196,221	12,708	0	(12,708)	0	(12,708)	0	ū	0	0	<u>0</u>	24,558	02/16/2046	1FE
	GNMA_16-20	-	06/20/2020 .	. INTEREST ONLY PAYMENT		0	ļ		4,836	ļ0	(4,836)	0	(4,836)	0	0	ļ	ļ	}ō	8,334	. 02/20/2046	.  1tt
38379W-FS-6 38380G-NE-0	GNMA_16-49	-	06/20/2020 .	. INTEREST ONLY PAYMENT		0		64,070	4, 199	0	(4, 199)	0	(4, 199)		 0	0	0	0	11,448	04/20/2046 08/20/2047	1FE 1FE
	GNMA_17-118 GNMA_17-156	.	06/20/2020 .	. INTEREST ONLY PAYMENT			νn	325,855	23,280	n	(14, 196)	n	(23, 280)	o	 n	n	n	n		10/20/2047	1FE
	GNMA 17-181		04/17/2020 .	VARIOUS		7.287.861	7.418.555		6,100,644	n	(6,256)	0	(6,256)		6.094.388	0	1.193.474	1.193.474	72,371	10/16/2059	1FF

					Show All Lo	ng-Term Bo	onds and Sto	ock Sold, Red	deemed or C	Otherwise I	Disposed o	of During th	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10				Carrying Va		16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	,	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	t Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eian	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
38380L-QM-8		Cigii	.06/01/2020	. INTEREST ONLY PAYMENT	Otook	n Ciduon	1 di Value	27,974	2,355	(Decrease)	(2,355)	n	(2,355)		Date	Пороза	Disposar	Порозаг	2,609	01/20/2069 .	1FE
38380M-LC-3			.04/09/2020	VARIOUS		15,593,939	16,283,441	11,693,578	11,867,148	0	(465)	0	(465)		11,866,682	0	3,727,257	3,727,257	150,823	06/16/2060 .	1FE
	-			PERFORMANCE TRUST			, ,	,,	, ,		,		,		, ,		, ,	, , ,			
	GNMA_18-170		.04/09/2020	CAPITAL PARTNERS		11,939,121	12,433,549	8,825,674	8,941,883	0	3,563	0	3,563	0	8,945,446	0	2,993,675	2,993,675	115, 164	11/16/2060 .	1FE
	GNMA_17-182		.06/20/2020	. INTEREST ONLY PAYMENT		0	0	594,664	41,585	0	(41,585)	0	(41,585)	0	0	0	0	0	74,555	12/20/2047 .	1FE
38380X-AK-3			.06/01/2020	. INTEREST ONLY PAYMENT		0	0	50,359	0	0	0	0	0	0	0	0	0	0	1,140	06/16/2048 .	1FE
38381A-AC-0 38381R-AY-5			.06/20/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٠٥	u	413,142 543,931	30,225 28,465	0	(30,225)	0	(30,225)		o	0	0		57,084 70,205	09/20/2048 . 02/20/2049 .	. IFE
38381R-N5-4			.06/20/2020	. INTEREST ONLY PAYMENT		o	n	425,600		n	(39,476)	n	(39,476)		n	0	n	n		03/20/2049 .	1FF
	GNMA 19-45		.06/20/2020	VARIOUS		0	0	191,406	0	0	(3,479)	0	(3, 479)		0	0	0	.0	13,431	04/20/2049 .	1FE
38381V-TH-3	GNMA_19-57		.06/20/2020	. INTEREST ONLY PAYMENT		0	0	502,693	21,805	0	(21,805)	0	(21,805)	0	0	0	0	0	61,981	05/20/2049 .	1FE
38381V-TK-6			.06/20/2020	. INTEREST ONLY PAYMENT		0	0	292,391	14,466	0	(14,466)	0	(14,466)	0	0	0	0	0	37,332	05/20/2049 .	1FE
	GNMA_19-78		.06/20/2020	VARIOUS		0	0	313,983	0	0	(6,072)	0	(6,072)	0	0	0	0	0	12,496	06/20/2049 .	1FE
			.06/20/2020	. INTEREST ONLY PAYMENT		00	0	90,573	3, 136	0	(3, 136)	0	(3, 136)		0	0	0	0		09/20/2049 .	1FE
38382D-KM-0 911760-LJ-3			.06/20/2020	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٠٥	u	89,324 3,743	0 0	0	(199)		(199)			0	0		1,469 113	02/20/2050 . 03/15/2028 .	1FE
911760-L3-3			.06/01/2020	. INTEREST ONLY PAYMENT			n		ر ۱				0		٥			n	۱۱۵ ا	03/15/2029 .	1FE
	Subtotal - Bonds - U.S. Special Reven		.00/01/2020	THIEREOF GREET TATMENT		266,859,163	151,080,822	288,619,051	207,757,200	0	(10,517,690)	619, 117		0	213,247,406	0	53,611,758	53,611,758	23,386,230	XXX	XXX
00075W-AP-4			.06/25/2020	MBS PAYDOWN		85,421	85,421	56,698	84,736	0	684	013,117	684		85,421	0	00,011,730	0 0,011,730	494	01/25/2037 .	1FM
	ARMT 05-8 2A21		.06/01/2020	MBS PAYDOWN		28,064	28,079	27,588	27,682	0	382	0	382	0	28,064	0	0	0	510	11/25/2035	1FM
00737B-AB-1	ADS TACTICAL INC -TL		.06/30/2020	VARIOUS		14,988	14,988	14,811	14,940	0	0	0	0	0	14,941	0	47	47	4,978	07/26/2023 .	4FE
	ALASKA VENTURES LLC		.06/30/2020	VARIOUS		331,262	331,262	331,262	331,262	0	0	0	0	0	331,262	0	0	0	15, 128	06/30/2033 .	2PL
013817-AV-3	ALCOA INC		.05/07/2020	VARIOUS		18,486,926	18,000,000	17,971,140	17,994,490	0	212,576	0	212,576	0	18,207,066	0	279,860	279,860	530,645	04/15/2021 .	2FE
02134#-AA-9	ALTA WIND VII LLC		.05/15/2020	SINKING FUND REDEMPTION		285, 162	285, 162	285 , 162	285, 162			0		0	285, 162				5,660	12/31/2035 .	ODI
			.06/25/2020	MBS PAYDOWN		285, 162	285, 162		37,467	0	1,611	0	1,611	0	39.078	0	0		4,380	12/31/2035 .	1FM
	CWALT 06-29T1 2A16		.06/25/2020	MBS PAYDOWN		11,983	18,831	9,614	12,058	0	(75)	0	(75)	0	11,983	0	0	0	136	10/25/2036 .	1FM
02147R-AF-7	CWALT_06-23CB 1A6		.06/01/2020	MBS PAYDOWN		8,298	10,231		8,254	0	44	0	44	0	8,298	0	0	0	238	08/25/2036 .	1FM
	CWALT_06-23CB 2A6		.06/25/2020	MBS PAYDOWN		5,753	9,758	9,855	5,747	0	6	0	6	0	5,753	0	0	0	928	08/25/2036 .	1FM
	CWALT_06-26CB A13		.06/25/2020	. INTEREST ONLY PAYMENT		0	0		(215)	0	215	0	215	0	0	0	0	0	5,672	. 09/25/2036 .	6FE
02151B-AR-9 02151E-AC-6	CWALT_07-22		.06/25/2020	MBS PAYDOWN		8,450 31,795		13, 161	8,422	0	29	0	29	0	8,450	0	0	0	493 243	09/25/2037 . 09/25/2037 .	. 1FM
02151E-AC-6	CWALT 07-23CB A7		.06/25/2020	MBS PAYDOWN		58,793	61,673	23,205			51	0	51		58,793	0	0			09/25/2037 .	1FM
	CWALT 07-23CB A8		.06/25/2020	MBS PAYDOWN		2,630	2,758	2,534	2,496	0	134	0	134	0	2,630	0	0	0	256	. 09/25/2037 .	1FM
02151F-AG-4	CWALT_07-21CB 2A1		.06/25/2020	MBS PAYDOWN		25,002	24,889	9, 176	25, 147	0	(145)	0	( 145)	0	25,002	0	0	0	184	09/25/2037 .	1FM
02151G-AA-5	CWALT_07-24 A1		.06/25/2020	. MBS PAYDOWN		6,057	12, 179	2,727	6,066	0	(9)		(9)		6,057	0	0	0	88	10/25/2037 .	1FM
	CWA_07-24 A4		.06/25/2020	MBS PAYDOWN		6,057	12,179	2,836	6,072	0	(14)	0	(14)	0	6,057	0	0	0	95	10/25/2037 .	1FM
023761-AA-7	AMERICAN AIRLINES INC	-	.05/29/2020	VARIOUS		1,545,156	1,705,000	1,705,000	1,705,000	0	······0	0	0	0	1,705,000	0	(159,844)	(159,844)	45,594	02/15/2029 .	2FE
023765-AA-8	AMERICAN AIRLINES INC 16-2 AA		.06/15/2020	SINKING FUND REDEMPITON		97,920	97,920		0	_	204	n	204	0	97.920	0	0	0	1,567	06/15/2028 .	2FE
02376A-AA-7	AMER AIRLINES 17–2 AA PTT		.05/26/2020	VARIOUS		3,544,212	3,916,966	3,916,966	3,916,966	0	0	0	0	0	3,916,966	0	(372,754)	(372,754)		10/15/2029	2FE
	AMERICAN AIRLINES INC		.05/29/2020	VARIOUS		3,062,496	3,332,479	3,332,479	3,332,479	0	0	0	0	0	3,332,479	0	(269,983)	(269,983)	103,981		
				STIFEL, NICHOLAS &																	
02377L-AA-2	AMER AIRLINES PT TR 2019-1AA PTT		.05/15/2020	. COMPANY, INC		2,599,353	2,953,810	2,953,810	2,953,810	0	0	0	0	0	2,953,810	0	(354,457)	(354,457)	70,818	02/15/2032 .	2FE
00070+ 44 0	AMERICANI ALBI INFO COAZ O CL. O DIT		04/45/0000	SINKING FUND REDEMPTION		000 004	000 004	000 004	000 004						000 004				00.000	40 (45 (0000	ODI
U23/8^-AA-8	AMERICAN AIRLINES 2017-2 CL C PTT		.04/15/2020	SINKING FUND REDEMPTION		922,364	922,364	922,364	922,364	0		0		0	922,364	0	0		23,889	10/15/2023 .	. 2PL
02380@-AA-2	AMERICAN AIRLINES 2015-1 C		.05/01/2020	STREETING FUND NEDERIPTION		500.000	500.000	500.000	500.000	n	n	n	n	0	500.000	n	0	n	11,810	05/01/2023 .	2PI
02660T-EL-3	AHM 05-2 1A2		.06/25/2020	MBS PAYDOWN		6.471	6.471	6.471	6.307	0	164	0	164	0	6.471	0	0	0	54	09/25/2045 .	
03072S-LU-7	AMST_03-11 AF6		.06/01/2020	MBS PAYDOWN		65	65	65	64	0	1	0	1	0	65	0	0	0	2	12/25/2033 .	1FM
	ANIXTER INC		.06/23/2020	CORPORATE ACTION		3,796,875	3,750,000	3,750,000	3,750,000	0	0	0	0	0	3,750,000	0	46,875	46,875	126,250	12/01/2025 .	3FE
	ANTERO RESOURCES CORP		.04/24/2020	. GOLDMAN SACHS & CO		957,950	1,955,000	1,865,106	1,878,707	0	4, 156	0	4, 156	0	1,882,863	0	(924,913)	(924,913)	64,352	03/01/2025 .	
038222-AF-2 038370-AA-0			.06/27/2020	. CORPORATE ACTION		15,567,717	15,000,000	14,968,350	14,990,925	0	573, 173	0	573, 173	0	15,564,098	0	3,620	3,620	344,000	06/15/2021 .	1FE
038370-AA-0 038522-AQ-1	ARAMARK SERVICES INC		.06/15/2020 .05/21/2020	GOLDMAN SACHS & CO		392,666 3,026,400	392,666	392,605	392, 147	0	519	0	519	0	392,666	0	20,586	0	5,072 127,061	07/16/2040 . 02/01/2028 .	
000022-AQ-1	DIDNININ GENTIOLO INC		., 0202112020	SINKING FUND REDEMPTION							4,703		4,703		,005,014		20,300	20, 500	121,001	92/01/2020 .	. m L
04220@-AA-2	ARMENIA MOUNTAIN WIND LLC	l	.06/30/2020	The state of the s		287.663	287,663	287,663	287.663	0	0	0	0	0	287.663	0	0	0	4,689	12/31/2024 .	2PL

					Show All Lo	ng-Term Bo	nds and Stoo	ck Sold, Red	<u>deemed o</u> r (												
1	2	3	4	5	6	7	8	9	10				Carrying Val		16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	n Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange			Dividends	Con-	and
CUSIP		l_			Number of				Adjusted	Valuation	(Amor-	Impairment	t Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign		of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)			13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
042856-AA-2			06/01/2020 .	. MBS PAYDOWN		253,633	253,633	253,627	257,028	0	(3,395)	00	(3,395)	0	253,633	0	0	0	2,920	04/25/2048	1FM
042858-AC-4	ARRW_19-2 BBCMS 18-C2		06/01/2020 .	. MBS PAYDOWN		70,591	70,591 7,500,000		7,422,272	0	1,854	0	1,854	0	70,591 7,424,126	0	(405,739)	(405,739)	224	04/25/2049 12/15/2051	1FM
05526D-BD-6			05/22/2020	VARIOUS		6,597,232	6,250,000	6, 149, 900	6,151,864	0	1,423	0	1,423	00	6, 153, 287	0	443,945	443,945	214,927	12/ 15/2031	2FE
				SINKING FUND REDEMPTION			, , ,		, , ,		,				, , , ,						
05577@-AR-1	UNION PACIFIC CORP		05/03/2020 .			68,099	68,099	68,099	68,099	0	0	0	0	0	68,099	0	0	0	1,338	05/03/2026	1
056059-AN-8	BX_18-IND		06/17/2020 .	J.P. MORGAN SECURITIES,		2,058,000	2,100,000	2,010,750	0	0	3, 116	0	3,116	0	2,013,866	0	44 , 134	44, 134	8,246	11/15/2035	1FM
05607Q-AU-2	BX 20-BXLP		06/17/2020 .	INC.		1,900,000	2,000,000	1,850,000	0	0	3,563	0	3,563	0	1,853,563	0	46 . 437	46,437	7,492	12/15/2036	2FF
00007 Q AO Z	DX_20 DXLI		00/11/2020 .	SINKING FUND REDEMPTION		, ,000,000	2,000,000								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				, , 432	12/ 10/2000	. 21 L
05648C-AB-6			06/30/2020 .			10,500	10,500	10,395	10,442	0	58	0	58	0	10,500	0	0	0	265	12/06/2025	3PL
058927-AB-0			06/01/2020 .	. MBS PAYDOWN		3,630	7,744	5,366	3,527	0	104	0	104	0	3,630	0	0	0	131	02/20/2036	1FM
05946X-AN-3			06/01/2020 .	. INTEREST ONLY PAYMENT		0		25	6	F0	(6)		(6)	0	0	0	0	0	3	11/20/2032	.   5G1
05946X-R2-1 05946X-R3-9	BAFC_05-7 1A2		05/25/2020 .	. MBS PAYDOWN		128 , 164	128,16424,224	117,030	123,459	0	4,705		4,705	0	128, 164	0	0		7,451 555	11/25/2035 11/25/2035	1FM
05948K-4P-1	BOAA 06-3 4CB1		06/01/2020 .	MBS PAYDOWN		6,664	6,870	6,968	0	0	6,664	0	6,664	0	6,664	0	0	0	201	04/25/2036	1FM
05948K-A4-1	BOAA 05-5 1CB2		06/25/2020 .	. MBS PAYDOWN		4,636	4,673	4,811	4,564	0	71	0	71	0	4,636	0	0	0	314	06/25/2035	1FM
05948K-K4-0			06/25/2020 .	. MBS PAYDOWN		41,470	42,285	43,074	41,211	0	259	0	259	0	41,470	0	0	0	2,387	09/25/2035	1FM
			06/01/2020 .	. MBS PAYDOWN		15,603	17,730 .	16,434	15,575	0	27	0	27	0	15,603	0	0	0	395	10/25/2035	1FM
059496-BV-0 05949A-ZG-8			06/01/2020 .	. MBS PAYDOWN		8,421 3.143	8,668 3,143	7,876	8,398	0	23	0	23	0	8,421 3,143	0	0	0	201	04/25/2037 01/25/2035	. 1FM
05949A-ZG-8			06/01/2020 .	MBS PAYDOWN		9,382	9,382	9,454	9,415		(33)		(33)	٥	9,382	0			186	07/25/2035	1FM
05949C-EK-8			06/01/2020	MBS PAYDOWN		1, 122	1,122	1,109	1,086	0	36		36	0	1, 122	0	0	0	23	08/25/2035	1FM
05949C-GD-2	BOAMS_05-H 4A1		06/01/2020 .	. MBS PAYDOWN		1,211	1,211	1,202	1,215	0	(4)		(4)	0	1,211	0	0	0	23	09/25/2035	1FM
05950A-AU-0			06/01/2020	. MBS PAYDOWN		12,914	13,810	14,204	13,028	0	(114)		(114)	0	12,914	0	0	0	412	05/25/2046	4FM
05950F-AC-9 05951G-BE-1	BAFC_06-4 A3 BAFC_07-2		06/25/2020 .	. MBS PAYDOWN		111	301 47,453	255	87 41.675	0	24		24	00	111	0	0	0	2	07/25/2036	. 1FM
05951G-BE-1			06/25/2020 . 06/25/2020 .	. MBS PAYDOWN	• • • • • • • • • • • • • • • • • • • •	42,079		39,732	41,675	0	253	0	253	 0	42,079	0	0			03/25/2037 03/25/2037	2FM
05951V-AV-1	BAFC 06-I 6A1		06/20/2020	MBS PAYDOWN		9,312	9,312	9,081	9, 185	0	126	0	126	0	9,312	0	0	0	66	10/20/2046	1FM
059523-AX-8			06/01/2020 .	. MBS PAYDOWN		0	5,328	3,094	(634)	610	24	0	634	0	0	0	0	0	22	07/25/2047	3FM
05953Y-AH-4			06/01/2020 .	. MBS PAYDOWN		7,451	9, 186	8,520	7,379	0	72		72	0	7,451	0	0	0	192	05/25/2037	1FM
06050A-AA-1 06051G-BM-0			06/25/2020 . 06/01/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN		0	0	2,118 44,991	273 44,495	0	(273)		(273)	0	0	0	0	0	1,459 1,107	11/25/2036	. 5G1
06541K-AJ-7	BANK 18-BN12		05/01/2020 .	VARIOUS			1,300,000	1,033,050	1,060,232		7.159		7, 159	٥	1,067,391	0	(407.641)	(407,641)	1, 107	09/20/2034 05/15/2061	2FF
06650A-AF-4			06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	2,007	73	0	(73)		(73)	0	0	0	0	0	111	11/15/2050	1FE
07378R-AB-5	BSABS_07-AC4 A2		06/25/2020 .	. MBS PAYDOWN		29,068	44,065	43,927	28,113	0	955	0	955	0	29,068	0	0	0	2,021	02/25/2037	1FM
07378R-AQ-2	BSABS_07-AC4 A5		06/25/2020 .	. INTEREST ONLY PAYMENT	l	0	0	14, 459	206	0	(206)	0	(206)	0	0	0	0	0	4,330	02/25/2037	5FE
07384M-YU-0			06/01/2020 .	. MBS PAYDOWN		315,045	315,045	315,242	315,045	łō	0	ļō		0	315,045	F0	ō	0	5,983	10/25/2033	1FM
07384Y-NA-0 07386V-AB-6			06/01/2020 .	. MBS PAYDOWN		4,598 0	4,598 . 0	4,546 8,788	4,595	0 n		0 n	(1)	0 n	4,598 0		0 n	n		10/25/2033 04/25/2037	6FF
	55.55_5. 100 NE			SINKING FUND REDEMPTION	***************************************														,211		
			06/30/2020 .			76,961	76,961	76,967	76,967	0	(6)	0	(6)	0	76,961	0	0	0	1, 101	10/08/2025	2PL
073879-4H-8			06/25/2020 .	. MBS PAYDOWN		15, 117	15, 117	14,663	14,932	0	184	0	184	0	15, 117	0	0	0	721	12/25/2035	. 1FM
073879-B2-3 073879-T2-4			06/25/2020 . 06/25/2020 .	MBS PAYDOWN		499	499 30,703	510	480	0	19	0	19	0		0	0	0	25	08/25/2020 10/25/2035	1FM
073879-12-4	BSABS 05-AC8 A1		06/25/2020 .	. MBS PAYDOWN				5.380		0	153	0		٥		0	0		91	10/25/2035 11/25/2035	. IFM
07387U-CE-9			06/01/2020 .	. MBS PAYDOWN		8,831	8,831	8,744	8,762	0	69	0	69	0	8,831	0	0	0	79	02/25/2036	1FM
07387U-GC-9	BSABS_06-AC2 1A2		06/25/2020 .	. MBS PAYDOWN		21,682	21,682	18 , 146	21,453	0	229	0	229	0	21,682	0	0	0	711	03/25/2036	1FM
07388B-AF-9	BSABS_07-AC5 A6		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	6,606	0	0	0	0	0	0	0	0	0	0	3, 105	07/25/2037	6FE
07388W-AB-2	BSABS_06-AC4 A2		06/25/2020 . 06/01/2020 .	MBS PAYDOWN		30,771	36,771	37,702	30,462	ļō	309	ļō	309	0	30,771	}ō	ļ	0	3,746	07/25/2036	.  1FM
073914-VY-6 07401N-AP-4			06/01/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN		1, 173, 787	1,173,787	495	1, 170, 887	0 n	2.900	0 n	2,900	0 ۱	1,173,787		0 n	n	248	03/25/2031 01/25/2037	1FE
08162T-AG-8			05/27/2020 .	BARCLAYS CAPITAL INC		2,862,500	5,000,000	4,072,655	4,148,688	0	30,200	0	30,200	0	4, 178, 888	0	(1,316,388)	(1,316,388)	74, 167	05/15/2053	
				SINKING FUND REDEMPTION													,,,	,,,			
	BLUE DOLPHIN FRAC LLC		04/30/2020 .			313,052	313,052	313,052	313,052	0	0	0	0	0	313,052	0	0	0		10/31/2024	1PL
096630-AF-5	BOARDWALK PIPELINES LP		06/10/2020 .	. CIBC OPPENHEIMER CORP		2,048,000	2,000,000	1,993,180	1,994,803	0	262	0	262	0	1,995,066	0	52,935	52,935	80,842	07/15/2027	2FE
097023-BN-4	BOEING CO		06/02/2020	MORGAN STANLEY & CO.		495,750	500.000	492.475	496.805	_	466	_	466	٨	497.271	0	(1.521)	(1,521)	6,539	10/30/2022	2FE
031020-011-4	DOLING OU	1	1. 20/ 02/ 2020 .	. IIIV.				472,473	1	L	400	L	400			L	L(1,JZ1)			10/ 00/ 2022	4 4

					Show All Lo	ng-Term Bo	onds and Stoo	ck Sold, Red	deemed or 0	Otherwise I	Disposed o	of During th	he Current Qu	uarter							
1	2	3	4	5	6	7	8	9	10				Carrying Value		16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in F	oreign					Bond		NAIC
												Year's	Book/ Ex	xchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted Ch	nange in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	, ,	Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-		Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eian		of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized		Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
oat.o	2000.1540.1	o.g	Date	BANK OF AMERICA	O LO G.K	0.000	. a. value	0001	7 4.40	(Doorouse)	71001011011	IIIZGG	10)	Value	2410	2.00000.	D.opcou.	Diopood.		24.0	
097023-CW-3	BOEING CO		05/26/2020 .	SECURITIES LLC		546,350	500,000	500,000	0	0	0	0	0	0	500,000	0	46,350	46,350	1,935	05/01/2050 .	2FE
097023-CX-1	BOEING CO		05/22/2020	RBC CAPITAL MARKETS		542, 185	500,000	500,000	0	0	0	0	0	0	500,000	0	42, 185	42, 185	1,894	05/01/2060 .	
				SINKING FUND REDEMPTION																	
11042T-AA-1			06/20/2020 .			8,741	8,741	8,741	8,741	0	0	0	0	0	8,741	0	0	0	166	09/20/2031 .	
12489W-QE-7	CBASS_05-CB8		06/01/2020 .	VARIOUS		76,467	76,467	76,084	Ω	0	0	0	0	0	76,467	0	0	0	396	12/25/2035 .	1FM
12523@-AA-9	CC TUGS LLC		06/30/2020 .	SINKING FUND REDEMPTION		70,408	70,408	70,408	70,408	0	0	0	0	0	70,408	0	0	0	2, 171	09/30/2030 .	3DI
123238-78-9	00 1000 LLU	-		SINKING FUND REDEMPTION		10,400				0	l					l		0	4, 1/ 1	93/ 00/ 2030 .	Ur'L
12524@-AA-8	CED WIND HOLDINGS LLC		06/30/2020 .	S. ANTINO I GIAD HEDERIII I TON		739,389	739,389	739,389	739,389	0	0	0	0	0	739,389	0	0	0	16,304	12/31/2028 .	2
12527G-AF-0	CF INDUSTRIES INC		05/20/2020	GOLDMAN SACHS & CO		877,800	840,000	891,265	881,434	0	(816)	0	(816)	0	880,618	0	(2,818)	(2,818)	29,681	03/15/2034 .	3FE
	CIGNA CORPORATION		03/31/2020 .	CORPORATE ACTION		247,328	0	0	0	0	230,537	0	230,537	0	230,537	0	16,791	16,791	0	11/15/2021 .	
			06/01/2020 .	MBS PAYDOWN	l	140,892	140,892	140,045	141, 102	0	(210)	0	(210)	0	140,892	0	0	0	2,310	08/25/2048 .	
12553X-AP-8		-	06/01/2020 .	. MBS PAYDOWN		72,647	72,647	72,988	0	0	(7)	0	(7)	0	72,647	0	0	0	323	08/25/2048 .	1FM
12554C-BA-5	CIM_18-J1		06/01/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN			0 . 	341,835	74, 136 501, 430	0	(74, 136)	0	(74, 136)		0 499,881	0	0	0	46,170 8,174	03/25/2048 . 05/25/2049 .	
	CIM_19-INV2		06/01/2020 .	MBS PAYDOWN		116,802	116,802	117.824	501,430	0	(1,549)	0	(1,549)		116.802		0		543	05/25/2049 .	
			06/01/2020 .	MBS PAYDOWN			676,924	687,997	677,897		(20)	0	(973)		676,924				10,875	02/25/2049 .	1FE
	CIM 19-INV1		06/01/2020 .	MBS PAYDOWN		11,044	11,044	10,720	0	0	2	0	2	0	11.044	0	0	0	63	02/25/2049 .	1FE
12556M-AB-0			06/01/2020 .	MBS PAYDOWN		854,035	854,035		854,756	0	(721)	0	(721)	0	854,035	0	0	0	11,909	08/25/2049 .	
12557L-AC-9	CIM_19-INV3		06/01/2020 .	MBS PAYDOWN		321,731	321,731	326,115	322,023	0	(292)	0	(292)	0	321,731	0	0	0	4,723	08/25/2049 .	1FE
	CIM_19-INV3		06/01/2020 .	. MBS PAYDOWN		136,752	136,752	137 , 769	136,808	0	(56)	0	(56)	0	136,752	0	0	0	2,007	08/25/2049 .	
12558T-AN-7			06/01/2020 .	. MBS PAYDOWN		727,583	727,583	731,987	631,544	0	(360)	0	(360)	0	727,583	0	0	0	9,031	10/25/2049 .	
12566X-AL-2	CMALT_07-A7 2A2		06/25/2020 .	MBS PAYDOWN		27,737	45,637	44,068	26,570	0	1, 168	0	1,168	0	27,737	0	0	0	5,700	07/25/2037 .	1FM
105055 11 0	COMM 17-COR2		06/03/2020 .	DEUTSCHE BANK . SECURITIES, INC		2, 136, 501	2,478,000	2,495,480	2,490,845	0	(962)	0	(962)	0	2,489,884	0	(353,383)	(353,383)	58,712	09/10/2050 .	1FM
12333L-AI1-0	COMM_17-CON2		00/03/2020 .	CITIGROUP GLOBAL MARKETS		2, 100,001	2,470,000	2,433,400	2,430,043	0	(302)		(302)		2,403,004		(000,000)	(330,303)			11 111
12595V-AG-2	COMM 18-COR3		.06/05/2020	INC		1,868,125	1,750,000	1,802,498	1,794,795	0	(2,086)	0	(2.086)	0	1.792.709	0	75.416	75.416	41,912	.05/10/2051	1FE
12596D-AA-4	COLT_18-3		06/01/2020 .	MBS PAYDOWN		84,292	84,292	84,502	0	0	(24)	0	(24)	0	84,292	0	0	0	402	10/26/2048 .	1FM
	CSMC_06-4 1A11	.	06/01/2020 .	MBS PAYDOWN		18,544	18,724	14,658	18,732	0	(188)	0	(188)	0	18,544	0	0	0	447	05/25/2036 .	
12646X-AY-8	CSMC_13-IVR3		06/01/2020 .	MBS PAYDOWN		24, 140	24,140	24,087	0	0	0	0	0	0	24, 140	0	0	0	69	05/25/2043 .	
			06/01/2020 .	MBS PAYDOWN		88,324		85,950	0	0	84	0	84	0		0	0	0	441	07/25/2043 .	
12647G-CN-6 12647V-AZ-8			06/01/2020 . 06/01/2020 .	MBS PAYDOWN		103,718	103,718	101,644		0	33	0	33		103,718	0	0	0	299	10/25/2043 . 10/25/2043 .	
12647 V-AZ-8			06/01/2020 .	MBS PAYDOWN		69,381	69,381		ν	0	29		29			0			290	10/25/2043 .	
12648A-AZ-3			06/01/2020 .	MBS PAYDOWN		60,709	60,709	59,001	0	0	42	0	42	0	60,709	0	0	0	254	11/25/2043 .	
12648A-BA-7			06/01/2020 .	MBS PAYDOWN		13,542	13,542	13,513		0	0	0	0	0	13,542	0	0	0	42	11/25/2043 .	
12648H-AK-1	CSMC_14-1VR2		06/01/2020 .	MBS PAYDOWN	ļ	430,057	430,057	435,414	433, 126	0	(3,069)	0	(3,069)	0	430,057		0	0	5,741	04/25/2044 .	1FM
			06/01/2020 .	MBS PAYDOWN		11,453	11,453	11,428	ρ	0	0	0	0	0	11,453	0	0	0	36	04/25/2044 .	
	CSMC_14-IVR3		06/01/2020 .	MBS PAYDOWN		16 , 150	16,150	16 , 115	0	0	(1)	0	(1)	0	16 , 150	0	0	0	55	07/25/2044 .	
	CSMLT_15-3		06/01/2020 .	MBS PAYDOWN		31,315	31,315	26,618	0	0	69	0	69	0	31,315	0	0	0	193	11/25/2045 .	
12653B-AL-4	CSWF_18-TOP		04/15/2020 .	. MBS PAYDOWN		382,361	382,361	382,361	382,361	0					382,361			0	4,200	08/15/2035 .	IFM
12653V-AE-6	CSMC 19-ICE4		06/18/2020 .	INC		5,850,000	6,000,000	5,664,375	0	0	10.699	0	10.699	0	5.675.074	0	174.926	174,926	21,443	05/15/2036 .	1FF
126670-GR-3			04/01/2020	MBS PAYDOWN		135,690	138,356		134,722	0	968	0	968	0	135,690	0	0	0	2, 128	04/25/2036 .	
12667F-S7-1			06/01/2020 .	INTEREST ONLY PAYMENT		0		1,733	124	0	(124)	0	(124)	0	0	0	0	0	234	01/25/2035 .	
12667F-T8-8			06/01/2020 .	. MBS PAYDOWN		33,365		33,886		0	1	0	1	0		0	0	0	665	02/25/2025 .	1FM
12667G-GA-5			06/25/2020 .	MBS PAYDOWN		32,800			32,487	0	313	0	313	0	32,800	0	0	0	1,825	06/25/2035 .	1FM
12667G-LD-3			06/25/2020 .	MBS PAYDOWN		8,081	8,081	8,403	8,025	0	56	0	56	0	8,081	J	0	0	572	07/25/2035 .	1FM
12667G-TM-5 12667G-YX-5		-	06/25/202006/25/2020 .	MBS PAYDOWN		11,056 74,194	11,039 74,194		11,028 73,966	0	29	0	29		11,056	0	0	0	83 594	07/25/2035 .	IFM
12667G-YX-5		-	06/25/2020 .	MBS PAYDOWN						799	311		1,110				 n		594	08/25/2035 . 11/25/2035 .	IFM
12668A-NB-7			06/25/2020 .	MBS PAYDOWN		25,512	29,179	28,910	25,309	0	203	0	203	0	25,512		n	n	1,980	11/25/2035 .	
12668B-SN-4			06/25/2020	INTEREST ONLY PAYMENT		0	0	223	0	0	0	0	0	0	0	0	0	0	2,366	05/25/2036	6FE
12668B-WF-6	CWALT_06-11CB 3A1		04/01/2020 .	MBS PAYDOWN		26,310	26,237	26,543	26,347	0	(37)	0	(37)	0	26,310	0	0	0	568	05/25/2036 .	1FM
12668B-XG-3			06/25/2020 .	MBS PAYDOWN		11, 198	14,308	14,415	11,080	0	118	0	118	0	11, 198	0	0	0	1,337	05/25/2036 .	1FM
	CWHL_03-15 1A2		06/25/2020 .	VARIOUS		105	105	105	(11)	0	44	0	44	0	105	0	0	0	5	05/25/2021 .	1FM
12669F-AU-7	CWHL_03-56		06/01/2020 .	MBS PAYDOWN		124,815	124,815	124, 191	124,974	L0	(159)	L0	(159)	0	124.815	0	0	0	1,678	12/25/2033 .	1FM

					Show All Lo	ng-Term Bo	onds and Sto	ck Sold, Red	deemed or (	Otherwise I	Disposed (	of During tl	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10	Ch	nange In Bo	ok/Adjusted	Carrying Va	lue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	,	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-		t Value		Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For	Diaposal	Nama	Shares of	Consid		Actual				Impairment		/Adjusted							
	D	For-	Disposal	Name		Consid-	D. W.L.	Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)			13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
12669G-NP-2			06/25/2020 .	. MBS PAYDOWN		1,447	1,447	1,447	1,432	0	14	0	14	0	1,447	0	0	0	12	03/25/2035 .	3FM
12669G-U4-1	CWHL_05-J2 2A3		06/25/2020 .	. MBS PAYDOWN		71,310	71,310	64,890	68,036	0	3,274	0	3,274	0	71,310	0	0	0	4,833	08/25/2035 .	1FM
14268*-AA-6	CARLSBAD HOLDCO LLC		04/30/2020	SINKING FUND REDEMPTION		34,064	34,064	34,064	34,064	0	0		_	0	34,064		0	_	701	12/31/2038 .	201
14206"-AA-0	CARRIER GLOBAL CORP		06/10/2020 .	SUNTRUST		3,494,925	3,500,000	3,499,720	34,004			0			3,499,720	0	(4,795)	(4,795)	27,787	02/15/2030 .	
144400-77-2	CANFIER GEODAL CONF		00/ 10/ 2020 .	SUSQUEHANNA FINANCIAL		, 454, 525			υ	0							(4,733)	(4,755)	21,101		. 21 L
14448C-AH-7	CARRIER GLOBAL CORP		.06/10/2020	GROUP		2,005,260	2,000,000	2,000,000	0	0	0	0	0	0	2,000,000	0	5,260	5,260	14,543	02/15/2027 .	2FF
				SINKING FUND REDEMPTION			,-,,														
15005#-AA-7	CED UPTON COUNTY SOLAR LLC	. []	06/30/2020 .			103,698	103,698	103,698	103,698	0	0	0	0	0	103,698	0	0	0	2,307	06/30/2042 .	2
152314-LS-7			06/25/2020 .	. MBS PAYDOWN		2,116	2,116	2, 106	2, 106	0	10	0	10	0	2, 116	0	0	0	26	09/25/2034 .	
				SINKING FUND REDEMPTION											1						
15506#-AA-1	CENTRAL RIVERS POWER US LLC		06/22/2020			480,847	480,847	480,847	0	0	0	0	0	0	480,847	0	0	0	7,206	12/20/2034 .	
16158R-AC-0	CHASE_19-ATR1		06/01/2020 .	. MBS PAYDOWN		601,722	601,722	609, 149	602,899	0	(1,178)		(1, 178)	0	601,722	0	0	0	9,899	04/25/2049 .	
16158R-AM-8	CHASE_19-ATR1		06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	77,028	24,539	0	(24,539)		(24,539)	0	0	0	0	0	26,476	04/25/2049 .	
16158R-AU-0	CHASE_19-ATR1		06/01/2020 .	. INTEREST ONLY PAYMENT		0		53,895	19,870	0	(19,870)		(19,870)	0	0	0	0	0	19,733	04/25/2049 .	1FE
16158R-AX-4	CHASE_19-ATR1		06/01/2020 .	. INTEREST ONLY PAYMENT				8,335	2,717	0	(2,717)		(2,717)	0	0	0	0	0	2,590	04/25/2049 .	1FE
16159G-AC-3 16159G-AM-1	CHASE_19-ATR2CHASE 19-ATR2		06/01/2020 . 06/25/2020 .	. MBS PAYDOWN		595,990	595,990	602,695	596,784	0	(794)		(794)	0	595,990	0	0		8,859	07/25/2049 . 07/25/2049 .	
			06/25/2020 .	. INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٠٥	0		49,875		(49,875)		(114,088)		ν	0	0		62,019	03/25/2049 .	
16159W-BH-6	CHASE 19-1		06/01/2020 .	MBS PAYDOWN		601,009	601,009	606,362	601,286		(43,673)		(49,673)		601,009			n	8,636	03/25/2050 .	
16159W-BP-8			06/01/2020 .	. INTEREST ONLY PAYMENT		00,1003	001,009	16.511	3.329		(3,329)		(3, 329)		001,003		0	n	2,915	03/25/2050 .	
			06/01/2020 .	MBS PAYDOWN		3,560	3,563	3,625	3,556	0	4	0	4	0	3,560	0	0	0	83	02/25/2035 .	
	-			SINKING FUND REDEMPTION		,	, , , , , , , , , , , , , , , , , , , ,		, , , , , , , , , , , , , , , , , , , ,												
16384Y-AF-4	CHEMOURS COMPANY		06/30/2020 .			12,563	12,563	12, 123	12,562	0	1	0	1	0	12,563	0	0	0	181	04/03/2025 .	3FE
				SINKING FUND REDEMPTION																	
167885-A#-9	CHICAGO PARKING METERS LLC		06/30/2020 .			417,223	417,223	417,223	417,223	0	0	0	0	0	417,223	0	0	0	15,591	12/30/2033 .	
17290Y-AW-8	CGCMT_16-C1		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	7,653	385	0	(385)		(385)	0	0	0	0	0	573	05/12/2049 .	1FE
17307G-AU-2	CMLTI_03-UP3 A2 CMLTI_05-8 1A4A		06/01/2020 . 06/01/2020 .	MBS PAYDOWN		5,044 89,120	5,044 91,862	5,336	5,067 87.685	0	1,435		(22)	0	5,044 89.120	0	0	0	151 1,372	09/25/2033 .	1FM
17307G-E8-7 17307G-ZK-7			06/01/2020 .	. MBS PAYDOWN		152,534	153,176	67,500 146,558	147,464	0	5,071	0	1,435	0		0			2,923	10/25/2035 . 10/25/2035 .	IFM
			06/01/2020 .	. MBS PAYDOWN		59,798			59,910		(111)	١	(111)		59,798				1,099	06/25/2058 .	1FM
17325H-BU-7	CGCMT 17-P7		06/01/2020 .	INTEREST ONLY PAYMENT				12.977			(524)		(524)		05,790			n	775	04/14/2050	
17326C-BE-3	CGCMT 17-B1		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	4,591	187	0	(187)		(187)		0	0	0	0	270	08/15/2050 .	
17326D-AJ-1	CGCMT 17-P8		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	2,963	110	0	(110)		(110)		0	0	0	0	170	09/15/2050 .	
17326F-AF-4	CGCMT_17-C4		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	5, 193	207	0	(207)		(207)	0	0	0	0	0	316	10/12/2050 .	
18976G-AL-0	CMALT_07-A6		06/01/2020 .	. MBS PAYDOWN		3,494	4,239	3,922	3,506	0	(12)	0	(12)	0	3,494	0	0	0	105	06/25/2037 .	3FM
190749-AG-6	CWCI_06-C1		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	96	25	0	(25)	0	(25)	0	0	0	0	0	61	08/15/2048 .	5GI
	20111 40 5045		00 (47 :	CREDIT SUISSE SECURITIES		, ,		, === ===	_	_				_						00 (45 :	455
20048G-AA-4	COMM_19-521F		06/17/2020 .	. (USA) LLC		4,806,250	5,000,000	4,765,625	0	0	7,435	0	7,435	0	4,773,060	0	33 , 190	33, 190	12,412	06/15/2034 .	
20267V-AC-1	CBSLT_17-AGS		06/25/2020 .	. MBS PAYDOWN		108,962	108,962	108,956	108,714	0	248 981	0	248	0	108,962	0	0	0	1,593	05/25/2041 .	
	CBSLT_18-CGS CBSLT_18-CGS		06/25/2020 . 06/25/2020 .	. MBS PAYDOWN		322,765	322,765	322,691	321,784	0	1,941	0	1.981	0	322,765	0			5,591	02/25/2046 . 02/25/2046 .	
	CBSLT 18-AGS		06/25/2020 .	. MBS PAYDOWN		73,070	73,070	73,038	72,904		1,941		1,941		73.070				1,095	02/25/2046 .	
	CBSLT 18-AGS		06/25/2020 .	MBS PAYDOWN		39,561	39,561	39,552	39,463	0	99	0	99	0	39,561	0	0	0	553	02/25/2044 .	
20753M-AF-5			06/25/2020	MBS PAYDOWN		1, 148, 766	1,148,766	1,150,650	0	0	(1, 186)	0	(1, 186)	0	1,148,766	0	0	0	9,447	09/25/2031 .	
20753Q-AE-9			06/25/2020	MBS PAYDOWN				798,240	0	0	14,078		14.078	0		0	0	0	7,795	04/25/2031 .	
20753T-AB-9	CAS_19-R04	. []	06/25/2020 .	. MBS PAYDOWN		47,262	47,262		0	0	(135)		( 135)	0	47,262	0	0	0	446	06/25/2039 .	
	_			SINKING FUND REDEMPTION														1			
210795-QB-9	CONTINENTAL AIRLINES 2012-2 PASS T	. [	04/29/2020 .			149,403	149,403	130,728	0	0	225	0	225	0	149,403	0	0	0	2,988	10/29/2024 .	
22540A-7C-6		[]	06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	2,634	0	0	0	0	0	0	0	0	0	0	599	01/25/2032 .	
22541Q-YG-1	CSFB_03-25	- []	06/01/2020 .	. MBS PAYDOWN		23,389	23,389	24,631	23,457	0	(68)	٥ا	(68)	0	23,389	0	0	0	536	10/25/2033 .	
225458-2J-6			06/01/2020 .	. MBS PAYDOWN		0	2	3	0	0	0	0	0	0	0	0	0	0	0	09/25/2035 .	
22944B-AU-2	CSMC_07-5 3A1		06/25/2020 .	. MBS PAYDOWN		12,636	12,766	7, 334	12,406	0	230	0	230	0	12,636	0	0	0	96	08/25/2037 .	1FM
00014D AF 0	DCD MIDCEDEAN LLC		05/07/0000	BANK OF AMERICA SECURITIES LLC		11 000 050	10 500 000	10 400 075	10 400 700	_	047	_	0.47	_	10 400 040	_	(E00 700)	(E00 700)	004 407	00/20/0004	occ.
	DCP MIDSTREAM LLC	-	05/07/2020 . 06/01/2020 .	MBS PAYDOWN		11,906,250	12,500,000	12,493,875	12,498,763	0	247	, 0	247	0	12,499,010	0	(592,760)	(592,760)	364,497	09/30/2021 . 07/25/2022 .	
2002 IF-DU-1	DEGINA_92=3 NZ		00/01/2020 .	SINKING FUND REDEMPTION			2,330	2,030	,2,331	0	(1)	,	(1)	0	2,000				88	20/20/2022 .	. 11'111
24617#-AA-9	DELAWARE NORTH COMPANIES BOSTON		05/14/2020	OTHER THAT I GIVE PLUCIII TON		342,096	342.096	342,096	342.096	n	n	n	n	n	342.096	0	n	n	6,534	11/14/2034	2PL

					Show All Lo	ng-Term Bo	onds and Stoc	k Sold, Red	deemed or C	Otherwise [	Disposed of	of During th	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10	Ch	nange In Bo	ok/Adjusted	Carrying Va	lue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	DELTA AIR LINES INC		04/16/2020 .	. VARIOUS		2,637,375	3,250,000	3,236,838	3,237,029	0	331	0	331	0	3,237,360	0	(599,985)	(599,985)	58,229	10/28/2029	2FE
25271C-AL-6			04/27/2020 .	. VARIOUS		493,661	5,000,000	2,925,000	2,925,000	0	0	2, 150,000	(2,150,000)	0	775,000	0	(281, 339)	(281,339)	141,704	10/15/2039	5FE
25271C-AN-2 25272K-AD-5			04/23/2020 . 04/06/2020	. VARIOUS		591,632	5,500,000 . 15,000,000	5,451,490	5, 456, 328 14.998.737	0	243	4,714,071	(4,713,828)		742,500 14.998.964	0	(150,868) 7.936	(150,868) 7.936	127,018 206.881	11/01/2043 06/15/2021	5FE
23272N ND 3	DIAMOND I I MANGE COM CHATTON DIAM		94/00/2020 .	MORGAN STANLEY & CO.		13,000,300	15,000,000	14,000,000	14,330,707						14,000,004				200,001	90/ 13/ 2021	. 2
25278X-AN-9			05/01/2020 .	INC		7, 172,500	8,500,000	8,477,985	8,478,115	0	606	0	606	0	8,478,721	0	(1,306,221)	(1,306,221)	121,528	12/01/2029	2FE
25755T-AE-0		.	04/25/2020 .	. MBS PAYDOWN		2,500	2,500	2,357	0	0	9	0	9	0	2,500	0	0	0	28	10/25/2045	2FE
25755T-AG-5		·	04/25/2020 .	MBS PAYDOWN		10,250	10,250	10,036	10,216	ō	34	0	34	ō	10,250		0	0	158	07/25/2047	2FE
25755T-AH-3 25755T-AJ-9		-	04/25/2020 .	. MBS PAYDOWN		11,250	11,250 . 31,500 .		11,250	0	0	0	0	0	11,250				232	07/25/2047 07/25/2048	2FE
25755T-AL-4			04/25/2020 .	MBS PAYDOWN		8,750	8,750		8,750	0	0	0	0	0		0	0	0	139	10/25/2049	2FE
	HONK_19-1A	.	04/20/2020 .	MBS PAYDOWN		7,500	7,500		7,500	0	0	0	0	0		0	0	0	174	04/20/2049	2FE
26442C-AJ-3		.	06/15/2020 .	MATURITY		7,000,000	7,000,000	6,983,550	6,999,094	0	906	0	906	0	7,000,000	0	0	0	150,500	06/15/2020	1FE
268571-AB-2 268571-AC-0		-	06/25/2020 .	. MBS PAYDOWN		137 , 160	137,160 168,029	137 , 144	142, 195 167, 198	0	(5,035)	0	(5,035)	0	137 , 160	0	0	0		08/25/2042 08/25/2042	1FE
20007 I-AU-U	ELF1_18-A		00/23/2020 .	SINKING FUND REDEMPTION		100,029	100,029	104,723	107 , 190	0	031	0	001	0	100,029				2,091	96/23/2042	, IFE
26860#-AA-8	EIF PIO PICO LLC	.	06/30/2020 .	OTHER THE TENE		86,980	86,980			0	0	0	0	0		0	0	0	1,866	12/31/2041	2PL
26875P-AE-1	EOG RESOURCES INC.		06/01/2020 .	. MATURITY		2,000,000	2,000,000	2,077,280	2,003,891	0	(3,891)	0	(3,891)	0	2,000,000	0	0	0	44,000		2FE
				WACHOVIA CAPITAL MARKETS						_				_		_					
26884T-AP-7	ERAC USA FINANCE LLC	-	05/14/2020 .	. LLC		8, 171, 120	8,000,000	7,984,880	7,990,440	0	560	0	560	0	7,991,000	0	180 , 120	180 , 120	166,356	11/01/2025	. 2FE
26986*-AA-1	EAGLE SOLAR LLC		06/30/2020 .	STINKTING FUND REDEMPTION		266.490	266,490	266 . 490	266 . 490	٥	0	0	0	0	266.490	٥ .	0	0	6.422	12/31/2042	2PI
28501*-AB-1			04/15/2020 .	MATURITY		4,500,000	4,500,000	4,500,000	4,500,000		0	0	0	0	4,500,000	0	0	0	125,775	04/15/2020	2
				J.P. MORGAN SECURITIES,																	
292480-AM-2		.	04/24/2020 .	. INC		2,916,125	4,100,000	3,967,529	3,970,243	0	3,531	0	3,531	0	3,973,774	0	(1,057,649)	(1,057,649)	106,344	09/15/2029	2FE
292505-AE-4	OVINTIV INC		04/28/2020 .	. VARIOUS		9,335,000	16,000,000	16,408,781	16,368,716	0	(3,757)	0	(3,757)	0	16,364,960	0	(7,029,960)	(7,029,960)	741,301	08/15/2037	2FE
29252B-AA-7	ENBRIDGE PIPELINES SOUTHERN LIGHTS	.	. 06/30/2020	STINKTING FOND HEDERIFFITON		637,360	637,360	637,360	637.360	0	0	0	0	0	637.360	0	0	0	12.683	.06/30/2040	1PL
29429E-AF-8			06/01/2020	. INTEREST ONLY PAYMENT		0	0	5,007	257	0	(257)	0	(257)	0	0	0	0	0	391	.07/10/2049	1FE
30212P-AM-7		.	05/19/2020 .	. VARIOUS		7,302,000	7,600,000	7,564,660	7,577,434	0	1,236	0	1,236	0	7,578,670	0	(276,670)	(276,670)	290,972	02/15/2026	. 2FE
30247D-AE-1	FFML_06-FF13		06/25/2020 .	. MBS PAYDOWN		140,794	140,794	105,317	139,578	0	1,217	0	1,217	0	140,794	0	0	0	906	10/25/2036	1FM
30311K-AC-0	FR FLOW CONTROL CB LLC		06/30/2020 .	STINKTING FUND REDEMPTION		20.520	20.520	20.209	12.883	0	120	0	120	0	20.520	0	0	0	711	06/28/2026	4FF
32051G-KH-7			06/01/2020 .	. MBS PAYDOWN		3,588	3,588	2,514		0	16	0	16	0	3,588	0	0	0	Ω	05/25/2035	. 1FM
32051G-KL-8			05/25/2020 .	. MATURITY		578	578	466	48	0	530	0	530	0	578	0	0	0	٥	05/25/2020	. 1FM
33850T-AN-8 33851F-BQ-9		-	06/01/2020 . 06/01/2020 .	. MBS PAYDOWN		21,598 5,024	21,598 5,024	21,038	0	0	4	0	4	0	21,598 5,024	0 n	0	0	95	03/25/2048	1FM
33851F-BQ-9 33851H-AC-7		.	06/01/2020 .	MBS PAYDOWN		1,653,713	1,653,713	1,672,834	1,654,892	0 n	(1.179)	0	(1, 179)	0	1,653,713	n	n	u	21	10/25/2048 04/25/2048	1FM
33851H-AP-8			06/01/2020 .	. MBS PAYDOWN		52,380	52,380	50,989	0	0	0	0	0	0		0	0		230	04/25/2048	1FM
33851Y-AC-0	FSMT_20-1INV		06/01/2020 .	. MBS PAYDOWN		206,589	206,589	209,559	0	0	(168)	0	(168)	0	206,589	0	0	0	1,619	03/25/2050	1FE
33851Y-AM-8		.	06/25/2020 .	. INTEREST ONLY PAYMENT		0	0	115,815	0	0	(391)	0	(391)	0	0	0	0	0	5, 192	03/25/2050	1FE
	FSMT_19-11NVFSMT_19-11NV	-	06/25/2020 .	. INTEREST ONLY PAYMENT MBS PAYDOWN			0 82,746	390,326	73,687	0	(73,687)	0	(73,687)	0		0	0	0	95,746 1,152	10/25/2049 10/25/2049	1FE
33032A-An-0	F3MI_19-11NV	-	00/01/2020 .	BANK OF AMERICA		02,740			02,119		(34)		(34)		02,740				1, 132	10/23/2049	
345397-VR-1	FORD MOTOR CREDIT CO LLC		04/20/2020 .	SECURITIES LLC		1,761,688	1,775,000	1,775,000	1,775,000	0	0	0	0	0	1,775,000	0	(13,313)	(13,313)	73,995	02/01/2021	3FE
				MORGAN STANLEY & CO.																	
345397-VU-4		-	05/07/2020 .	. INC		1,960,150	1,990,000	2,064,993	2,003,061	0	(1,386)	0	(1,386)	0	2,001,675	0	(41,525)	(41,525)	46,104	08/02/2021	3FE
35563K-AH-3	STACR_19-DNA1		06/25/2020 .	. MBS PAYDOWN		453,224	453,224	342 , 184	0	0	20,556	0	20,556	0	453,224	0	0		5,020	01/25/2049	. 14
35877#-AA-0	FRISCO HQ OPERATIONS LLC		06/15/2020 .	Satting Fond HEDERII FION		210,665	210,665	210,665	210,665	0	0	0	0	0	210,665	0	0	0	4,350	12/15/2037	2PL
36228F-PF-7	GSR_03-3F 2A1		06/01/2020 .	MBS PAYDOWN		3,018	3,018	3,003	3,018	0	1	0	1	0	3,018	0	0	0	57	04/25/2033	. 1FM
36228F-XX-9			06/01/2020 .	. MBS PAYDOWN		1,049	1,049	1,066	1,055	0	(6)	0	(6)	0	1,049	0	0	0	17	10/25/2033	. 1FM
362341-XE-4 362351-AB-4			06/01/2020 . 06/25/2020 .	MBS PAYDOWN		10,755	9, 138 19, 118	7,903	10,665	0	91 53	0	91 53	0	10,755	0	0	0	175 119	11/25/2035	. 1FM
362351-AB-4 36242D-7K-3			06/25/2020 .	MBS PAYDOWN		2,005	2,005	2,005	2,005	 n	0	U	53 n	0 n	2,005	 n	n		14	12/25/2046 06/25/2035	1FM
36242D-T5-2			06/25/2020 .	MBS PAYDOWN		37,993	37,993	36,673		0	1,320	0	1,320	0		0	0		257	03/25/2035	1FM
36251P-AF-1	GSMS_16-GS3		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	4, 107	194	0	(194)	0	(194)	0	0	0	0	0	304	10/10/2049	1FE
36255W-AA-3	GSMS_18-RIVR	.	06/19/2020 .	BARCLAYS CAPITAL INC		481,826	499, 140	465,916	0	0	1,012	0	1,012	0	466,928	0	14,898	14,898	1,347	07/15/2035	. 1FE

					Show All Lo	ng-Term Bo	onds and Stoo	ck Sold, Red	deemed or (	Otherwise I	Disposed (	of During tl	he Current Quarter							
1	2	3	4	5	6	7	8	9	10	Ch	nange In Bo	ok/Adjusted	Carrying Value	16	17	18	19	20	21	22
										11	12	13	14 15							
													Total Total							
												Current	Change in Foreign					Bond		NAIC
												Year's	Book/ Exchange	e Book/				Interest/		Desig-
									Prior Year		Current	Other Than			Foreign			Stock	Stated	nation
									Book/	Unrealized		Temporary	Carrying Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value /Adjuste		Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For- [	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 - Carrying	-	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eian	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)			13) Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
modion	Becompact	o.g	Duto	CITIGROUP GLOBAL MARKETS	Otook	Gradion	i di valdo	0001	Value	(Decrease)	Accidion	mzca	10) Value	Date	Diopodai	Вюроса	Вюрова	roui	Bato	Cymbol
36255W-AG-0	GSMS 18-RIVR		06/19/2020	INC		1,263,500	1,400,000	1,234,625	0	0	4,406	0	4.406	01,239,031	0	24,469	24,469	4,808	07/15/2035 .	2FE
36257L-AA-5			06/01/2020	MBS PAYDOWN		724,818	724,818	740,900	726,530	0	(1,711)	0	(1,711)	0724,818	0	0	0	11,776	11/25/2049 .	
36257L-AL-1			06/01/2020	INTEREST ONLY PAYMENT		0	0	368,656	114,871	0	(114,871)		(114,871)	00	0	0	0	120,976	11/25/2049 .	1FE
36257Q-AA-4			06/01/2020	MBS PAYDOWN		778,660	778,660	787,055	779, 100	0	(440)	0	(440)	0778,660	0	0	0	11, 157	03/25/2050 .	1FM
36257Q-AF-3			06/01/2020	MBS PAYDOWN		1,661,115	1,661,115	1,640,351	0	0	1,627	0	1,627	01,661,115	0	0	0	9,266	03/25/2050 .	1FM
36257Q-AQ-9 36257Q-AR-7			06/01/2020 06/01/2020	MBS PAYDOWN		10, 102	10, 102 13, 133	10,683	10, 121	0	(18)		(18)	010,102 013,133	0	0	0	173 224	03/25/2050 . 03/25/2050 .	1FM
36257T-AA-8			06/01/2020 06/01/2020	MBS PAYDOWN			486,257	491,879	487,079	n	(822)		(822)	0486.257	n	n	n	8.246	08/25/2049 .	1FM
36258F-AA-7			06/01/2020	MBS PAYDOWN		715,147	715,147	729, 115	0	0	(682)		(682)	0715,147	0	0	0	8,398	05/25/2050 .	1FE
36258F-AF-6	GSMBS_20-PJ1		06/01/2020	MBS PAYDOWN		564, 162	564, 162	559,755	0	0	250	0	250	0564, 162	0	0	0	3,334	05/25/2050 .	1FE
36262D-AA-6			06/01/2020	MBS PAYDOWN		351,519	351,519	359,648	0	0	(493)	0	(493)	0351,519		0	0	3,474	07/25/2050 .	1FE
36298X-AA-0			06/25/2020	MBS PAYDOWN		48,410	54,874	47,793	48,392	0	18	0	18	048,410		0	0	289	04/25/2036 .	
36417J-BU-2			06/01/2020	MBS PAYDOWN		11,407	11,407	11,358	11,407	0	1	0	1	011,407	0	0	0	181	11/25/2057 .	1FM
36418A-AG-2 36418A-BV-8			06/01/2020 06/01/2020	MBS PAYDOWN		948,856 5,658	948,856 5,658	963,991	826,663	0	(3,491)	0	(3,491)	0948,856 05,658	0	0	0	14,391	06/25/2059 .	1FM
36418W-AG-4			06/01/2020 06/01/2020	MBS PAYDOWN		376.817	376,817		0			0	(579)	0376.817	0			3.981	06/25/2059 . 02/25/2059 .	IFM
36418W-AJ-8			06/01/2020 06/01/2020	MBS PAYDOWN		230,757	230,757	231,009	140,400		(46)		(46)	0230,757	0			1,114	02/25/2059 .	1FM
			06/01/2020	MBS PAYDOWN		203,000	203,000	200,653	0	0	97	0	97	0203,000	0	0	0	980	02/25/2059 .	
36962G-4Y-7			05/19/2020	CORPORATE ACTION		10,250,000	10,000,000	9,962,000	9,995,288	0	1,755	0	1,755	09,997,044		252,956	252,956	400,833	01/07/2021 .	
36962G-5J-9	GENERAL ELECTRIC CO		05/19/2020	CORPORATE ACTION		16,840,000	16,000,000	15,965,760	15,992,642	0	1,520	0	1,520	015,994,162	0	845,838	845,838	438 , 133	10/17/2021 .	2FE
				MIZUHO SECURITIES USA																
370334-CH-5	GENERAL MILLS INC	.	04/03/2020	INC		2, 197, 140	2,000,000	1,996,880	1,997,050	0	28	0	28	01,997,078	0	200,062	200,062	42,972	04/17/2038 .	2FE
373298-BR-8	GP 7.75 11/15/2029		04/27/2020	CITIGROUP GLOBAL MARKETS		2,793,679	1,915,000	2, 120, 863	2,054,633		(3,313)		(3,313)	0 2,051,320	0	742,359	742,359	67,610	11/15/2029 .	1FE
010230-DN-0	UF 7.73 11/13/2029		J4/21/2020	FIFTH THIRD SECURITIES		2,130,013	1,313,000	2, 120,000	2,034,033		(0,010)		(0,010)	02,031,020					11/13/2029 .	
37331N-AK-7	GEORGIA-PACIFIC LLC	0	06/10/2020	INC		1,960,041	1,915,000	1,912,625	0	0	25	0	25	01,912,650	0	47.391	47,391	5. 139	04/30/2030 .	1FE
38141E-A6-6	GOLDMAN SACHS GROUP INC		06/15/2020	MATURITY		10,000,000	10,000,000	10,713,300	10,043,951	0	(43,951)	0	(43,951)	010,000,000	0	0	0	300,000	06/15/2020 .	
				SINKING FUND REDEMPTION																
39278*-AA-1	GREEN COUNTRY ENERGY LLC PRVT	.	05/10/2020			21,918	21,918	21,918	21,918	0	0	0	0	021,918	0	0	0	790	02/10/2024 .	5FE
00040# 44 0	ODIDELEY OF JEDATION II O		00 (00 (0000	SINKING FUND REDEMPTION		754 055	754 055	754 055	754 055				0	754 055			0	40.005	40 (04 (0000	ODI
			06/30/2020 06/01/2020	MBS PAYDOWN			751,855 . 6,488	751,855 6,268	751,855 6,526	0	(38)		(38)	0751,855 0 6.488	0			19,385	12/31/2030 . 09/25/2037 .	
404020-00-0	TIALO_07-2 AFO	-	00/01/2020	MORGAN STANLEY & CO.		0,400	0,400	0,200	0,320		(30)		(30)	00,400						
406216-BA-8	HALLIBURTON CO		04/21/2020	INC.		8,022,200	10,000,000	9,949,400	9,957,256	0	360	0	360	09,957,616	0	(1,935,416)	(1,935,416)	197,500	11/15/2041 .	2FE
41161P-LG-6			06/01/2020	INTEREST ONLY PAYMENT		0	0	38 , 187	5,733	0	(5,733)	0	(5,733)	00	0	0	0	13, 163	03/19/2035 .	
41165A-AB-8	HVMLT_07-5		06/19/2020	MBS PAYDOWN		126,116	126,116	112,874	125,299	0	817	0	817	0126,116	0	0	0	794	09/19/2037 .	1FM
428040-CN-7			04/28/2020	SUMRIDGE PARTNERS		58,988	195,000	195,000	195,000	0	0	0	0	0195,000	0	(136,013)	(136,013)	6,602	10/15/2022 .	
42809H-AD-9	HESS CORP		06/24/2020	VARIOUS		7,701,211	8,118,000	8,061,499	8,070,259	0	477	0	477	08,070,735	0	(369,525)	(369,525)	352,286	02/15/2041 .	3FE
42809H-AG-2	HESS CORP		06/03/2020	NORGAN STANLEY & CO.		5, 113,750	5,000,000	4,550,000	0	0	4,658	0	4,658	04,554,658	0	559,092	559,092	38,222	04/01/2027 .	3FE
437076-AT-9			06/15/2020	CORPORATE ACTION		5.000.000	5.000,000	5,011,050	5.000.754	0	(702)		(702)	05.000.052	0	(52)	(52)	148, 125	09/15/2020 .	
	TIONE DELOT THO		JO/ 10/ LULU	SINKING FUND REDEMPTION				,011,000			(102)		(102)	b,000,002		(02)	(02)		1.00/ 10/ 2020 1	
			05/31/2020			82,567	82,567		82,567	0	0	0	0	082,567	0	0	0	900	05/31/2033 .	2PL
			05/31/2020	VARIOUS		8,522	8,522	8,522	8,522	0	0	0	0	08,522		0	0	187	11/30/2032 .	
44416*-AF-3	HUDSON TRANSMISSION PARTNERS LLC	.	05/31/2020	VARIOUS		6,612	6,612	6,612	6,612	0	0	0	0	06,612	0	0	0	143	11/30/2032 .	2PL
44440* 10 4	LUDOON TRANSMISSION DIPTHERS II O		05 (00 (0000	SINKING FUND REDEMPTION		00.000	00.000	00.000	00.000				0	00.000			0	450	44 (00 (0000	ODI
44416*-AG-1 458140-AK-6			05/30/2020 04/08/2020	RBC CAPITAL MARKETS		39,380	39,380	39,380	39,380	0	699	0	699	039,380 014.976.080	0	4, 112,612	4, 112, 612	452 384.725	11/30/2032 .	
450140-AK-0			06/12/2020 06/12/2020	CORPORATE ACTION		5,664,736	5,246,000	6, 153, 739	5,551,688	0	244.138	0	244.138	05,795,826	0	(131,090)	(131,090)	324,596	08/15/2021 .	2FE
46185H-AA-0			06/17/2020	MBS PAYDOWN		19,440	19,440		0	0	2,065	0	2,065	019,440	0	0	0	41	06/17/2037 .	1FE
46185J-AA-6	IHSFR_18-SFR1		06/17/2020	MBS PAYDOWN		16,063	16,063	15,008	0	0	6,045	0	6,045	016,063	0	0	0	26	03/17/2037 .	1FE
46284P-AQ-7			06/29/2020	CORPORATE ACTION		1,402,500	1,375,000	1,375,000	1,375,000	0	27,500	0	27,500	01,402,500	0	0	0	71,958	08/15/2023 .	
46590U-AA-0			06/15/2020	MBS PAYDOWN		166,032	166,032	165,944	165,890	0	142		142	0166,032		0	0	2,690	10/15/2075 .	
46591D-AL-3			06/25/2020	INTEREST ONLY PAYMENT		0	0	300,045	55,666	0	(55,666)	.hō	(55,666)	00	0	0	0	71,061	10/25/2049 .	
46591D-AX-7 46591F-AC-8			06/01/2020 06/01/2020	MBS PAYDOWN		29,734	29,734 . 1,511,747 .	28,917	0 1,513,614	0	5	0		029,734 01,511,747	0	0	0	250	10/25/2049 .	IFE
	JPMMT 19-5		06/01/2020 06/01/2020	MBS PAYDOWN		1,511,747		10.321	9,658	u	(17)		(1,867)	01,511,747		0	o	23,706	11/25/2049 . 11/25/2049 .	1FM

					Show All Lo	ng-Term B	onds and Sto	ck Sold, Red	<u>deemed o</u> r (												
1	2	3	4	5	6	7	8	9	10		nange In Bo	ok/Adjusted	Carrying Va	alue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	t Value	/Adjusted	Value at	Gain	Gain	<b>Total Gain</b>	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)			` 13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
46591H-AA-8	CHASE 19-CL1		06/25/2020 .	MBS PAYDOWN		487,323	487,323	487,323	487,323	0	0	0	0	0	487,323	0	0	0	5,463	04/25/2047	1FE
	JPMMT_19-8		06/01/2020 .	MBS PAYDOWN		598,035	598,035	605,791	598,344	0	(309)		(309		598,035	0	0	0	8,075	03/25/2050	1FM
46591K-BA-0			06/25/2020 .	INTEREST ONLY PAYMENT		0	0	240,271	68,481	0	(68,481)		(68,481		0	0	0	0	92,723	03/25/2050	1FE
46591L-BD-2	JPMMT_19-INV3		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	310,993	52,349	0	(52,349)	00	(52,349	0	0	0	0	0	64,727	. 05/25/2050	1FE
46591L-BH-3 46591L-BN-0	JPMMT_19-INV3		06/01/2020 .	INTEREST ONLY PAYMENT		194,618	194,618	193,402		0	(30,618)	0	(30,618	0	194,618	0	0	0	822	05/25/2050 05/25/2050	1FE
46591L-BP-5	JPMMT 19-1NV3		06/01/2020 .	INTEREST ONLY PAYMENT		٥		35,565			(8,041)		(8,041	)	n		0		7,715	05/25/2050	1FF
	JPMMT 19-INV3		06/01/2020 .	MBS PAYDOWN	• • • • • • • • • • • • • • • • • • • •	26,312	26,312	24,536	0	0	18		18	0		0	0	0	199	05/25/2050	1FE
46591N-BH-9	JPMMT_20-LTV1		06/01/2020 .	MBS PAYDOWN		503,843	503,843	511,794		0	(663)		(663	)	503,843	0	0	0	6,110	06/25/2050	1FE
	JPMMT_20-2		06/01/2020 .	MBS PAYDOWN		324,564	324,564	332,221	0	0	(421)		(421		324,564	0	0	0	2,878	07/25/2050	1FE
	JPMMT_20-2		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	132,821	ō	0	(17,568)		(17,568		0	0	0	0	15, 175	07/25/2050	1FE
	JPMMT_20-2	.	06/01/2020 .	MBS PAYDOWN		89,444	89,444	89,891	0	0	(1)		(1		89,444	0	ļ0	0	369	07/25/2050	.   (FE
46591T-BN-3 46591V-BD-0	JPMMT_20-2 JPMMT_20-INV1		06/01/2020 . 06/25/2020 .	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٥		12,149	0		(1,509)		(1,509		0	0	0	0	1,447 37,075	07/25/2050 08/25/2050	1FE
465964-AY-0	JPMMT 18-LTV1		06/01/2020 .	INTEREST ONLY PAYMENT			0	28,196	16.433	0	(16,433)		(16,433		0	0	0	0	11,789	04/25/2049	1FE
46620V-AA-2	HENDR 17-2A		06/15/2020	MBS PAYDOWN		102,685	102,685	102,639	102,566	0	119		119	,	102,685	0	0	0	1,491	09/15/2072	1FE
466247-LP-6	JPMMT_05-A1 3A1		06/01/2020 .	MBS PAYDOWN		23,734	23,734	24,542	23,911	0	(177)		(177	0	23,734	0	0	0	393	02/25/2035	1FM
46643B-AW-1	JPMMT_14-IVR3		06/01/2020 .	MBS PAYDOWN		263,257	263,257	258 , 485	0	0	122		122	0	263,257	0	0	0	844	09/25/2044	1FM
	JPMBB_14-C24		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	12,782	606	0	(606)		(606		0	0	0	0	1,071	11/15/2047	1FE
	JPMMT_17-3		06/01/2020 .	INTEREST ONLY PAYMENT MBS PAYDOWN				198,393	48,547 22.874	0	(48,547)		(48,547			0	0	0	35,797	08/26/2047 05/25/2047	1FE
	JPMDB 17-C7		06/01/2020 .	INTEREST ONLY PAYMENT		22,874	22,874	1,879	73		(1)		(1		22,874				354	10/15/2050	1FF
	JPMMT 18-4		06/01/2020 .	MBS PAYDOWN		26,656	26,656	26,073	0	0	7	0	7	0	26,656	0	0	0	155	10/15/2030	1FM
	JPMMT 18-5		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	109, 158	27,605	0	(27,605)	0	(27,605	)	0	0	0	0	15,282	10/25/2048	1FE
46649T-AN-6	JPMMT_18-3		06/01/2020 .	MBS PAYDOWN		41, 136	41, 136	40,236	0	0	10	0	10	0	41, 136	0	0	0	239	09/25/2048	1FM
46649Y-BG-9	JPMMT_18-9		06/01/2020 .	MBS PAYDOWN		22,625	22,625	22,894	22,635	0	(10)	0	(10	0	22,625	0	0	0	416	02/25/2049	. 1FM
46650H-AC-2	JPMMT_19-1 JPMMT_19-1		06/01/2020 .	MBS PAYDOWN		1,085,847	1,085,847	1,082,963	1,084,872	0	976	00	976	0	1,085,847	0	0	0	17,538	05/25/2049	1FM
46650H-AM-0 46650H-AV-0	JPMMT 19-1		06/25/2020 .	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٠		729,397	184,313	0	(184,313)		(184,313				0	0		05/25/2049 05/25/2049	. IFE
46650H-AW-8	JPMMT 19-1		06/01/2020 .	MBS PAYDOWN		17,496	17,496	17,890	17,507	0	(11)		(11		17,496	0	0		324	05/25/2049	1FM
46650M-BG-1	JPMMT 18-8		06/01/2020 .	MBS PAYDOWN		22, 176	22,176	23,551	22,220	0	(44)		(44		22, 176	0	0	0	388	01/25/2049	1FM
	JPMMT_19-LTV1		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	418,867	146,714	0	(146,714)	0	(146,714		0	0	0	0	160,920	06/25/2049	1FE
	JPMMT_19-LTV1		06/01/2020 .	MBS PAYDOWN		23,877	23,877	25,240	23,911	0	(34)		(34		23,877	0	0	0	483	06/25/2049	1FM
	JPMMT_19-LTV1		06/01/2020 .	MBS PAYDOWN		21,639	21,639	22,530	21,660	0	(21)		(21		21,639	0	0	0	438	06/25/2049	1FM
46650Q-AC-2 46650T-AC-6	JPMMT_19-3		06/01/2020 . 06/01/2020 .	MBS PAYDOWN		847 , 153 888 . 965			848,036 .890,139	0	(883)		(883		847, 153 888, 965	0 0	0	0	13,896	09/25/2049 08/25/2049	1FM
46650T-AX-0	JPMMT 19-2		06/01/2020 .	MBS PAYDOWN		9,666	9,666	900,077	9,683	n	(1,1/4)		(1, 1/4		9,666	n	n	0 n	14,653	08/25/2049	1FM
46650T-BE-1	JPMMT 19-2		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	252,572	103,345	0	(103,345)		(103,345		0	0	0	0	120,696	08/25/2049	1FE
46651A-AT-9	JPMMT_19-LTV2		06/01/2020 .	MBS PAYDOWN		717, 125	717, 125	733,261	717,670	0	(545)	00	(545	0	717, 125	0	0	0	11,211	12/25/2049	1FM
	JPMMT_19-LTV2		06/01/2020 .	MBS PAYDOWN		22,286	22,286	24,378	22,339	0	(54)		(54		22,286	0	0	0	439	12/25/2049	1FM
	JPMMT_19-LTV2		06/01/2020 .	MBS PAYDOWN		11, 143	11, 143	12,033	11, 165	0	(23)	0	(23	0	11, 143	0	0	0	220	12/25/2049	1FM
	JPMMT_19-6		06/01/2020 .	MBS PAYDOWN		1,461,208	1,461,208	1,454,101	217,091	0	431	0	431	0	1,461,208	0	0	0	9,050 760	12/25/2049	. 1FM
	JPMMT 19-1NV2		06/01/2020 .	MBS PAYDOWN		293, 152			293,318	0	(167)	0	(167	)		0	0	0	4.047	12/25/2049 02/25/2050	1FM
	JPMMT 19-INV2		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	758,339	211,234	0	(211,234)		(211, 234		0	0	0	0	212,023	09/25/2049	1FE
46651D-AR-7	JPMMT_19-INV2		06/01/2020 .	MBS PAYDOWN		655,745	655,745	658 , 147	293,262	0	(111)		(111		655,745	0	0	0	5,479	02/25/2050	1FE
46651D-AU-0	JPMMT_19-INV2		06/01/2020 .	INTEREST ONLY PAYMENT		0	0		19,887	0	(19,887)	00	(19,887		0	0	0	0	20,217	09/25/2049	1FE
46651D-AX-4	JPMMT_19-INV2		06/01/2020 .	INTEREST ONLY PAYMENT		0	0	52,924	14,626	0	(14,626)	ļ0	(14,626	0	0	0	0	0	14,901	09/25/2049	1FE
46651D-AZ-9 46651F-AS-0	JPMMT_19-INV2 JPMMT_19-HYB1	-	06/01/2020 . 06/01/2020 .	MBS PAYDOWN		19,083 10.494	19,083 10.494	17,682	0	0	6	ļ0	6	0	19,083		0	0	79 51	02/25/2050	. IFE
46651G-AC-3	JPMMT 19-7		06/01/2020 .	MBS PAYDOWN		1,216,808	1,216,808	1,232,018	1,217,411					, 0	1,216,808				16,464	10/25/2049 02/25/2050	1FM
46651G-AM-1	JPMMT 19-7		06/01/2020 .	INTEREST ONLY PAYMENT		1,210,000 N	1,210,000	350,213	1,217,411	0	(117,326)		(117,326		1,210,000	0	0		130,480	02/25/2050	1FE
46651G-AX-7	JPMMT_19-7		06/01/2020 .	INTEREST ONLY PAYMENT		0		29,401	7,240	0	(7,240)		(7,240		0	0	0	0	6,267	02/25/2050	1FE
46651H-AC-1	JPMMT_19-LTV3		06/01/2020 .	MBS PAYDOWN		466,794	466,794	472,993	481,287	0	(14,494)	00	(14,494	0	466,794	0	0	0	6,557	03/25/2050	1FM
46651H-BD-8	JPMMT_19-LTV3		06/25/2020 .	INTEREST ONLY PAYMENT		0	0	457 , 141	154,572	0	(154,572)		(154,572		0	0	0	0	157,201	03/25/2050	1FE
	JPMMT_19-LTV3		06/01/2020 .	INTEREST ONLY PAYMENT		0	ō	58,923	14,999	0	(14,999)		(14,999		0	0	0	0	15,449	03/25/2050	1FE
	JPMMT_19-LTV3 JPMMT_19-LTV3		06/01/2020 . 06/01/2020 .	INTEREST ONLY PAYMENT MBS PAYDOWN	•		0 15.705		12,716	0	(12,716)		(12,716		0 15.705	ō	0	0	10,884 296	03/25/2050 03/25/2050	1FE
4000 IT-BU-9	UF MINIT_ IOTLIVO	1	100/01/2020	וווטט דאוטטוווו				1/,005	J10, / 4U	L	L(35)	, L	1(35	, <sub> </sub> ,		LU	LU	LU	∠96		IFM

					Show All Lo	ng-Term Bo	onds and Stoo	ck Sold, Red	deemed or C	Otherwise	Disposed of	of During th	he Current (	Quarter							
1	2	3	4	5	6	7	8	9	10	Cl	nange In Bo	ok/Adjusted	Carrying Valu	ue	16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's		Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	1	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized		Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For- [	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eian	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	JPMMT 19-LTV3	- 3	06/01/2020	MBS PAYDOWN	Otook	8, 197	8, 197	8,781	8.212	(Decircuse)	(15)		(15)	value n	8.197	Diopodai	Diopoddi	Diopodai	154	03/25/2050	1FM
	HENDR 18-1A		06/15/2020	MBS PAYDOWN		91,324			91, 183	0	141	0	141	0	91,324	0	0	0	1,308	10/17/2072	1FE
			06/01/2020	MBS PAYDOWN		3,310	3,310	3,353	0	0	(1)	0	(1)	0	3,310	0	0	0	11	06/25/2050	1FE
			06/01/2020	MBS PAYDOWN		109,435	109,435	106,700	0	0	52	0	52	0	109,435	0	0	0	631	05/25/2050	1FM
46651Y-AE-0			06/01/2020	INTEREST ONLY PAYMENT		0		46,959	8,561	0	(8,561)	0	(8,561)	0	0	0	0	0	7,943	05/25/2050	1FE
46651Y-BC-3 46651Y-BN-9			06/25/2020 06/01/2020	INTEREST ONLY PAYMENT		0	0	210,319	59,350	0	(59,350)	0	(59, 350)	0	0	0	0	0		05/25/2050	1FE
			05/15/2020 05/15/2020	VARIOUS		1,271,697	1,406,697	21,557	4,236 1,406,697		(4,236)	0	(4,236)		1,406,697	0	(135,000)	(135,000)		05/25/2050 05/15/2032	1FE
			03/31/2020	PRIOR YEAR INCOME			1,400,037	0 (100,007	0	0	0	0	0	 n		0	(155,500)	(100,000)	216	03/13/2032	
			0., 2020	J.P. MORGAN SECURITIES,						[						[		[			
			06/17/2020	INC.		2,898,750	3,000,000	2,870,625	0	0	2,732	0	2,732	0	2,873,357	0	25,393	25,393	8,359	03/15/2037	1FE
			04/24/2020	PRIVATE DIRECT		853,644	845, 192	845, 192	845, 192	0	8,452	0	8,452	0	853,644	0	0	0	10,770	04/16/2025	1FE
			04/24/2020	PRIVATE DIRECT		1,878,016	1,859,422	1,859,422	1,859,422	0	18,594	0	18,594	0	1,878,016	0	0	0	20,660	04/16/2021	1FE
			04/24/2020	PRIVATE DIRECT		1,536,558	1,521,345	1,521,345	1,521,345	0	15,213	0	15,213	0	1,536,558	0	0	0	18,858	04/16/2023	1FE
4806 IE-A#-5	KAYNE ANDERSON KYE FUND		04/24/2020	PRIVATE DIRECT		240,478	238,097	238,097	240,478	0	0	0		0	240,478	0	0	0	6, 111	03/22/2022	1FE
/0725V_AR_8	KIOWA POWER PARTNERS LLC 144A		06/30/2020	STINKTING FUND NEDEMIFTTON		121.088	121,088	122,952	121,270	0	(182)	0	(182)	0	121.088	0	0	0	3,473	03/30/2021	2EE
	NOW FOREST FAITHER DEC 1440		JO, GO, EGEG	BANK OF AMERICA							(102)		(102)						, 470		
50077L-AL-0	KRAFT HEINZ FOODS CO		05/20/2020	SECURITIES LLC		7,401,250	7,000,000	6,933,430	6,943,302	0	934	0	934	0	6,944,237	0	457,013	457,013	295,417	07/15/2035	3FE
	LCSS_2018-A		06/15/2020	MBS PAYDOWN		84,740	84,740	84,740	84,740	0	0	0	0	0	84,740	0	0	0	1,653	12/15/2062	
50550#-AA-3	LACKAWANNA ENERGY CENTER LLC		06/30/2020	VARIOUS		60,000	60,000	60,000	60,000	0	0	0	0	0	60,000	0	0	0	2,617	03/31/2024	. 3
F0700U AF 0	LAGO DECORT & GAGING LLO. TI	,	00 (00 (0000	SINKING FUND REDEMPTION		04 000	04 000	00, 400	00.040				00	0	04 000				4 040	00 (07 (0000	cee
	LAGO RESORT & CASINO LLC - TL		06/30/2020 05/25/2020	MBS PAYDOWN		21,000	21,000 . 117,346 .	20,428	20,918			0	82(3,390)	0	21,000				1,010 445	03/07/2022 11/25/2042	1FE
			05/25/2020	VARIOUS		184,676	184,676	184,627	184,239		437	0	(3,390)	0	184.676	0	0	0	2,610	11/23/2042	1FE
			06/25/2020	INTEREST ONLY PAYMENT		0	0	2,566	(637)	0	637	0	637	0	0	0	0	0	1,061	10/25/2036	5G1
			06/25/2020	INTEREST ONLY PAYMENT		0	0	552	(69)	0	69	0	69	0	0	0	0	0	190	10/25/2036	5G1
52520R-AF-9			06/25/2020	INTEREST ONLY PAYMENT		0	0 .	10,441	441	0	(441)	0	(441)	0	Ω	0	0	0	4,822	08/25/2036	6FE
			06/25/2020	MBS PAYDOWN		0	1,117	128	6	0	(6)	0	(6)	0	0	0	0	0	8	. 09/25/2036	. 1FM
52521F-AG-2 52521J-AQ-2	LMT_07-3 24A LMT_07-3 1A6		06/25/2020 05/25/2020	INTEREST ONLY PAYMENT INTEREST ONLY PAYMENT		٠		425	لا		0	0			U				296	02/25/2037 03/25/2037	. 501 501
525218-AR-2			06/25/2020	INTEREST ONLY PAYMENT			0	9.591	0	0	0	0	0	0	0	0	0	0	6. 153	06/25/2037	6FF
			05/01/2020	MATURITY		755,000	755,000	755,000	755,000	0	0	0	0	0	755,000	0	0	0	25,009	.05/01/2020	3FE.
53079E-AE-4			05/07/2020	CORPORATE ACTION		9,515,652	6,900,000	7,817,639	7,625,443	0	(12, 157)	0	(12, 157)	0	7,613,286	0	1,902,366	1,902,366	311,267	03/15/2034	2FE
	LFRF-2015-1		04/30/2020	VARIOUS		564,466	564,466	564,466	564,466	0	0	0	0	0	564,466	0	0	0	16,242	10/30/2027	1PL
55265K-3T-4	MAST_03-12	.    0	06/01/2020	MBS PAYDOWN		18,698	18,698	19,843	18,784	0	(86)	0	(86)	0	18,698	0	0	0	339	12/25/2033	1FM
55279H-AK-6	MANUFACTURERS AND TRADERS TRUST CO		05/14/2020	MITSUBISHI UFJ SECURITIES		7,429,240	7,000,000	6,992,160	6,995,722	_	298	0	298	Λ.	6.996.020	_	433.220	433,220	159,017	02/06/2025	1FF
	MLCFC 07-5 X		06/01/2020 06/01/2020	INTEREST ONLY PAYMENT		1,429,240 N	7,000,000	ກ, ສອຊ , 160 ກ	ე, უუე, /22	n	298	n	298	 n	ე, უუი, ი20	n	400,220 N	433,220 N	109,017	08/12/2048	6FE
			06/17/2020	CORPORATE ACTION		1,373,871	1,325,000	1,325,000	1,325,000	0	48.871	0	48.871	0	1,373,871	0	0	0		08/15/2025	
				SINKING FUND REDEMPTION						1			[								
			03/31/2020			476	476	475	476	0	0	0	ļ0 ļ.	0	476	0	0	0	7	07/31/2023	. 3PL
571748-BK-7			04/16/2020	SANTANDER INVESTMENT		5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	0	0	5,000,000	0	0	0	47,812	12/29/2021	. 1FE
	MARTIN MARIETTA MATERIALS INC MALT_05-1 2A1		06/10/2020 06/01/2020	SEAPORT GROUP		1,977,880	2,000,000 . 52,104	1,977,280	0 52, 138	0	478	0	478(34)	0	1,977,758 52,104	0	122	122	11,944	03/15/2030 02/25/2035	. 2FE
576434-ZR-8			06/01/2020 06/01/2020	MBS PAYDOWN		448		460	439	0	9	0	9			0		 n	1,330	07/25/2020	1FM
57643M-MM-3			06/25/2020	MBS PAYDOWN		198,317	198,405	59,781	196,617	0	1,700	0	1,700	0	198,317	0	0	0	1,520	05/25/2036	1FM
577081-AU-6	MATTEL INC		06/16/2020	VARIOUS		8,754,375	10,000,000	8,399,721	8,463,892	0	27,005	0	27,005	0	8,490,898	0	263,477	263,477	439,864	10/01/2040	4FE
585499-AA-4			06/01/2020	MBS PAYDOWN		1,033,533	1,033,533	1,042,629	1,035,411	0	(1,878)	0	(1,878)	0	1,033,533	0	0	0	18,665	10/25/2048	. 1FM
585499-AJ-5	MELLO_18-MTG2		06/01/2020	MBS PAYDOWN		47,935	47,935	48,773	0	ļ0	(13)	0	(13)	0	47,935	0	0	0	355	10/25/2048	.   1FM
FOODOV A L 4	MEDOL CHARD & DOUBLE CORD		04 (00 (0000	JEFFERIES & COMPANY,		10,000,000	0.000.000	7 075 500	7 070 040		4.47	_	147	_	7 070 700	_	0.004.500	0.004.500	100 111	05/40/00/0	100
58933Y-AJ-4 589929-2M-9			04/06/2020 06/25/2020	INC. MBS PAYDOWN		10,000,320	8,000,000 . 1,173	7,975,520 1,173	7,978,643	0	147	0	147 0	0 n	7,978,790 1.173	0	2,021,530	2,021,530	129,111	05/18/2043 10/25/2028	1FE
589929-ZM-9 589929-K5-6			06/25/2020 06/25/2020	MBS PAYDOWN		4.746	4.746	4.746	4.746	n	n	n	0	n	4.746	n	n	n		10/25/2028	
59020U-NZ-4			06/25/2020	MBS PAYDOWN		540	540	540	540	0	0	0		0	540	0	0	0	4	01/25/2030	1FM
				SINKING FUND REDEMPTION																	
	META SPECIAL AEROSPACE LLC		06/14/2020			28 , 125	28,125	27,984	28,062	0	63	0	63	0	28 , 125	0	0	0	789	11/16/2022	. 2PL
59100H-AH-0	META SPECIAL AEROSPACE LLC		06/30/2020	VARIOUS		6,250	6,250	6,227	0	0	(34)	0	(34)	0	6,250	0	0	l0	276	11/16/2022	.   2PL

					Show All Lo	ng-Term Bo	onds and Stoo	ck Sold, Red	deemed or (	Otherwise I	Disposed (	of During t	he Curren	t Quarter							
1	2	3	4	5	6	7	8	9	10			ok/Adjusted			16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in						Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized		Temporary	,	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairmen	t Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eian	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)			13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
59980C-AF-0			04/01/2020	MBS PAYDOWN	SIUCK	836		816		(Decrease)	Accretion	nizeu	13)		836	Disposai	Dispusai	Dispusai	ı cai	01/25/2061 .	1FM
	MCMLT_17-3 MCSLT_19-2GS		06/20/2020	MBS PAYDOWN		113,689	113,689	113,681	113,463		226	0	226		113,689				1,728	07/20/2043 .	
	WOE1_10 E00		, , , , , , , , , , , , , , , , , , ,	SINKING FUND REDEMPTION															1,720		
60040#-AA-0	MILLENNIUM PIPELINE CO LLC PRVT		06/30/2020			349,263	349,263	349,263	349,263	0	0	0	0	0	349,263	0	0	0	4,654	06/30/2027 .	1PL
				SINKING FUND REDEMPTION																	
60040#-AB-8	MILLENNIUM PIPELINE CO LLC PRVT		06/30/2020			183, 180	183, 180	183, 180	183, 180	0	0	0	0	0	183, 180	0	0	0	5,495	06/30/2032 .	
61754J-AH-1	MSC_07-T27 AJ		06/01/2020	MBS PAYDOWN		89,888		84,897	89,784	0	103	0	103			0	0	0	2,273	06/11/2042 .	
61913P-AP-7 61915R-BC-9			06/25/2020 06/25/2020	MBS PAYDOWN		5,546 7.518	5,546 6,276	5,546 2,487	5,546 7,216	ļ	0	0			5,546 7.518	0	0	······	46	02/25/2035 .	
	MRAIC 19-2A		06/25/2020 06/20/2020	MBS PAYDOWN		405,376		405,238		0							n	u	4,757	09/20/2040 .	
			06/20/2020	MBS PAYDOWN		251,001	251,001	250,917	250.446	0	555	0	555		251.001	0	0	n	4,535	12/21/2043 .	
	MSAIC_18-1A		06/20/2020	MBS PAYDOWN		213,975	213,975	213,964	213,490	0	485	0	485		213,975	0	0	0	3,559	06/22/2043 .	
	MSAIC_18-2GS		06/20/2020	MBS PAYDOWN		75,698	75,698	75,685	75,506	0	191	0	191	0	75,698	0	0	0	1,328	02/22/2044 .	
1				SINKING FUND REDEMPTION						1									1		
62927#-AD-8	NFL VENTURES LP		04/15/2020	OTHER PROPERTY.			898,362	898,362	898,362	0	0	0	0	0	898,362	0	0	0	12,712	03/31/2024 .	1FE
	NO. 101 D 1100 11 0	1 1.	00/45/0000	SINKING FUND REDEMPTION		040.070	040.070	040.070	040.070						040.070				0.000	10 (15 (0005	055
			06/15/2020 06/30/2020	VARIOUS		213,978	213,978 157,490	213,978	213,978		0	0	0	0	213,978 157,490	0	0		8,292 5,779	12/15/2025 . 06/30/2027 .	
	NCAMT 06-ALT1 AF3		06/01/2020	MBS PAYDOWN		56,675		56,680			16	0	16	0		0		0		07/25/2036 .	
64828G-AH-3			06/01/2020	INTEREST ONLY PAYMENT		0	0	73,084	14,973	0	(14,973)	0	(14,973	) 0	0	0	0	0	13,099	09/25/2059 .	
64830B-AZ-0			06/01/2020	MBS PAYDOWN		20,457	20,457	19,536	0	0	4	0	4	0	20,457	0	0	0	102	08/27/2057 .	1FM
64830E-AF-8			06/01/2020	. INTEREST ONLY PAYMENT		0	0	350 , 138	47,043	0	(47,043)		(47,043		0	0	0	0	68,643	11/25/2058 .	1FE
64830E-AM-3			06/01/2020	. INTEREST ONLY PAYMENT		0	0	7 , 470	369	0	(369)		(369		0	0	0	0	634	11/25/2058 .	1FE
64830E-AW-1	NRZT_19-3A		06/01/2020	. INTEREST ONLY PAYMENT		0	0	3,352	178	0	(178)		(178		0	0	0	0	297	11/25/2058 .	
64830E-BF-7	NRZT_19-3A		06/01/2020	. INTEREST ONLY PAYMENT MORGAN STANLEY & CO.		0		1 , 198	76	0	(76)	0	(76	)  0	0	0	0	0	130	11/25/2058 .	2FE
651290-AP-3	NEWFIELD EXPLORATION COMPANY	1 1	05/08/2020	INC.		3,416,375	3,775,000	3,773,339	3.774.997	0	1	0	1	0	3,774,997	0	(358,622)	(358,622)	170,032	01/30/2022 .	2FE
655044-AE-5	NOBLE ENERGY INC		05/08/2020	VARIOUS		8.037.500	10.000.000	9,933,600	9.943.163	0	336	0	336	0	9.943.499	0	(1,905,999)	(1,905,999)	407,833	.03/01/2041	
				MIZUHO SECURITIES USA			, ,								, , , , ,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,	,		
655044-AH-8	NOBLE ENERGY INC		04/30/2020	. INC		2,680,770	3,000,000	2,990,850	2,995,121	0	312	0	312		2,995,433	0	(314,663)	(314,663)	54,925	11/15/2024 .	
655844-BV-9	NORFOLK SOUTHERN CORP		04/06/2020	US BANCORP		32,954,678	30,546,000	24,533,310	24,719,863	0	22,296	0	22,296	0	24,742,159	0	8,212,518	8,212,518	800 , 125	08/15/2052 .	2FE
050401 44 0	MODELL CARCALINA ELECTRICA MEMBERGALIR	1 .	00 /45 /0000	SINKING FUND REDEMPTION		000 000	000 000	005 440	005 440		0.004		0.004		000 000				4 504	40 /45 /0040	_
65819#-AA-8	NORTH CAROLINA ELECTRIC MEMBERSHIP		06/15/2020	MBS PAYDOWN		298,333	298,333	295,112	295, 112		3,221	0	3,221		298,333	0	0	0	4,594	12/15/2046 .	1 1FF
67098A-AC-3 67112F-AM-2	0BX 18-1		06/01/2020 06/01/2020	VARIOUS			621,204 33,784	630,779		n	(848)		(848			0	n	n	11, 131	11/25/2048 . 06/25/2057 .	
67112V-AM-7	0BX 19-INV2		06/25/2020	INTEREST ONLY PAYMENT		0	0	431,368	111,516	0	(111,516)		(111,516		0	0	0	0	121,997	05/27/2049 .	1FE
67112V-BB-0	0BX_19-INV2		06/01/2020	MBS PAYDOWN		660,988	660,988	675,384	661,952	0	(964)		(964		660,988	0	0	0	10,528	05/27/2049 .	
67113A-AQ-3	0BX_19-EXP3		06/01/2020	MBS PAYDOWN		131,487	131,487	132,385	131,741	0	(254)		(254		131,487	0	0	0	1,988	10/25/2059 .	1FM
	0BX_19-EXP3		06/01/2020	. MBS PAYDOWN		12,972	12,972	11,805	0	0	15	0	15		12,972	0	0	0	106	10/25/2059 .	1FM
	0BX_19-EXP3		06/01/2020	MBS PAYDOWN		21,620	21,620	18,864	ō	F0	34	ō	34		21,620	0	0	0	177	10/25/2059 .	
67113C-AE-6 67113C-AM-8			06/01/2020 06/25/2020	MBS PAYDOWN		496,960	496,960 . 0	508,220	0	ļ	(1,099)		(1,099		496,960	0	0	0	5,498 91.851	05/25/2049 . 05/25/2049 .	1FE 1FF
	0BX 19-EXP2		06/25/2020 06/01/2020	MBS PAYDOWN				456 . 429	448.991	n	(72,083)		(72,083		447.791		n	n	7,497	05/25/2049 .	
	QBX_19=EXP1		06/01/2020	MBS PAYDOWN		404,579	404,579	407,738	405,213	0	(633)		(633		404.579	0	0	0	7,006	01/25/2059 .	
				J.P. MORGAN SECURITIES,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			[			,	,0.0				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
674599-CX-1	OCCIDENTAL PETROLEUM CORPORATION		06/08/2020	. INC		2,406,250	3,500,000	3,481,835	3,482,089	0	267	0	267	0	3,482,356	0	(1,076,106)	(1,076,106)	126,253	08/15/2039 .	
67773#-AE-0			06/15/2020	VARIOUS		1,997,199	2,001,843	2,001,753	2,001,753	0	0	0	0	0	2,001,753	0	(4,554)	(4,554)	61,497	12/15/2025 .	
67773#-AF-7	OHIO VALLEY ELECTRIC CORP PRVT		06/23/2020	VARIOUS		502,948	504, 120	504,120	504,119	Fō	(2)	ō	(2	)  0	504, 117	0	(1,169)	(1,169)	15,487	12/15/2025 .	
67773#-AG-5	OHIO VALLEY ELECTRIC CORP PRVT	5	06/23/2020	VARIOUS		506,957	508,136	508 , 136	508, 136	l	0	0	l	0	508, 136	0	(1,179)	(1,179)	30,601	12/15/2025 .	J
68246U-AB-0	1A SMART START LLC		06/30/2020	OTHINITION ON DEDENIFITUR		13,524	13,524	13,524	13,524	0	0	n	1	n	13,524	n	0	n	402	02/21/2022 .	4
			06/25/2020	MBS PAYDOWN		2, 180	2, 180	2, 134	2, 164	12	4	0	16	0	2.180	0	0	n	31	01/25/2034 .	
			0, _0_0	BANK OF AMERICA																	
69351U-AH-6	PPL ELECTRIC UTILITIES CORP		04/15/2020	SECURITIES LLC		3,461,793	2,290,000	2,980,824	2,920,704	0	(7, 183)	0	(7, 183	0	2,913,521	0	548,272	548,272	99,291	08/15/2037 .	1FE
				SINKING FUND REDEMPTION									1								
69359B-AB-3	PHI INC		06/30/2020			32,007	32,007	31,336	31,987	0	20	0	20		32,007	0	0	0	869	08/30/2024 .	
693684-AA-0			06/01/2020	MBS PAYDOWN			829,091	847,616	0	ō	(1,266)		(1,266		829,091	0	0	0	9,943	01/25/2050 .	
69372X-AA-0	POING 19-1	1	06/01/2020	MBS PAYDOWN		868.324	868.324	887.861	871.474	. 0	(3, 150)		(3, 150	11 0	868.324	0	. 0	. 0	14.368	07/25/2049 .	1 II-M

					Show All Lo	ng-Term Bo	onds and Stoo	ck Sold, Red	deemed or 0	Otherwise I	Disposed (	of During tl	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10			ok/Adjusted			16	17	18	19	20	21	22
										11	12	13	14	15							l l
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eian		of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
69374J-AA-9		Cigii	06/01/2020 .	MBS PAYDOWN	Otock	600,560	600.560	599.153	600.027	(Decrease)	533	n	533	Value	600.560	Лороза	Лорозаг	Disposar	9,929	08/25/2048 .	1FM
69374K-AA-6			06/01/2020 .	MBS PAYDOWN		748,848	748,848	740,072	746,511	0	2,336	0	2,336	0	748,848	0	0	0	12,481	11/25/2048 .	1FM
69374X-AA-8			06/01/2020 .	MBS PAYDOWN		1,085,079	1,085,079	1, 106, 781	1,086,954	0	(1,875)	0	(1,875)	0	1,085,079	0	0	0	15,437	10/25/2049	1FM
	_			SINKING FUND REDEMPTION																	
723133-AA-2	PINELAWN DEPOSITOR CORP 144A		06/30/2020 .			432,409	432,410	430,570	430,206	0	2,204	0	2,204	0	432,409	0	0	0	3,305	06/30/2025 .	
72650R-BM-3	PLAINS ALL AMERICAN PIPELINE LP		05/27/2020 .	. BARCLAYS CAPITAL INC		6,575,648	7,400,000	7,366,018	7,366,554	0	721	0	721	0	7,367,275	0	(791,627)	(791,627)	180,675	12/15/2029 .	3FE
74160M-EV-0 74160M-GP-1	PRIME_04-1 1A7 PRIME_05-1 1A6		06/25/2020 . 06/25/2020 .	MBS PAYDOWN		1,804 3,947	1,804 3,947	1,401 3,444	1,806	0	(2)	0	(2)		1,804	0	0	0	14	08/25/2034 .	1FM 1FM
	PROSE 19-1A		04/30/2020 .	MBS PAYDOWN		8,733		8,733	8,733	n	03	n	0		8.733	n	n	n	195	03/25/2035 . 07/30/2049 .	
743874-AC-3	PFMT_20-1-1		06/01/2020 .	MBS PAYDOWN		273, 169	273, 169	277,054	0,733	0	(259)	0	(259)		273, 169	0	0		2,406	02/25/2050 .	
			04/24/2020 .	BARCLAYS CAPITAL INC		321,563	735,000	770,850	740,607	0	(1,524)	0	(1,524)		739,082	0	(417,520)	(417,520)	33,266	03/01/2021 .	
				BANK OF AMERICA							1						1	1			
74733V-AB-6	QEP RESOURCES INC		05/05/2020 .	SECURITIES LLC		989,000	2, 150,000	2, 150,000	2, 150,000	0	0	0	0	0	2, 150,000	0	(1,161,000)	(1,161,000)	69,338	10/01/2022 .	4FE
747007 40 0	OFD DECOUDERS INC		05 /05 /0000	BANK OF AMERICA		470 005	450,000	450,000	450.000			_	1		450,000	_	(070, 075)	(070, 075)	47.007	00/04/0000	455
74733V-AD-2 74922G-AK-0	QEP RESOURCES INC		05/05/2020 .	SECURITIES LLC		176,625	450,000 12,252	450,000	450,000 8,185	0	9		0	0	450,000 8,194	0	(273,375)	(273,375)	17,297	03/01/2026 . 11/25/2036 .	
	RALI 06-QS18 2A1		06/25/2020 .	MBS PAYDOWN		11.055	23,089	16,003	11.061					0	11.055	0			170	12/25/2036 .	
			06/01/2020 .	MBS PAYDOWN		3,078	9,769	9,719	2,055	0	1,023	0	1,023	0	3.078	0	0	0	180	04/25/2035 .	
	RCKT 19-1		06/01/2020 .	MBS PAYDOWN			709,249	720,221	710,145	0	(896)	0	(896)	0	709,249	0	0	0	9,711	09/25/2049 .	
749389-AA-0			06/01/2020 .	MBS PAYDOWN		247,051	247,051	249,792	0	0	(354)	0	(354)	0	247,051	0	0	0	1,883	02/25/2050 .	1FE
			06/25/2020 .	MBS PAYDOWN		4,578	9,329	6,927	4,582	0	(4)	0	(4)	0	4,578	0	0	0	63	04/25/2037 .	1FM
75281A-BA-6	RANGE RESOURCES CORP		04/09/2020 .	. PRIOR YEAR INCOME		0	0	0	0	0	0	0	0	0	0	0	0	0	(20,750)	03/15/2023 .	3FE
	RENEWABLE POWER GENERATION LLC		03/31/2020 .	VARIOUS		0	0	0	0	0	0	0	0	0	0	0	0	0	11,584	03/31/2035 .	2PL
759950-FG-8 759950-GB-8			06/01/2020 . 06/01/2020 .	MBS PAYDOWN		22,977	22,977 52,187	22,977	22,971	0		0		0	22,977	0	0		714	05/25/2035 . 02/25/2036 .	IFM
76110H-2X-6	RALI 05-QS5 A1		06/25/2020 .	MBS PAYDOWN		13,225	14,670	12,618	13, 189	0	36	0	36	0	13,225	0	0	0	101	04/25/2035 .	1FM
761118-JH-2	RALI 05-QS14 2A1		06/01/2020 .	MBS PAYDOWN		6,325	8,952	6,706	6,351	0	(26)	0	(26)	0	6,325	0	0	0	211	09/25/2035 .	1FM
761118-NP-9	RALI_05-Q04 2A2		06/25/2020 .	MBS PAYDOWN		2,403	2,335	276	1,750	0	653	0	653	0	2,403	0	0	0	17	12/25/2045 .	1FM
761118-VY-1	RALI_06-Q02 A1		06/25/2020 .	MBS PAYDOWN		9,975	9,975	9,611	9,837	0	138	0	138	0	9,975	0	0	0	76	02/25/2046 .	
76112B-ES-5	RAAC_04-SP3 AII		06/25/2020 .	MBS PAYDOWN		30,611	30,611	30,611	30,611	0	0	0	0	0	30,611	0	0	0	258	09/25/2034 .	1FM
775371-AU-1	ROHM AND HAAS COMPANY		05/12/2020	DEUTSCHE BANK SECURITIES, INC.		134, 188	100.000	130,858	123.067		(714)		(714)		122.353		11.836	11.836	6.520	. 07/15/2029	455
//53/1-AU-1	RUTHI AND TAAS CUMPAINT		05/12/2020	SINKING FUND REDEMPTION		134, 188	100,000	130,838	123,067	0	(714)		(714)		122,333		11,830	11,830			4FE
781172-AB-7	RUBY PIPELINE LLC		04/01/2020 .	STREETING FORD FIEDERIN FROM		742,053	742,053	766,321	750.706	0	(8,653)	0	(8,653)	0	742.053	0	0	0	24, 117	04/01/2022 .	3FE
				SINKING FUND REDEMPTION							(0,000)		(0,000)								0. 2
78423X-AB-8	SH130 CONCESSION CO LLC		06/27/2020 .			31,775	31,775	31,789	31,775	0	0	0	0	0	31,775	0	0	0	536	06/30/2022 .	2FE
				SINKING FUND REDEMPTION																	
	EDUCATION SOLUTIONS SERVICES		06/30/2020 .	LIDO DI VIDOUNI		23,250	23,250	22,901	23,228	0	22	0	22	0	23,250	0	0	0	612	10/15/2024 .	
78445X-AA-4 78471C-AB-5			06/25/2020 .	MBS PAYDOWN		485	485	486	486	0	(1)		(1)		485	0	ļ	}ō	3	03/25/2025 . 09/25/2040 .	
80589M-AB-8			04/01/2020 .	MATURITY		3,000,000	3,000,000	2,989,678	2,999,702		(3,023)	0	(3,623)	0	3,000,000	0	0	0	93,750	04/01/2020 .	
			06/01/2020	MBS PAYDOWN		187.750	187.750	190.097	187.898	0	(148)	0	(148)	0	187.750	0	0	0	2,632	12/25/2049	
			06/20/2020 .	MBS PAYDOWN		7,017	7,017	6,535	7,013	0	4	0	4	0	7,017	0	0	0	61	04/20/2033 .	
81743P-BH-8			06/20/2020 .	MBS PAYDOWN		1,420	1,420	1,384	1,421	0	(1)	0	(1)	0	1,420	0	0	0	11	07/20/2033 .	1FM
81744F-DV-6			06/20/2020 .	MBS PAYDOWN		2,429	2,429	2,430	2,434	0	(5)	0	(5)	0	2,429	0	0	0	21	10/20/2034 .	1FM
81744F-EV-5	SEMT_04-10 A2		06/20/2020 .	MBS PAYDOWN		5,963	5,963	5,963	5,963	0	0	0	0	0	5,963	0	0	0	48	11/20/2034 .	1FM
81745D-AE-1 81745X-AU-1	SEMT_13-9 SEMT_17-4		06/01/2020 .	MBS PAYDOWN		391, 114	391,114 98.256	398 , 142	391,613	0	(499)	ļ0	(499)	·  0	391, 114	0	ļō	}ō	5,740	07/25/2043 . 07/25/2047 .	IFM
81745X-AU-1	SEMT 17-5		06/01/2020 .	MBS PAYDOWN		98,256		100.966	n	0 n	120	n	120	0 n	98,250	u	u		675	08/25/2047 .	1FM
81746H-AA-9	SEMT 17-CH1		06/01/2020 .	MBS PAYDOWN		357,389	357,389	366,934	358,439	0	(1,049)	0	(1,049)	0	357,389	0	0	0	5,691	10/25/2047 .	1FM.
81746Y-AA-2	SEMT_19-2	.	06/01/2020 .	MBS PAYDOWN		1,662,866	1,662,866	1,694,564	1,667,098	0	(4,232)	0	(4,232)		1,662,866	0	0		27,532	06/25/2049 .	1FM
81747A-AA-3	SEMT_19-1		06/01/2020 .	MBS PAYDOWN		1,482,249	1,482,249	1,485,260	1,483,347	0	(1,098)	0	(1,098)	0	1,482,249	0	0	0	24,430	02/25/2049 .	1FM
			06/01/2020 .	MBS PAYDOWN		628,794	628,794	647,024	631,364	0	(2,570)	0	(2,570)		628,794	0	0	0	11,511	08/25/2049 .	1FM
	SEMT_18-CH1		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	28,904	8,651	0	(8,651)	0	(8,651)		0	0	0	0	5,955	03/25/2048 .	1FE
81747J-AD-8 81747M-AA-7	SEMT_18-6 SEMT_19-CH1		06/01/2020 .	MBS PAYDOWN			395,911	398 , 144	396,572	0	(661)	0	(661)		395,911	0	0	0	6,559	07/25/2048 . 03/25/2049 .	IFM
81747M-AA-7			06/01/2020 .	MBS PAYDOWN		408,292		26,349	24,765	0 n	(1,456)	n	(1,456)			0	n		519	03/25/2049 .	1FM
81748B-AB-8			06/01/2020 .	MBS PAYDOWN		1, 168, 782	1,168,782	1,189,419	1, 170, 173	0	(1.391)	0	(1.391)	0	1,168,782	0	0	0	16,751	09/25/2049 .	1FM

					Show All Lo	ng-Term Bo	onds and Stoo	k Sold, Red	deemed or C	Otherwise I	Disposed of	of During th	he Current	Quarter							
1	2	3	4	5	6	7	8	9	10				Carrying Va		16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
81748G-AA-9			.06/01/2020	MBS PAYDOWN		1,072,337	1,072,337	1,092,961	1,074,161	0	(1,824)	0	(1,824)	0	1,072,337	0	0	0	17,235	09/25/2049	. 1FM
81748G-BN-0 81748G-CA-7	SEMT_19-CH3 SEMT_19-CH3		.06/01/2020	MBS PAYDOWN		162,770	162,770	163,788		0	(16)	0	(16)	0	162,770	0	0	0	816 82,263	09/25/2049 09/25/2049	. 1FM
81748G-EJ-6			.06/01/2020	MBS PAYDOWN		15,568	15,568	16,738	15,606	0	(38)	0	(38)	0	15,568	0	0	0		09/25/2049	1FM
	SEMT 19-4		.06/01/2020	MBS PAYDOWN		702,140	702,140	716,841	703, 180	0	(1,040)	0	(1,040)	0	702,140	0	0	0	10,768	11/25/2049	1FM
81748K-AA-0	SEMT_20-2		.06/01/2020	MBS PAYDOWN		476,339	476,339	488,098	0	0	(998)	0	(998)	0	476,339	0	0	0	4,492	03/25/2050	1FE
	SCOT_17-2		.06/01/2020	INTEREST ONLY PAYMENT		0	0	204,562	59,409	0	(59,409)	0	(59, 409)	0	0	0	0	0	35,636	10/25/2047	1FE
831350-AJ-2	SLIDE_18-FUN		.06/15/2020	MBS PAYDOWN		53,691	53,691	53,691	53,691	l	l0	0	0	0	53,691	0	0		642	06/15/2031	1FE
83416W-AA-1	SOLAR STAR FUNDING LLC		.06/30/2020	OTHENTING FORD DEDENIFITON		178,017	178,017	182,048	178, 125	0	(108)	0	(108)	0	178,017	0	0	n	4,784	06/30/2035	2FE
83546D-AF-5	SONIC_18-1A		.06/20/2020	MBS PAYDOWN		3,500	3,500	3,500	3,500	0	0	0	0	0	3,500	0	0	0	59	02/20/2048	2FE
	SONIC_20-1		.06/20/2020	MBS PAYDOWN		8,750	8,750	8,750	0	0	0	0	0	0	8,750	0	0	0	110		2FE
83611M-BV-9	SVHE_04-WMC1		.06/25/2020	VARIOUS		37,992	37,992		37,988	0	4	0	4	0	37,992	0	0	0	321	01/25/2035	. 1FM
84055*-AC-2	SOUTH TEXAS ELECTRIC COOP INC		.05/15/2020	SINKING FUND REDEMPTION		165,000	165,000	165,000	165,000	^	^	^	0	0	165,000	0	^	0	2,723	11/15/2043	1
04000"-AU-2	SOUTH TEXAS ELECTRIC COOP INC		., 13/2020	MORGAN STANLEY & CO.		103,000	105,000	100,000	100,000					0	105,000				2,120	11/ 13/2043	
844741-BE-7	SOUTHWEST AIRLINES CO		.05/19/2020	INC.		306,383	346,000	341,838	342,562	0	148	0	148	0	342,710	0	(36,327)	(36,327)	6, 134	11/16/2027	2FE
				SINKING FUND REDEMPTION											-				•		
85234#-AB-1	STADIUM FUNDING TRUST		.04/01/2020			288,494	288,494	288,494	288,494	0	0	0	0	0	288,494	0	0	0	7,222	04/01/2039	. 2PL
853496-AB-3 85571K-AA-3	STANDARD INDUSTRIES INC		.06/18/2020 .06/01/2020	CORPORATE ACTION		133,815	132,000 L	132,000	132,000	0	1,815 128	0	1,815	0	133,815	0	0	0	6,111 800	02/15/2023 06/25/2049	3FE
800/ IN-AA-3	STAR_19-1		.00/01/2020	SINKING FUND REDEMPTION		240,924	240,924	238,816	0		128		128		240,924					06/25/2049	. IFM
858271-A*-0	STEELRIVER TRANSMISSION CO LLC		.06/30/2020	OTHER THE TENE		57,221		57,221	57,221	0	0	0	0	0	57,221	0	0	0	740	06/30/2047	2PL
86083@-AA-5	STIM STAR IV LLC		.04/30/2020	VARIOUS		404,681	404,681	404,681	404,681	0	0	0	0	0	404,681	0	0	0	14,639	04/30/2023	. 2PL
	SAMI_03-AR1 A1		.06/19/2020	MBS PAYDOWN		5, 158	5, 158	5,059	5,059	0	99	0	99	0	5, 158	0	0	0	44	10/19/2033	1FM
86358R-ND-5 86359L-BL-2	ARC_01-BC6W A		.06/25/2020	MBS PAYDOWN		157	157 10,873	157	157	0	0	0	0	0	157	0	0		1 85	10/25/2031 05/19/2034	5G I
86360F-AA-7	SFS 06-A A 144A		.06/15/2020	MBS PAYDOWN		75.669	75,669	75.669	75.669	0	0	0	0	0	75.669	0	0	0	1.734	03/13/2034	1FE
86360F-AB-5			.06/15/2020	MBS PAYDOWN		11,961	11,961	11,961	11,961	0	0	0	0	0	11,961	0	0	0	329	01/15/2030	1FE
	SNVA_18-1A		.04/30/2020	MBS PAYDOWN		2,345	2,345	2,344	0	0	(11)	0	(11)	0	2,345	0	0	0	17	02/01/2055	. 1FE
	SURN_18-1		.04/30/2020	MBS PAYDOWN		14,920	14,920	14,700	14,901	0	19	0	19	0	14,920	0	0	0	396	04/30/2049	1FE
86772F-AA-9 86773P-AA-6			.04/30/2020	MBS PAYDOWN		10,413	10,413 38,106	10,408			(125) 18	0	( 125)	0		0	 0		190 758	02/01/2055 06/30/2054	1FE 1FF
86800R-AG-6	STALT 06-1F 3S		.06/25/2020	INTEREST ONLY PAYMENT		00, 100	0	341	0	0	0	0	0	0	0	0	0	0	248	04/25/2036	6FE
86934N-AA-7	SCML_18-SBC7		.06/01/2020	MBS PAYDOWN		419, 176	419,176	419, 157	418,597	0	579	0	579	0	419, 176	0	0	0	7,733	05/25/2039	. 1FE
	T 100 11 5 1 10 1 110		05 (00 :	J.P. MORGAN SECURITIES,				0.65												00/04/	055
87264A-AV-7	T-MOBILE USA INC		.05/20/2020	INC		3,312,500	3,125,000	3,031,250 445	3,045,599	ļ0	3, 149	0	3, 149	0	3,048,748	0	263,752	263,752	129,808	02/01/2028	3FE
87342R-AC-8 87342R-AE-4	TBELL_16-1A		.05/25/2020 .05/25/2020	MBS PAYDOWN	·	456	45622,825	22,488	20,000	n		n		n		0	n	n	b	05/25/2046 11/25/2048	2FE 2FE
88031R-AA-6	TENASKA ALABAMA II PARTNERS LP 144A		.06/30/2020	VARIOUS		197,892	197,892	197 , 486	197,217	0	675	0	675	0	197,892	0	0	0	4,530	03/30/2023	
				SINKING FUND REDEMPTION				,							,				•		
88104#-AA-4	TERRAFORM UTILITY SOLAR XIX HOLDIN		.06/30/2020			302,001	302,001	302,001	302,001	0	0	0	0	0	302,001	0	0	0	6,776	08/31/2040	. 2PL
88159D-AA-3	TES_17-1A		.04/20/2020	MBS PAYDOWNSINKING FUND REDEMPTION		29,264	29,264	29,260	29, 196	0	68	0	68	0	29,264	0	0	0	634	10/20/2047	1FE
88307*-AA-3	TEXOMA WIND LLC		.06/30/2020	STINKTING FOIND REDEMIFITOR		991,942	991,942	991,942	991,942	0	0	0	0	0	991,942	0	0	0	20,434	06/30/2034	2PI
	TBMLT 18-3		.06/01/2020	MBS PAYDOWN		12,003	12,003	11,440	0	0	4	0	4	0	12,003	0	0	0	56	11/25/2048	1FM
	_			SINKING FUND REDEMPTION																	
89307#-AA-7	TRANS BAY CABLE LLC		.06/30/2020	OTHICING CINE SCOTIOT			87,000			0	77	0	77	0	87,000	0	0	0	1,448	06/30/2047	. 1PL
80837#_AD. 0	ESTATE OF BERNICE BISHOP PRVT		.04/14/2020	SINKING FUND REDEMPTION		437,500	437,500	461,519	437,500	^	^	^	0	0	437,500	0	^	0	10,784	04/14/2029	1
09031#-MD-U	LOTATE OF DENITIVE DISTOF FRAT		.,54/ 14/ 2020	SINKING FUND REDEMPTION	·	431,300	401,300	401,319	401,500	ļ	ļ		ļ		431,300	J			10,784	94/ 14/2029	
90214G-AA-5	2014 ESA PROJECT COMPANY INC	1	.06/30/2020			322,955	322,955	320 , 147	322,473	0	482	0	482	0	322,955	0	0	0	4,756	03/30/2030	. 2PL
				CITIGROUP GLOBAL MARKETS															•		
90278L-BD-0	UBSCM_18-C15		.06/05/2020	INC		6,789,727	7,875,000	7,600,132	7,621,764	0	8,942	0	8,942	0	7,630,706	0	(840,980)	(840,980)	213,564	12/15/2051	. 1FE
OUSVER VD &	IIIS AIDWAYS 2012-2 OLASS A DASS TUD		05/20/2020	R.W. PRESSPRICH & CO., INC.		700,716	859,774	709,969		^	_	^	_		700.000	0	(0.050)	(0.052)	10 667	06/03/2025	100
	US AIRWAYS 2012-2 CLASS A PASS THRUS AIRWAYS 2013-1 PASS THROUGH		.05/20/2020	VARIOUS		3,450,614	4,230,554	3,451,711	3,402,754	u	42,502	0 n	42,502	U	709,969	0	(9,253)	(9,253) 5,358		06/03/2025 11/15/2025	1FE
	The second to the second secon	1						ا ۱ ۱ , ۱ ∨۲۰ , ע				L		p			000 رو	, 0.00		10/2020	

					Show All Lo	ng-Term Bo	onds and Sto	ck Sold, Red	deemed or 0												
1	2	3	4	5	6	7	8	9	10		nange In Boo				16	17	18	19	20	21	22
										11	12	13	14	15							
													Total	Total							
												Current	Change in	Foreign					Bond		NAIC
												Year's	Book/	Exchange	Book/				Interest/		Desig-
									Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
									Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP					Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For-	Disposal	Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eian	Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)		nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
	2 000	o.g	2410	SINKING FUND REDEMPTION	O LO G.K	0.440		0001	7 4.40	(1000,0000)	71001011011	IIIZGG	10)	Value	24.0	2.opoca.	2.opcca.	Diopood.	. 56.	2410	
907825-AA-1	UNION PACIFIC RAILROAD CO		05/14/2020 .	OTTENTO TOTAL TESEMENTON		79,292	79,292	80,117	79,287	0	5	0	5	0		0	0	0	1,279	05/14/2026 .	1FE
				SINKING FUND REDEMPTION																	
90782J-AA-1	UNION PACIFIC RAILROAD CO 2015-1 P		05/12/2020 .			307 , 123	307, 123	283,747	306,753	0	370	0	370	0	307 , 123	0	0	0	4, 138	05/12/2027 .	1FE
	UNITED AIR LINES		04/23/2020 .	. VARIOUS		1,511,843	1,750,325	1,752,811	1,706,175	0	6,308	0	6,308	0	1,712,483	0	(200,640)	(200,640)	95, 180	07/02/2022 .	
	UNITED AIRLINES INC 2016-1 AA PTTUNITED AIRLINES INC		05/15/2020 . 05/15/2020 .	BARCLAYS CAPITAL INC		156,255	173,617	173,617	173,617	0	0	0	0	0	173,617	0	(17,362)	(17,362)	4,665	07/07/2028 . 12/01/2027 .	1FE
	UPS OF AMERICA INC		04/01/2020 .	MATURITY		5,000,000	5,000,000	6,660,300	5,036,024		(36,024)	0	(36,024	0	5,000,000		(430, 132)	(430, 132)	209,375	12/01/2027 .	
	UNITED RENTALS (NORTH AMERICA) INC		05/20/2020 .	VARIOUS		5,705,850	5,660,000	5,549,725	5,568,039	0	3,885	0	3,885		5,571,925	0	133,926	133,926	231,340	01/15/2028 .	3FE
91834P-AG-0	VMC_19-FL3	.	06/15/2020 .	MBS PAYDOWN		20,842	20,842	20,842	20,842	0	0	0	0	0	20,842	0	0	0	336	09/15/2036 .	1FE
92343V-EU-4	VERIZON COMMUNICATIONS INC		04/06/2020 .	. RBC CAPITAL MARKETS		11,621,411	10,372,000	10,372,000	10,372,000	0	0	0	0	0	10,372,000	0	1,249,411	1,249,411	144,632	12/03/2029 .	2FE
	VBTOW_16-2A		06/15/2020 .	. MBS PAYDOWN		23,839	23,839	23,838	23,790	0	49	0	49	0	23,839	0	0	0	516	10/15/2046 .	
92536M-AA-9	VERUS_18-1NV1	[]	06/01/2020 .	. MBS PAYDOWN		433,743	433,743	428,050		0	714	٥	714	0	433,743	0	0	0	2,383	03/25/2058 .	1FE
92537D-AB-6	VERUS_19-1		05/01/2020 .	. MBS PAYDOWN		23,292	23,292	23,147	Ω	0	3	0	3	0	23,292	0	0	0	76	02/25/2059 .	IFM
92537F-AC-9 92553P-AT-9	VERUS_19-INV1 VIACOM INC		06/01/2020 . 05/28/2020 .	. MBS PAYDOWN		5,325,950			4,978,542		24	0	24	0	63,244	0	345, 182	345, 182	193 157,604	12/25/2059 . 09/01/2023 .	1FE
929227-2G-0	WAMU 03-S5		06/01/2020 .	. MBS PAYDOWN		20.503	20,503	4,948,400					(78	0	20.503		340, 102	ა4ა, 162	450	06/25/2033 .	
92922F-3R-7	WAMU_05-AR12		06/01/2020 .	MBS PAYDOWN		882		870	0	0	882	0	882	0	882	0	0	0	14	09/25/2035 .	
	WAMU 05-AR14 2A2		06/01/2020 .	MBS PAYDOWN		1,295	1,295		0	0	1,295	0	1,295	0	1,295	0	0	0	20	12/25/2035	
	WAMU_05-AR13		06/25/2020	MBS PAYDOWN		161,888	161,888	159,763	161,961	0	(73)	0	(73	0	161,888	0	0	0	1,518	10/25/2045 .	1FM
	WAMU_05-AR17 A1B3		06/25/2020 .	. MBS PAYDOWN		12,526	12,526	12,526	12,476	0	49	0	49	0	12,526	0	0	0	106	12/25/2045 .	
	WAMU_05-AR8 21B3		06/25/2020 .	. MBS PAYDOWN		5,328	5,328	5,328	5,328	0	0	0	0		5,328	0	0	0	45	07/25/2045 .	
92922F-TB-4 92922F-WE-4	WAMU_04-AR7 WAMU_04-AR9 A1		06/01/2020 . 06/01/2020 .	. MBS PAYDOWN		139,781	139,781	141,965 8,425	140,490	0	(709)	0	(709		139,781	0	0	0	2,547	07/25/2034 .	
92925C-DC-3	WAMU_04-AR9 ATC		06/01/2020 .	MBS PAYDOWN		7,717	23,989	8,425	8,692		(18)		(18			0	0		164 285	08/25/2034 . 02/25/2046 .	
92939K-AH-1	WFRBS 14-C24		06/01/2020 .	. INTEREST ONLY PAYMENT			0	14,256		0	(724)		(724		0	0	0	0	1,041	11/15/2047 .	
				SINKING FUND REDEMPTION				,200											,	, 10, 2011 .	
92966*-AG-4	WABASH VALLEY POWER ASSOCIATION IN PRVT		04/30/2020			207,458	207,458	207, 458	207,458	0	0	0	0	0	207,458	0	0	0	6,369	01/31/2028 .	1
92977Y-AE-1	WMLT_05-A 4A1		06/01/2020 .	. MBS PAYDOWN		140 , 174	140,174	140,558	139,224	0	951	0	951	0	140, 174	0	0	0	2,252	08/20/2035 .	1FM
	WAMU_06-AR19 1A1B		06/01/2020 .	. MBS PAYDOWN		4,025	4, 158	4, 154	3,847	0	179	0	179	0	4,025	0	0	0	47	01/25/2047 .	
	WAMU_06-AR19 2A1B		06/01/2020 .	MBS PAYDOWN		6,344 47.903	6,452 47.903	4,664 27,612	6,280 46,145	0	63	0	63	0	6,344	0	0	0	59 560	01/25/2047 . 10/25/2046 .	1FM
93363X-AD-5	WME 07-HE4		06/01/2020 .	MBS PAYDOWN		124,794	124,794		124, 180		614	0	614		124,794		0	0	1,084	10/25/2046 .	1FM
93364B-AA-8	WAMU 07-0A5 1A		06/01/2020 .	MBS PAYDOWN		22.487	22,487	22,487		0	162	0	162	0	22,487	0	0	0	240	06/25/2047 .	1FM
939336-2W-2	WMALT_05-1 CX		06/01/2020 .	. INTEREST ONLY PAYMENT		0	Ω	15,640	1,144	0	(1,144)	0	(1, 144		0	0	0	0	2,441	03/25/2035 .	
93934F-AA-0	WMALT_05-5 CB1		06/25/2020 .	. MBS PAYDOWN		8,043	8,224	8,224	7,984	0	59	0	59	0	8,043	0	0	0	58	07/25/2035 .	
93934F-BU-5	WMALT_05-7 4CB		06/01/2020 .	. MBS PAYDOWN		7,888	25,924	22, 179	7,783	0	105	0	105	0	7,888	0	0	0	705	08/25/2035 .	
93934F-PT-3	WAMU_06-AR4 2A1A		06/01/2020 .	. MBS PAYDOWN		8,572	8,572	8,555	8,501	ļ0	70	ō	70	0	8,572	łō	ļ	0	102	05/25/2046 .	
93934N-AA-3 939355-BR-3	WMALT_06-5 1A1 WMALT_07-0A3 4A2		06/25/2020 . 06/01/2020 .	. MBS PAYDOWN		15, 172		10,771 87,967	15,043	0	129	0	129	0	15, 172	0	0	0	149	07/25/2036 . 04/25/2047 .	
	WMALT 06-AR5 5A		06/01/2020 .	MBS PAYDOWN		3,947	3,740	2,797	3,806	105	35	0	140		3,947		0	0		06/25/2047 .	
	WMALT 06-AR6		06/01/2020	MBS PAYDOWN		94.570			94,421	0	148	0	148		94.570	0	0	0	1.066	08/25/2046 .	
	WMALT_06-AR10		06/25/2020 .	. MBS PAYDOWN		26,549	26,549	18,300	26,269	0	281	0	281	0	26,549	0	0	0	158	12/25/2036 .	
				SINKING FUND REDEMPTION																	
	WEDGEWOOD VILLAGE PHARMACY LLC		06/27/2020 .			11,500	11,500	11,371	11,481	0	19	0	19	0	11,500	0	0	0	376	07/17/2023 .	
94982P-AA-7	WFMBS_05-AR7 1A1		06/01/2020 .	. MBS PAYDOWN		41,486	41,486	40,503	41,497	0	(12)	0	(12		41,486	0	0	0	839	05/25/2035 .	1FM
94982P-AE-9 949831-AA-9	WFMBS_05-AR7 2A1 WFMBS_19-3		06/01/2020 .	. MBS PAYDOWN		321	321		381	0	(60)		(60		321		0	0	b	05/25/2035 . 07/25/2049 .	IFM
949831-AA-9	WFMBS 19-3		06/01/2020 .	MBS PAYDOWN			404,499		122,221	n	(924)	n	(924			n	n	 n	3, 190	07/25/2049 .	1FM
949831-AW-1	WFMBS_19-3		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	453,293	117,601	0	(117,601)	0	(117,601	0	0	0	0	0	97,773	10/25/2049 .	1FE
949831-AX-9	WFMBS_19-3		06/01/2020 .	. INTEREST ONLY PAYMENT		0	0	178,013	42,849	0	(42,849)	0	(42,849	00	0	0	0	0	37,527	10/25/2049 .	1FE
94983J-AC-6	WFMBS_06-AR1 IIA1		06/01/2020 .	. MBS PAYDOWN		12,474	12,587	11,580	12,490	0	(16)	0	( 16	0	12,474	0	0	0	197	03/25/2036 .	
94985J-CD-0	WFMBS_07-7 AP0		06/27/2020 .	. VARIOUS		44,590	45,551	26,989	42,462	0	2, 128	0	2, 128	0	44,590	0	0	0	0	06/25/2037 .	1FM
050007 55 -	WEON 47 040		00 (05 (0005	WACHOVIA CAPITAL MARKETS		0.050.07-	0.000.00-	0 775 51-	0 770 4:-	_		_		_	0 770 76:	_	(//2 055)	(440.050)	24.2:-	40 /45 /0050	4511
95000Y-BD-6 95001T-AA-3	WFCM_17-C40 WFMBS_19-1		06/05/2020 . 06/01/2020 .	. LLC		2,359,875	2,800,000 993,191	2,775,517 992,415	2,776,447	0		0	287	0	2,776,734	0	(416,859)	(416,859)	64,317 17,045	10/15/2050 . 11/25/2048 .	1FM
95001T-AA-3			06/01/2020 .	INTEREST ONLY PAYMENT		 N	993, 191	38,918	992,835	0 n	(11,557)	n	(11,557	n	993, 191	n	0 n	 n	13,479	11/25/2048 .	
95002F-AX-2			06/01/2020	INTEREST ONLY PAYMENT		0	0		11.662	0	(11,662)	0	(11,662	0	0	0	0	0	9,494	09/25/2049	

				Show All Lo	ng-Term Bo	onds and Stoo	ck Sold, Red	deemed or (	Otherwise I	Disposed (	of During th	he Current	Quarter							
1	2	3 4	5	6	7	8	9	10			ok/Adjusted			16	17	18	19	20	21	22
									11	12	13	14	15							
												Total	Total							
											Current	Change in	Foreign					Bond		NAIC
											Year's	Book/	Exchange	Book/				Interest/		Desig-
								Prior Year		Current	Other Than		Change in	Adjusted	Foreign			Stock	Stated	nation
								Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP				Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For- Disp	sal Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign Da		Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
95002J-AA-4				0.00.0	1,802,128	1,802,128	1,834,228	1,806,998	0	(4,870)		(4,870)	0	1,802,128	0	0	0	28,942	04/25/2049	1FM
95002K-AA-1	WFMBS 20-1				634,048	634,048	641,577	0	0	(485)		(485)	0	634,048	0	0		4,844	12/25/2049	1FE
95058X-AE-8	WEN_18-1A				19,500	19,500	19,500	19,500	0	0	0	0	0	19,500	0	0	0	379	03/15/2048	2FE
95058X-AG-3	WEN_19-1A				45,000	45,000	45,000	45,000	0	0	0	0	0	45,000	0	0	0	851	06/15/2049	2FE
96221T-AQ-0	WFRBS_14-LC14				1,352,147	2,040,977	1,815,752	1,851,424	0	12,208		12,208	0	1,863,633	0	(511,485)	(511,485)	41,860	03/15/2047	.   1FM
973140-AA-3 98310C-AC-6	WIND ENERGY TRANSMISSION TEXAS LLC				60,452	60,452		60,453	0	(1)		(1)	0			0		871 217	12/18/2034 05/30/2025	1
500 100-40-0	TITIE IN THE TOTAL O α PLOUPING TWO		SINKING FUND REDEMPTION	-	12,000	12,000 .	12, 141	12,304	0	(4)		(4)		12,500				411	5707 /00 /005	UI L
98581*-AA-9	YELLOWSTONE ENERGY LTD			. [	244,713	244,713	252,316	244,713	0	0	0	0	0	244,713	0	0	0	0	12/31/2026	2
BIN17E-EQ-3	MINISTRY BRANDS LLC		020 VARIOUS		1,592	1,592	1,585	1,592	0	0	0	0	0	1,592	0	0	0	23	12/02/2022	. 5G1
1			SINKING FUND REDEMPTION								1									
C7236#-AA-2	PET SUPERMARKET INC - TL			-	35,839	35,839	35,636	35,789	0	50	0	50	0	35,839	0	0	0	1,367	07/05/2022	4FE
008474-A@-7	AGNICO-EAGLE MINES LIMITED PRVT	A04/07/	020 MATURITY SINKING FUND REDEMPTION		14,000,000	14,000,000	14,000,000	14,000,000	0	J0	0	}0	0	14,000,000	ļ0	0		466,900	04/07/2020	2
009088-AA-3	AIR CANADA 2015-2AA PTT	A06/15/			120,553	120,553	120,553	120,553	n	n	0	0	0	120,553	0	0	n	2,260	12/15/2027	1FE
	ATTI VINTADA EVIV EAR I I I		WACHOVIA CAPITAL MARKET	s	120,303	120,300	120,333	120,000		l		1		120,333				2,200		" ∟
15135U-AF-6	CENOVUS ENERGY INC	A		-	2,981,250	3,750,000	3,977,345	3,972,670	0	(2,086)	0	(2,086)	0	3,970,584	0	(989, 334)	(989,334)	123,750	11/15/2039	. 3FE
			SINKING FUND REDEMPTION																	
292766-A#-9	ENERPLUS CORP	A05/15/			900,000	900,000	900,000	900,000	0	0	0	0	0	900,000	0	0	0	19,800	05/15/2024	2
740212-AE-5	PRECISION DRILLING CORPORATION	A			613,921	722,260	722,260	722,260	0	0	0	0	0	722,260	0	(108,339)	(108,339)	19,273	12/15/2021	. 4FE
C0445#-AK-2	ARC RESOURCES LTD PRVT	A05/27/	SINKING FUND REDEMPTION		3,400,000	3,400,000	3,400,000	3,400,000	0		0		0	3.400.000		0	0	91,120	05/27/2022	2
00443#-AN-2	AND RESOURCES LID FRVI	A	SINKING FUND REDEMPTION		3,400,000	3,400,000	3,400,000	3,400,000				0		3,400,000						2
C4111#-AG-6	GRAYMONT LTD	A06/21/			450,000	450,000	450,000	450.000	0	0	0	0	0	450.000	0	0	0	10,575	06/21/2027	2PL
00289L-AA-3	ABENGOA TRANSMISION SUR SA	D04/30/			70,970	70,970	70,966	70,970	0	0	0	0	0	70,970	0	0	0	2,440	04/30/2043	2FE
			SINKING FUND REDEMPTION																	
00787C-AC-6	AEROPUERTO INTERNACIONAL DE TOCUME	D			6,631	6,631	6,445	6,628	0	3	0	3	0	6,631	0	0	0	199	11/18/2048	. 2FE
03512T-AA-9 03938L-AZ-7	ANGLOGOLD HOLDINGS PLC ARCELORMITTAL SA	D04/15/ D05/12/			930,000 3,092,460	930,000	931,867	930,079	0	(79)		(79) (7,529)		930,000 3.118.708		(26.248)	(26,248)	24,994 83,198	04/15/2020 06/01/2025	. 3FE
00000L AZ 1	ANOLEOI MITTIAL ON	D	BANK OF AMERICA		0,032,400					(1,525)		(1,525)				(20,240)	(20,240)		90/01/2020	G L
046353-AG-3	ASTRAZENECA PLC	D04/02/			5,752,950	5,000,000	4,968,850	4,973,568	0	18	0	18	0	4,973,587	0	779,363	779,363	10,000	09/18/2042	2FE
			SINKING FUND REDEMPTION																	
05330K-AA-3	AUTOPISTAS METROPOLITANAS DE PUERT	D06/30/			76,050	76,050	75,827	75,827	0	223	0	223	0	76,050	0	0	0	2,476	06/30/2035	2FE
05549V-AA-6	BDS_18-FL2	D06/17/			304,606	304,606	290,518	0	0	1,812	0	1,812	0	304,606	0	0	0	734	08/15/2035	. 1FE
06675F-AQ-0	BANQUE FEDERATIVE DU CREDIT MUTUEL	D06/17/	MIZUHO SECURITIES USA 020 INC		1,514,043	1,500,000	1,500,000	1.500.000	0	0	0	0	0	1,500,000	0	14.043	14,043	26,883	07/20/2023	1FE
	BLUEM 13-1A	D04/20/			47,906	47,906	47,906	47,906	0	0	0	0	0	47,906	0	14,043	14,043		01/20/2023	1FE
		D04/22/			1,983	1,983	1,983	1,983	0	0	0	0	0	1,983	0	0		31	10/22/2030	1FE
			SINKING FUND REDEMPTION																	
26876H-AA-6	ENA SUR TRUST	D			358,377	358,377	358,377	358,377	0	0	0	0	0	358,377	0	0	0	1,758	05/25/2025	. 4FE
45605P-AM-0	BIND_16-1A	C04/15/			619,707	619,707	619,565	619,565	0	142	0	142	0	619,707	0	0	0	16,212	04/15/2026	2FE
460599-AB-9 51461T-AA-9	INTERNATIONAL GAME TECHNOLOGY	D06/23/ D06/24/			399,000	380,000	381,300	380,373	0	(106)		(106)	0	380,267	0	(103,586)	(103,586)	20,319	02/15/2022 12/31/2049	3FE
	MEGGITT HOLDINGS (USA) INC	D06/15/		-	13,500,000	13,500,000	13,500,000	13,500,000	0	0	0	0	0	13,500,000	0	(103,300)	(103,360).	338,850	06/15/2020	2
59982W-AA-5	MCSLT_19-1A	D06/20/			47,492	47,492	47,474	47,380	0	112	0	112	0	47,492	0	0		853	03/20/2043	1FE
62924*-AA-1	NATIONAL GAS CO OF TRINIDAD & TOBA PRVT	D			2,406,002	2,406,002	2,484,029	2,536,427	0	(78,027)	0	(78,027)	0	2,458,400	0	(52,398)	(52,398)	34,000	06/01/2021	2
62983P-AB-1	NAKILAT INC 144A	D06/29/			10,794	10,794	10,746	10,792	0	2	0	2	0	10,794	0	0	0	684	12/31/2033	. 1FE
67091R-AK-5		D04/17/				853,065	796,251	0	0	2,420		2,420	0	853,065	0	0	0	5,792	04/17/2027	. 1FE
706451-BG-5 77578J-AB-4	PEMEX PROJECT FUNDING MASTER TRUST	D05/13/ D06/08/			4,978,439	6,649,000 13,700,000	7,371,168	7,217,053	0	(8,792)		(8,792)		7,208,261 13,785,631	0	(2,229,822)	(2,229,822) (856,381)	183,540 323,350	06/15/2035 10/14/2025	. 3FE 2FE
81180W-AR-2	SEAGATE HDD CAYMAN	D06/08/		.	12,929,250	372,000	370,951	371,311	n	(0,084)		(0,084)		370,951	n	(836,381)	(836,381)	9,492	10/ 14/2025	2FE
	SECOND TO WITHOUT		STANDARD CHARTERED BANK							(000)		(000)			[			, 702		
87936U-AA-7	TELEFONICA CHILE SA	D05/04/	020		1,015,000	1,000,000	1,007,500	1,002,374	0	(283)	0	(283)	0	1,002,091	0	12,909	12,909	21,958	10/12/2022	
88432A-AW-0	WINDR_13-2A	D04/18/			18,396	18,396	18,396	18,396	0	0	0	0	0	18,396	0	0	0	297	10/18/2030	. 1FE
D.11110 05 -	ENUMBED MEDIUME MOUNTED DESERVALE		SINKING FUND REDEMPTION			005.00	005 555	005	_	l									05 (45 (005 )	
BIN1AG-CD-5	ECUADOR MERCHANT VOUCHER RECEIV LT	D			235,294	235,294	235,230	235,230	0	64	0	64	0	235,294	0	0	0	8,095	05/15/2024	4FE
BIN1RA_TA_2	ERGON PERU SAC	D	SINKING FUND REDEMPTION		26.393	26.393	26,393	26.393	0	n	0		0	26.393	0	0	0	n	06/30/2034	2FE
	LINON ILIO UNU	/٥٥ /٥٧	vev		20,000				LU	LU	LU	L	JU			LU	L	u	90/00/2004	.

1 2 3 4 5 6 7 8 9 10 Change In Book/Adjusted Carrying Value 16 17 18 11 12 13 14 15 Total Current Change in Foreign Year's Book/ Exchange Book/	19	20	21	22
11 12 13 14 15 Total Total Current Change in Foreign				
Total Current Change in Foreign				
Current Change in Foreign				
		Bond		NAIC
		Interest/		Desig-
Prior Year Current Other Than Adjusted Change in Adjusted Foreign		Stock	Stated	nation
	1	Dividends	Con-	and
July 1 day 1	Total Gain			
				Admini-
			,	strative
ification Description eign Date of Purchaser Stock eration Par Value Cost Value (Decrease) Accretion nized 13) Value Date Disposal Disposal	Disposal	Year		Symbol
F10922-75-3   RAS LAFFAN LIQUEFIED NATURAL GAS C   D   04/24/2020   PPIOR YEAR INCOME   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	(5)		1FE
E13062-94-6   GRUPO BINBO SAB DE CV   D.   06/30/2020   MATURITY   205,000   218,359   206,171   0   (1,171)   0   (205,000   0.0	,	4,997	06/30/2020 3	275
S109-04-12 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	)	5. 180	11/29/2025 2	2PI
G4588F-BC-4 INTERNEDIATE CAPITAL GROUP PLC D. 05/11/2020 MATURITY 19,500,000 19,500,000 19,500,000 0 0 0 0 0 19,500,000 0 0 0 0 19,500,000 0 0 0 0 0 0 19,500,000 0 0 0 0 0 0 19,500,000 0 0 0 0 0 0 19,500,000 0 0 0 0 0 0 19,500,000 0 0 0 0 0 0 19,500,000 0 0 0 0 0 0 19,500,000 0 0 0 0 0 0 0 19,500,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	) 0	440.700	05/11/20202	2
G63908-AA-4 NAMPAK LTD D. 05/28/2020 MATURITY 15,200,000 15,200,000 15,200,000 0 0 0 0 0 15,200,000 0 0 0 0 0 15,200,000 0 0 0 0 0 15,200,000 0 0 0 0 0 0 15,200,000 0 0 0 0 0 0 15,200,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	٥	350,360	05/28/2020 3	3
	0	616	08/16/2027 2	2
K3752#-AE-8   COPENHAGEN APPTS A/S SR NT SER B   D   D6/29/2020   MATURITY   16,000,000   16,000,000   16,000,000   0   0   0   0   0   16,000,000	ι0	480,000		2
K7017#=AA=8   MERIDIAN SPIRIT APS	/0	7,765	08/01/2030 2	2FE
SINKING FUND REDEMPTION CO. F.C. CO. F.	,	F 500	00 (45 (0007	
L8038*-AA-4   SBM BALEAI AZUL	0	5,536	09/15/2027	3
N2512*-AB-9 CCCA COLA ICECEK D	0	103,023	05/30/2020 4	4
P3753#-AA-O ERGON PERU SAC D. 06/30/2020 5184.158,253 158,253 158,253 0 0 0 0 0 158,253 0 0 0	) 0	(115)	06/30/2034 2	2DI
SINKING FUND REDEMPTION		(113)		41 L
P4001#-AA-8 EQLICA MESA LA PAZ S DE RL DE CV D. 06/20/2020 257,794 257,794 257,794 0 0 0 0 0 257,794 0 0 0 0 0 0 0 257,794 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	٥ا ر	7,476	12/20/2044 2	2PL
SINKING FUND REDEMPTION				
P7003*-AA-3   LA BUFA WIND SAPI DE CV   D.  06/30/2020	0	316	09/30/2037 2	2PL
SINKING FUND REDEMPTION				
.T8677*-AA-2   SOGEFI SPA   D   .06/01/2020	<i>i</i> 0	106,286	06/01/2023 3	3
		00 404	40 (04 (0000	000
		20, 191	12/31/2023 2	ZFE
3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) 686,111,576 712,083,421 711,472,054 647,355,139 1,526 (1,086,743) 6,864,071 (7,949,288) 0 692,828,249 0 (6,716,676 92915P-AF-2 INGIM 14-1A D 04/18/2020 IMBS PAYDOWN 14.125 14.125 14.125 0 0 0 0 0 14.125 0 0 0 0 14.125 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6) (6,716,676)		XXX	XXX
92915P-AF-2   INGIM_14-1A   D.  04/18/2020   MBS PAYDOWN  14,125  14,125  14,125  14,125  0	,	185		1FE
92915U-AA-2 VOYA CLO LTD VOYA, 17-2A D. 04/15/2020 MBS PAYDOWN 15,300 15,300 15,336 15,318 0 (18) 0 (18) 0 (18)	) 0	219		1FE
92916M-AE-1 VOYA 17-1A D. 04/17/2020 VARIOUS 220,912 221,152 221,049 0 (104) 0 (104) 0 (20,945 0 (33)	3)(33)			1FE
5599999. Subtotal - Bonds - Parent, Subsidiaries and Affiliates 268,481 268,481 268,777 268,636 0 (122) 0 (122) 0 268,514 0 (33	3) (33)		XXX	XXX
8399997. Total - Bonds - Part 4 1,031,203,862 923,823,329 1,059,815,357 914,845,236 1,526 (11,496,787) 7,483,188 (18,978,449) 0 965,916,198 0 65,287,664			XXX	XXX
8399998. Total - Bonds - Part 5  XXX	XXX	XXX	XXX	XXX
8399999. Total - Bonds 1,031,203,862 923,823,329 1,059,815,357 914,845,236 1,526 (11,496,787) 7,483,188 (18,978,449) 0 965,916,198 0 65,287,664			XXX	XXX
0399995   1,037,000   223,023,029   1,039,010   391,037,209   1,035,010   1,03	00,287,004	45,887,686		2FE
184699-39-5 (LEARBRIDGE ENERGY MLP OPPOR FUND	)	1,348		2FE
194690-2#-4 CLEARBRIDGE ENERGY MLP TOT RET FND 04/06/2020 VARIOUS 4.000 400.000 100.000.00 400.000 0 0 0 0 0 0 0 0 0 0 0	) 0	5.467		2FE
. 194690-4#-2 CLEARBRIDGE ENERGY NLP TOT RET FND	0	1,207		2FE
.293648-10-7   ENTERGY UTILITY HOLDING CO	0	190,000		
486606-3*-5 KAYNE ANDERSON MIDSTREAM/ENERGY FU	0	22,949		2FE
. 486606-5+-9 KAYNE ANDERSON KYN FUND	<u>.</u> [1	28,033		2FE
	·	14,702		2FE
486606-7#-7 KAYINE ANDERSON KYN FUND05/29/2020 VARIOUS448,257.42010,985,83225.0011,206,43610,877,075	,  0	154,839		2FE
	0)(10)			2FE
891471-22+6 TORTOISE ENERGY INFRASTRUCTURE MPPS				2FE
.89147L-3#-5 TORTOISE ENERGY INFRASTRUCTURE MRPS		41,719		2FE
8499999. Subtotal - Preferred Stocks - Industrial and Miscellaneous (Unaffiliated) Perpetual				
Preferred 33,601,320 XXX 33,750,762 29,259,731 0 131,233 0 33,526,231 0 74,973	3 74,973	607,952	XXX	XXX
8999997. Total - Preferred Stocks - Part 4 33,601,320 XXX 33,750,762 29,259,731 0 131,233 0 131,233 0 74,973			XXX	XXX
8999998. Total - Preferred Stocks - Part 5 XXX XXX XXX XXX XXX XXX XXX XXX XXX	XXX	XXX	XXX	XXX
8999999. Total - Preferred Stocks 33,601,320 XXX 33,750,762 29,259,731 0 131,233 0 33,526,231 0 74,973			XXX	XXX
	_		······	XXX
BINDY-87-3   COSO GEOTHERIAL POWER HOLDINGS   0.5/28/2020   VARIOUS   10.130   1.271,739   1.324,025   1.413,649   (141,952)   0   0   (141,952)   0   0   1.271,698   0   41				XXX
9199999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other 1,271,739 XXX 1,324,025 1,413,649 (141,952) 0 0 (141,952) 0 0 1,271,698 0 41	_	_	XXX	
	_	_	XXX	XXX

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

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

				011011711120																
1	2	3 4	5	6	7	8	9	10	Ch	ange In Bo	ok/Adjusted	Carrying Va	lue	16	17	18	19	20	21	22
									11	12	13	14	15							
												Total	Total							
											Current	Change in	Foreign					Bond		NAIC
											Year's	Book/	Exchange	Book/				Interest/		Desig-
								Prior Year		Current	Other Than	Adjusted	Change in	Adjusted	Foreign			Stock	Stated	nation
								Book/	Unrealized	Year's	Temporary	Carrying	Book	Carrying	Exchange	Realized		Dividends	Con-	and
CUSIP				Number of				Adjusted	Valuation	(Amor-	Impairment	Value	/Adjusted	Value at	Gain	Gain	Total Gain	Received	tractual	Admini-
Ident-		For- Dispos	al Name	Shares of	Consid-		Actual	Carrying	Increase/	tization)/	Recog-	(11 + 12 -	Carrying	Disposal	(Loss) on	(Loss) on	(Loss) on	During	Maturity	strative
ification	Description	eign Date	of Purchaser	Stock	eration	Par Value	Cost	Value	(Decrease)	Accretion	nized	13)	Value	Date	Disposal	Disposal	Disposal	Year	Date	Symbol
9799999.	otal - Common Stocks				1,271,739	XXX	1,324,025	1,413,649	(141,952)	0	0	(141,952)	0	1,271,698	0	41	41	0	XXX	XXX
9899999.	otal - Preferred and Common Stoo	cks			34,873,059	XXX	35,074,787	30,673,379	(141,952)	131,233	0	(10,719)	0	34,797,928	0	75,014	75,014	607,952	XXX	XXX
9999999 -	Totals				1,066,076,921	XXX	1,094,890,144	945,518,616	(140,426)	(11,365,554)	7,483,188	(18,989,168)	0	1,000,714,126	0	65,362,677	65,362,677	46,495,638	XXX	XXX

Showing all Options,	Caps, Floors,	Collars, Swaps and	Forwards Open	as of Current Statement Date	

					Showing a	all Options	s, Caps, Flo	ors, Colla	rs, Swaps	and Forwar	ds Open as	of Currer	nt Stateme	nt Date								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
· ·	_	Ŭ		Ĭ	Ŭ			Ü	10	Cumulative		10		10	10	.,	10	10	20			20
											C											
	D									Prior	Current											
	Description								a	Year(s)	Year Initial											
	of Item(s)								Strike	Initial Cost	Cost of										Credit	Hedge
	Hedged,								Price,	of Un-	Un-						Total	Current	Adjustment		Quality E	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		Quarter-end
Description	or Replicated	Identifier	(a)	or Central Clearinghouse		Expiration	Contracts	Amount	(Paid)	Paid	Paid	Income	Value	Code	Fair Value	(Decrease)	B./A.C.V.	Accretion	Item	Exposure	Entity	(b)
			(-/	Excluding Variable Annuity Guara				runount	(i did)	0		111001110	value	XXX	1 dii Value	(Dedicade)	D.17 (. O. V .	71001011011	0		XXX	XXX
							<u> </u>				U	U	U		U	U	U	<u> </u>				
	total - Purchased Op	otions - Hedg	ing Effective	Variable Annuity Guarantees Und	er SSAP No.10	78				0	0	0	0	XXX	0	0	0	0	0	0	XXX	XXX
OTC OPTION CALL																						
BOUGHT, JUL20 SPX C @				Wells Fargo Bank,					.JUL20 SPX C @													
2995.18	Liabilities	Exhibit 5	Equity/Index.	N. A KB1H1DSPRFMYMCUFXTC	908/06/2019 .	07/15/2020 .	1,227	3,675,379	2995.18	147,262	0	0	162,340		162,340	( 133, 488)	0	(77,918)	0	0		0001
OTC OPTION CALL																						
BOUGHT, AUG20 SPX C @									.AUG20 SPX C @		_	_					_		_	_		
2900.01	Liabilities	Exhibit 5	Equity/Index.	BNP Paribas ROMUWSFPU8MPR08K5P8	309/04/2019 .	08/17/2020 .	1,791	5, 191, 758	2900.01	382,396	0	0	451,372		451,372	(53,403)	0	(199,989)	0	0		0001
OTC OPTION CALL																						
BOUGHT, SEP20 SPX C @									.SEP20 SPX C @		_	_					_		_	_		
2976.31	Liabilities	Exhibit 5	Equity/Index.	BNP Paribas ROMUWSFPU8MPR08K5P8	310/02/2019 .	09/14/2020 .	1,839	5,474,305	29/6.31	281,845	0	0	404 , 110		404 , 110	(73,034)	0	(147,402)	0	0		0001
OTC OPTION CALL																						
BOUGHT, OCT20 SPX C @									OCT20 SPX C @													
2971.83	Liabilities	Exhibit 5	Equity/Index.	BNP Paribas ROMUWSFPU8MPR08K5P8	311/01/2019 .	10/14/2020 .	1,037	3,080,395	2971.83	255,641	0	0	257,591		257,591	26,031	0	(133,697)	0	0		0001
OTC OPTION CALL																						
BOUGHT, NOV20 SPX C @									.NOV20 SPX C @													
3097.38	Liabilities	Exhibit 5	Equity/Index.		312/09/2019 .	11/13/2020 .	1,157	3,583,200	3097.38	266,758	0	0	215,944		215,944	48,631	0	(142,794)	0	0		0001
OTC OPTION CALL				HSBC Bank USA,																		
BOUGHT, DEC20 SPX C @				National					.DEC20 SPX C @													
3142.73	Liabilities	Exhibit 5	Equity/Index.	Association 1IE8VN30JCEQV1H4R80	401/02/2020 .	12/14/2020 .	235	736 , 955	3142.73	0	60,354	0	42,408		42,408	13,361	0	(31,308)	0	0		0001
OTC OPTION CALL																						
BOUGHT, JAN21 SPX C @									.JAN21 SPX C@													
3281.12	Liabilities	Exhibit 5	Equity/Index.	BNP Paribas ROMUWSFPU8MPR08K5P8	302/04/2020 .	01/15/2021 .	338	1, 107, 394	3281.12	0		0	41,879		41,879	2,056	0	(29,417)	0	0		0001
OTC OPTION CALL																						
BOUGHT, FEB21 SPX C @									FEB21 SPX C @													
3248.47	Liabilities	Exhibit 5	Equity/Index.	Societe Generale 02RNE81BXP4R0TD8PU4	103/03/2020 .	02/12/2021 .	482	1,562,024	3248 . 47	0	53,555	0	72,867		72,867	37,731	0	(18,419)	0	0		0001
OTC OPTION CALL																						
BOUGHT, MAR21 SPX C @	Equity Index Annuity								MAR21 SPX C @													
2737.92	Liabilities	Exhibit 5	Equity/Index.	BNP Paribas ROMUWSFPU8MPR08K5P8	304/01/2020 .	03/15/2021 _	983	2,674,776	2737.92	0	175,072	0	487,644		487,644	357,849	0	(45,277)	0	0		0001
OTC OPTION CALL																						
BOUGHT, APR21 SPX C @	Equity Index Annuity			Goldman Sachs					.APR21 SPX C @													
2765.84	Liabilities	Exhibit 5	Equity/Index.	International W22LROWP21HZNBB6K52	B05/01/2020 .	04/14/2021 .	384	1,060,144	2765.84	0	130,326	0	185,923		185,923	78,067	0	(22,470)	0	0		0001
OTC OPTION CALL																						
BOUGHT, MAY21 SPX C @	Equity Index Annuity			Wells Fargo Bank,					MAY21 SPX C @													
	Liabilities	Exhibit 5	Equity/Index.	N. AKB1H1DSPRFMYMCUFXTO	906/02/2020 .	05/17/2021 .	339	990,945	2919.75	0	121,921	0	130,509		130,509	18,369	0	(9,782)	0	0		0001
0159999999, Subt	total - Purchased Or	otions - Heda	ing Other - C	Call Options and Warrants						1.333.902	610.467	0	2,452,587	XXX	2.452.587	322, 170	0	(858, 473)	0	0	XXX	XXX
CAP BOUGHT, 4,000000	Retirement- Low Rate			Goldman Sachs					4.000000 10Y	1,000,012		-	_,,,,_,,		_,,,,_,,	V==,	_	(202)		_		
10Y CMS CAP	Hedge	Exhibit 5	INTEREST III ON	International W22LROWP21HZNBB6K52	803/05/2015 .	03/09/2025 .	1	500,000,000		13,500,000	0	0	340,778		340,778	220,765	0	(672,222)	0	0		0001
CAP BOUGHT, 4.000000	Retirement- Low Rate		INTEREST RISK	Goldman Sachs					4.000000 10Y									(0,2,222)				
10Y CMS CAP	Hedge	Exhibit 5		International W22LROWP21HZNBB6K52	803/05/2015 .	03/09/2025 .	1	500,000,000	CMS CAP	13,500,000	n	n	340,778		340,778	220,765	n	(672,222)	n	n	l.	0001
CAP BOUGHT, 4.000000	Retirement- Low Rate		INTEREST RISK	Goldman Sachs				, 500, 000	4.000000 10Y									5, 2, 222)				'
10Y CMS CAP	Hedge	Exhibit 5		International W22LROWP21HZNBB6K52	8 03/05/2015	03/09/2025 .	1	30.000.000		810.000	0	n	20 . 447		20 . 447		n	(40.333)	0	n	l.	0001
	total - Purchased Or		ing Other (		J .	00/00/2020 .	·		omo oru	27,810,000	Λ	0	702,003	XXX	702,003	454,776	٥	(1,384,777)	0	0	XXX	XXX
				Daps							040 407	0					0					
	total - Purchased Op		J							29,143,902	610,467	0	3,154,590	XXX	3,154,590	776,946	0	(2,243,250)	0		XXX	XXX
	total - Purchased Op									0	0	0	0	XXX	0	0	0	0	0		XXX	XXX
0359999999. Subt	total - Purchased Op	otions - Incon	ne Generation	on						0	0	0	0	XXX	0	0	0	0	0	0	XXX	XXX
0429999999. Subt	total - Purchased Or	otions - Other	-							0	0	0	0	XXX	0	0	0	0	0	0	XXX	XXX
	Purchased Option			rants						1,333,902	610,467	0	2,452,587	XXX	2,452,587	322, 170	n	(858, 473)	0		XXX	XXX
	Purchased Option									.,000,002	010,407	0	_, 102, 307	XXX	_, 102,007	JLL, 110	0	(300,470)	0		XXX	XXX
			13							07.040.000	0	0	700.000		700.000	VE 4 770	Ü	(1.004.777				
	Purchased Option									27,810,000	0	0	702,003	XXX	702,003	454,776	0	(1,384,777)	0		XXX	XXX
	I Purchased Option									0		0	0	XXX	0	0	0	0	0		XXX	XXX
0479999999. Tota	I Purchased Option	s - Collars								0	0	0	0	XXX	0	0	0	0	0		XXX	XXX
04899999999. Tota	I Purchased Option	s - Other		<u> </u>						0	0	0	0	XXX	0	0	0	0	0	0	XXX	XXX
	I Purchased Option									29,143,902	610,467	0	3,154,590	XXX	3, 154, 590	776,946	n	(2,243,250)	0		XXX	XXX
			Effective Ev	cluding Variable Appuity Guarantee	s Under SSA	P No 108				0	n	0	2, 101, 300	XXX	٥, ١٥٠, ٥٥٥	,.,.	0	(=,2.0,200)	0		XXX	XXX
						140.100				0	0	0	,	XXX	0	0	0	0	0		XXX	XXX
บองลลลลลลล. อนิบิเ	Subtotal - Written Options - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108 Subtotal - Written Options - Hedging Effective Variable Annuity Guarantees Under SSAP No.108											0	0	^^^	0	0	0	0	0	0	^^^	^^^

						SCH	IEDU	LE D	B - P/	4K I <i>F</i>	1 - 2F		)N 1								
					Showing	all Option	s, Caps, F	loors, Coll	ars, Swaps	and Forwa	rds Open a	s of Curre	nt Stateme								
1 Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	3 Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	5  Exchange, Counterparty or Central Clearinghouse	6 Trade Date	7  Date of Maturity or Expiration	Number of Contracts	9 Notional Amount	Strike Price, Rate or Index Received (Paid)	11 Cumulative Prior Year(s) Initial Cost of Un- discounted Premium (Received) Paid	Premium	Current Year Income	Book/ Adjusted Carrying Value	15 16  Code Fair Va	Unrealized Valuation Increase/ue (Decrease	Exchange Change in		Adjustment to Carrying Value of Hedged Item	21 Potential Exposure	Credit Quality of Refer- ence Entity	Effectivene at Inception and at Quarter-er
OTC OPTION CALL WRITTEN, JUL20 SPX C	Equity Index Annuity			Wells Fargo Bank,					.JUL20 SPX C @	,											
@ 3089.13		Exhibit 5	Equity/Index.		0908/06/2019	07/15/2020 .	1,227	3,675,379		(94, 160	)0	0	(79,036)	(79	,036)154,98	2	049,817	0	0		. 0001
WRITTEN, AUG20 SPX C	Equity Index Annuity	F 1 11 14 F	F 14 // 1	DAID D. 14. DOWN INCEDITORION (CDC)	00 (04 (0040	00 (47 (0000	4 704	F 404 75	.AUG20 SPX C @		,		(327, 359)	(00	050) 07.00	10	0148.097				0004
@ 2989.81 OTC OPTION CALL		Exhibit 5	Equity/index.	BNP Paribas ROMUWSFPU8MPR08K5P8	3309/04/2019	08/17/2020 .	1,791	5, 191, 758	3 2989.81	(283, 175	)0	0	(327,359)	(327	, 359)97, 82	9	J148,097	0	0		. 0001
WRITTEN, SEP20 SPX C @ 3076.59		Exhibit 5	F / I = d=	BNP Paribas ROMUWSFPU8MPR08K5P8	10 /00 /0010	09/14/2020	1.839	5,474,309	_SEP20 SPX C @	(187.504	,	0	(277.514)	(277	.514) 107.48	.7	98.063	0	0		0001
OTC OPTION CALL		EXHIBIT 5	Equity/index.	BNP Paridas HOMOWSFPOOMPHOONSPO	3310/02/2019	09/ 14/2020 .		3,474,303	3076.59	( 187, 304	)		(211,314)	(211	, 5 14)107 , 48		J	0	0		0001
WRITTEN, OCT20 SPX C @ 3078.85	Equity Index Annuity Liabilities	Exhibit 5	Equity/Indox	BNP Paribas ROMUWSFPU8MPR08K5P8	11/01/2010	10/14/2020	1.037	3,080,399	OCT20 SPX C @	(182,481	, ,	0	(182, 118)	( 182	. 118) 3.64	7	95.435	0	0		0001
OTC OPTION CALL		EXIIIDIL 3	Equity/index.	DIVE FAITUAS	1011/01/2019	10/ 14/ 2020 .	1,001			,	)	0	(102,110)	( 102	, 110)		090,400	0	0		0001
WRITTEN, NOV20 SPX C @ 3223.46		Exhibit 5	Eauitu/Indov	BNP Paribas ROMUWSFPU8MPR08K5P8	12/00/2010	11/13/2020	1.157	3.583.200	.NOV20 SPX C @	(179,705	,	0	(132,330)	(132	.330)(15.69	10)	96, 195	0			0001
OTC OPTION CALL	Liabilities	EXIIIDIL 3	Equity/Index.	HSBC Bank USA,	1312/09/2019	11/13/2020	1, 13/	3,303,200	0 0220.40	(179,700	)	0	(132,330)	( 132	, 330)(13,69		090, 193	0	0		0001
WRITTEN, DEC20 SPX C @ 3278.58	Equity Index Annuity	Exhibit 5	Eauitu/Indov	National Association 1 E8VN30JCEQV1H4R80	0401/02/2020	12/14/2020	235	700 000	.DEC20 SPX C @ 5 3278.58	)	(39, 449)	0	(25, 460)	(26	.460)(6.47	(4)	0 20.464	0			0001
OTC OPTION CALL		EXIIIDIL 3	Equity/index.	ASSOCIATION HEOVISUUCEQVINANOL	1401/02/2020	12/ 14/ 2020 .	200			0	(39,449)		(20,400)	(20	,400)(6,47	4)	020,404	0			0001
WRITTEN, JAN21 SPX C @ 3421.73	Equity Index Annuity Liabilities	Exhibit 5	Equity/Index	BNP Paribas ROMUWSFPU8MPR08K5P8	02/04/2020	01/15/2021	338	1 107 20	.JAN21 SPX C @ 4 3421.73	)	(41,462)	0	(22, 332)	(2)	.332) 1.51	5	17.616	0	0		0001
OTC OPTION CALL		LAIIIDIL J	Lqui ty/ muex.	DIN FAITDAS NOMONO FOOMPROONS FO	0002/04/2020	01/13/2021		1, 107,03		0	(41,402)		(22,002)	(22	,302)						0001
WRITTEN, FEB21 SPX C @ 3363.9	Equity Index Annuity Liabilities	Eubibi+ E	Eauitu/Indov	Societe Generale 02RNE81BXP4R0TD8PU4	103/03/2020	02/12/2021	482	1.562.024	.FEB21 SPX C @	)	(31, 383)	0	(46,908)	( 46	,908)(26,31	0)	010.794	0			0001
OTC OPTION CALL		LXIIIDIL J	Lquity/illuex.	Societe dellerate Oznike orbar 4no ibor o4		02/ 12/2021 .	402	1,302,02	+ 0000.9	0	(31,303)		(40,900)	(40	,900)(20,31	(3)	0				0001
WRITTEN, MAR21 SPX C @ 2829.82		Fubility F	F (1 - d	DND D:	04/04/0000	03/15/2021	983	2.674.776	.MAR21 SPX C @	)	(136.116)	0	(420.815)	(400	.815)(319.90	.4)	35.202	0	0		0001
OTC OPTION CALL		Exhibit 5	Equity/index.	BNP Paribas ROMUWSFPU8MPR08K5P8	3304/01/2020	03/13/2021 .	983	2,074,770	2829.82	0	(130,110)		(420,813)	(420	,815)(319,90	(1)	J35,202	0	0		0001
	Equity Index Annuity	E 1 11 14 E	5 14 /I I	Goldman Sachs	05 (04 (0000	04/44/0004	004	4 000 44	_APR21 SPX C @	)	(407, 405)	•	(450,004)	/450	(70.00	10)	0 18.532		•		0004
@ 2860.24 OTC OPTION CALL		EXMIDIT 5	Equity/index.	International W22LROWP21HZNBB6K52	805/01/2020	04/14/2021 .	384	1,060,144	4 2860.24	0	(107,485)	0	(159,634)	(159	,634)(70,68	(0)	J18,532	0	0		. 0001
WRITTEN, MAY21 SPX C		E 1 11 14 E	5 14 /I I	Wells Fargo Bank,	00 /00 /0000	05 (47 (0004	000	000 041	.MAY21 SPX C @ 5 3020.13	)	(00, 004)	•	(107,902)	(40	000) (40.05	.0)	7.040		•		0004
0 3020.13		Exhibit 5		N. A	Ja . [06/02/2020	05/17/2021 .	339	990,94	0 3020.13	(927,025	(98,991)	U		XXX (1,781	, , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. ,	0		U	XXX	. 0001XXX
	Retirement- Low Rate			Goldman Sachs					8.000000 10Y		(404,000)	U	(1,701,400)	(1,70	, 100) (30,40	"	0 330, 137	1	0		1 ////
		Evhibit E	million flor	International WOOLDOWDOLLTNDDG//GO	00/05/0045	00/00/0005		E00 000 000		(2 625 000			(27 600)	(07	600) (104 40	0)	120 710			. 1	0001

INTITIEN, SET20 SFA C EQUITY ITIDEX ATTITUTY					
8 3076.59 Liabilities Exhibit 5 Equity/Index. BNP Paribas	( 187,504)	0(277,514)(277,514)	107,487	098,0630	0001
OTC OPTION CALL  WRITTEN, OCT20 SPX C Equity Index Annuity  OCT20 SPX C 0					
millien, Ucl20 SA C Equity Index Annuity 6 3078.85 Liabilities Exhibit 5 Equity/Index, BMP Paribas ROMUNSPUBMPROBK5P8311/01/2019 10/14/2020 1,037 3,080,395 3078.85	(182,481) 0	0 (182, 118) (182, 118)	3.647	0 95.435	0 0001
TO COPTION CALL	(102,401)	(102, 110)		35,400	,
INDITIEN, NOV2O SPX C Equity Index Annuity					
0 3223.46 Liabilities Exhibit 5 Equity/Index BNP Paribas ROMUNISFPU8MPR08K5P83 12/09/2019 11/13/2020 11/13/2020 3,583,200 3223.46	(179,705) 0	0(132,330)(132,330)	(15,690)	096, 1950	0001
OTC OPTION CALL HSBC Bank USA,				i i	
WRITTEN, DEC20 SPX C   Equity Index Annuity   National   DEC20 SPX C					
© 3278.58 Liabilities Exhibit 5 Equity/Index. Association 11E8VN30JCEQV1H4R804	0(39, 449)	0(25, 460)(25, 460)	(6,474)	020,4640	0001
OTC OPTION CALL					
RITTEN, JAN21 SPX C   Equity Index Annuity     JAN21 SPX C   6 3421.73   Liabilities   Exhibit 5   Equity/Index   BNP Paribas   ROMUNSFPUBNPROBKSP83   02/04/2020   01/15/2021   338   1,107,394   3421.73	0 (41, 462)	0 (22,332) (22,332)	1,515	0 17.616	0001
16 942.7.0 Liabilities Exhibit 5 Equity/index. one raribas Homone-room-room-room-room-room-room-room-roo	(41,402)	(22,332)(22,332)			,
URITTEN, FEB21 SPX C Equity Index Annuity					
3363.9       Liabilities     Exhibit 5	0 (31,383)	0(46,908)(46,908)	(26,319)	010,7940	0 0001
OTC OPTION CALL	(0.,000)	(40,000)	20,0.0,		331
WRITTEN, MAR21 SPX C Equity Index Annuity					
© 2829.82LiabilitiesExhibit 5Equity/Index. BNP ParibasRONUNSFPUMNPRO8K5P83 .   .04/01/2020   .03/15/2021  983	0 (136, 116)	0(420,815)(420,815)	(319,901)	035,2020	0001
OTC OPTION CALL					
WRITTEN, APR21 SPX C Equity Index Annuity Goldman Sachs			ll		
8 2860.24 Liabilities Exhibit 5 Equity/Index International W22LR0WP2IHZNBB6K52805/01/202004/14/20213841,060,144 2860.24	0(107,485)	0(159,634)(159,634)	(70,680)	018,5320	0001
OTC OPTION CALL  WRITTEN, MAY21 SPX C Equity Index Annuity  Wells Fargo Bank,  MAY21 SPX C @					
WHITEHN, WHAZELSFA C Equity Index Annuity   Wells Fargo Bank,	0 (98,991)	0 (107,902) (107,902)	(16,853)	0	0001
064999999. Subtotal - Written Options - Hedging Other - Call Options and Warrants	(927,025) (454,886)	0 (1,781,408) XXX (1,781,408)		0 598,157 0	0 XXX XXX
CAP WRITTEN, 8.000000   Retirement - Low Rate     INTEREST RISK   Goldman Sachs  8.000000 10Y			, , , , ,		
10Y CMS CAP Hedge Exhibit 5 International W22LROWP21HZNBB6K528 03/05/2015 03/09/2025 1 1 500,000,000 CMS CAP	(2,625,000) 0	0(27,688)(27,688)	( 134, 489)	0130,7100	0001
CAP WRITTEN, 8.000000 Retirement- Low Rate   INTEREST RISK Goldman Sachs  8.000000 10Y					
10Y CMS CAP	(2,625,000)	0(27,688)(27,688)	( 134, 489)	0130,7100	0001
CAP WRITTEN, 8.000000   Retirement - Low Rate   INTEREST RISK Goldman Sachs  8.000000 10Y			(0.000)		
10Y CMS CAP   Hedge	(157,500) 0	0(1,661)(1,661)	(8,069)	07,8430	0001
0669999999. Subtotal - Written Options - Hedging Other - Caps	(5,407,500) 0	0 (57,037) XXX (57,037)	(277,047)	0 269,263 (	0 XXX XXX
0709999999. Subtotal - Written Options - Hedging Other	(6,334,525) (454,886)	0 (1,838,445) XXX (1,838,445)	(367,504)	0 867,420 0	0 XXX XXX
077999999. Subtotal - Written Options - Replications	0 0	0 0 XXX 0	0	0 0 0	0 XXX XXX
084999999. Subtotal - Written Options - Income Generation	0 0	0 0 XXX 0	0		0 XXX XXX
091999999. Subtotal - Written Options - Other	0 0	0 0 XXX 0	0	ů ů	0 XXX XXX
0929999999. Total Written Options - Call Options and Warrants	(927,025) (454,886)	0 (1,781,408) XXX (1,781,408)	(90,457)	0 000,101	0 XXX XXX
093999999. Total Written Options - Put Options	0 0	0 0 XXX 0	0	5	0 XXX XXX
094999999. Total Written Options - Caps	(5,407,500) 0	0 (57,037) XXX (57,037)	(277,047)	0 269,263 0	0 XXX XXX
095999999. Total Written Options - Floors	0 0	0 0 XXX 0	0	0 0 0	0 XXX XXX
096999999. Total Written Options - Collars	0 0	0 0 XXX 0	0	0 0 0	0 XXX XXX
0979999999. Total Written Options - Other	0 0	0 0 XXX 0	0	0 0 0	0 XXX XXX
098999999. Total Written Options	(6.334.525) (454.886)	0 (1.838.445) XXX (1.838.445)	(367.504)	0 867.420 0	0 XXX XXX
Substitution of the substi	(-,)	(1,000,110)	(22. 1001)	, 120	1300
CME Group 3.410000					
CL INTEREST RATE SWAP, Cash Flow Hedge on INTEREST RISK Inc./Morgan Stanley 10/30/2020 [PAY					
REC FIXED, PAY 6ML   Floating Rate Asset   D-1	00	2	0	0 0 0	

Showing all Options,	Caps, Floors,	Collars, Swaps and	Forwards Open	as of Current Statement Date	

The control of the							Showing a	all Options	s, Caps, F	loors, Colla	rs, Swaps	and Forwa	rds Open as	s of Currer	nt Stateme	ent Date								
Proceedings	1	2	3	4		5	6	7	8	9	10		12	13	14	15	16	17	18	19	20	21	22	23
Decision													Current											1
Secondary   Control   Co		Description																						1
Description   Control of Contro																								
Description				T (-)				Data of							Deald			l long alima d						
Controlled   Con			Schedule/						Number					Current										
Compared for the part of the							Trade			Notional												Potential		
Martin   M	Description	or Replicated	Identifier	(a) ´	or Central	Clearinghouse	Date	Expiration	Contracts	Amount			Paid	Income	Value	Code	Fair Value	(Decrease)	B./A.C.V.	Accretion	Item	Exposure	Entity	(b)
Control of the cont					CME Group																			i
Record   Fig.	CL INTEREST RATE SWAP.	Cash Flow Hedge on		INTEREST RISK	Inc./Morgan Stanley	/																		i
Company   Comp	REC FIXED, PAY 6ML	Floating Rate Asset	D-1		& Co. LLC	LCZ7XYGSLJUHFXXNXD88	310/16/2013 .	10/30/2020 .	1	100,000		0	0	248	0		493	0	0	0	0	289		(100/100)
D. RECEST AND COMPANY OF THE PART NAME O					CME Group																			i
Comment of the Service   Comment of the Serv				INTEREST RISK	Inc./Morgan Stanley	/					10/30/2020 [PAY													i
	REC FIXED, PAY 6ML	Floating Rate Asset	D-1		& Co. LLC	LCZ7XYGSLJUHFXXNXD88	310/16/2013 .	10/30/2020 .	1	400,000		0	0	991	0		1,971	0	0	0	0	1, 156		(100/100)
A. MERCER SIGN SERVE   Conf. Fig.   The Fig.   The F					CME Group																			i
Conference   Con				INTEREST RISK							10/30/2023 [PAY													i
District of the Supplement   Control of the Supplement	REC FIXED, PAY 6ML	Floating Rate Asset	D-1		& Co. LLC	LCZ7XYGSLJUHFXXNXD88	310/16/2013 .	10/30/2023 .	1	100,000		0	0	536	0		8,514	0	0	0	0	913		(100/100)
Different and Table   Control Part Sept   Co					CMF Group																			i
Contract part and Declaration   Contract part and Declaratio	CL INTEREST RATE SWAP,	Cash Flow Hedge on		INTEREST RISK	Inc./Morgan Stanley	/					10/30/2023 [PAY													ı
Comparing the large of the la	REC FIXED, PAY 6ML	Floating Rate Asset	D-1		& Co. LLC	LCZ7XYGSLJUHFXXNXD88	310/16/2013 .	10/30/2023 .	1	6,800,000		0	0	36,471	0		578,927	0	0	0	0	62,084		(100/100)
Different and English   Company					CME Group																			1
Control   First   First   Supplementary   Control   First				INTEREST RISK	Inc./Morgan Stanley	/					10/30/2023 [PAY													ı
Description   Contract   State State   Contract   Con	REC FIXED, PAY 6ML	Floating Rate Asset	D-1		& Co. LLC	LCZ7XYGSLJUHFXXNXD88	310/16/2013 .	10/30/2023 .	1	600,000		0	0	3,220	0		51,082	0	0	0	0	5,478		(100/100)
MINEST RIT SUP_CALE Flow Helge					CME Group																			ı
Cath Horizon Nate SIAP,   Cath Horizon Pedge derivative   Cath Horizon Pedge derivative   Cath Horizon Stanley   Cath Horizon Horizon Stanley   Cath Horizon Stanley   Cath Horizon Horizon Stanley   Cath Horizo				INTEREST RISK	Inc./Morgan Stanley						4/13/2030 [PAY													ı
Colored State Support   Colo	REC FIXED, PAY 6ML	Floating Rate Asset	D-1		& Co. LLC	LCZ7XYGSLJUHFXXNXD88	303/17/2015 .	04/13/2030 .	1	10,000,000		0	0	28,577	0		1,647,558	0	0	0	0	156,459		(100/100)
FEC ML, PNY FIXED		Cash flow hedge			CME Group																			ı
Cash flow hedge   Cash flow			L.	INTEREST RISK	Inc./Morgan Stanley	/						_			_			_						l
Cliffeest RATE SIJAP   Interest RATE SIJAP	REC 1ML, PAY FIXED	products	D-1		& Co. LLC	LCZ/XYGSLJUH-XXNXD88	30//29/2015 .	07/25/2020 .	1	12,600,000		0	0	(33,067)	0		(12,880	0	0	0	0	16,488		(100/100)
FEC ML, PAY FIXED   products   Cash flow hedge					CME Group						SWP: USD													ı
Cash flow hedge CL INTEREST RATE SIAP REC ML, PAY FIRED D-1  CASH Flow hedge CL INTEREST RATE			D 4	INTEREST RISK	Inc./Morgan Stanley	/	40 (07 (0040	40 (04 (0000		400 000 000				(050,054)			(7.770.004)					4 747 407		(400 (400)
CLINTEREST RATE SIAP, For Tagged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 INTEREST RISK SIAP, FAY FIRED Portaged erivative products D-1 SASSON D-2 S	HEC 1ML, PAY FIXED	products	D-1		& Co. LLC	LCZ/XYGSLJUHFXXNXD88	310/2//2016 .	10/31/2023 .	1	188,000,000		0	0	(258,954)	0		(7,770,031	0	0	0	0	1, /1/, 13/		(100/100)
FEC 1ML PAY FIXED											SWP: USD													i
Cash flow hedge mortgage derivative products EC 1ML, PAY FIXED products			D 4	INTEREST RISK	Inc./Morgan Stanley	/   1.077777000	10 /07 /00 10	10 /01 /0000		4 000 000			0	/F F10\	_		(10F 000					00 505		(100 (100)
Cash flow hedge   Cash flow	HEC INL, PAY FIXED	products	D-1		& CO. LLC	LUZ/AYGOLJUNFAANADOO	310/2//2016 .	10/31/2023 .		4,000,000		0		(0,010)			(100,320		0	0				(100/100)
FEC 1ML PAY FIXED   products   D-1   & Co. LLC   WAM6YEMIS70XFZU0Y219   12/20/2017   12/15/2024   1   199,000,000   EC-2024											SWP: USD													ı
CL INTEREST RATE SIMP, mortgage derivative products.  Cash flow hedge mortgage derivative products.  CL INTEREST RATE SIMP, mortgage derivative products.  Cash flow hedge mortgage derivative products.  Cash flow h			D_1	INTEREST RISK	LLC/Morgan Stanley	WAMEVERMOTOVETHOUSE	12/20/2017	12/15/2024		100 000 000		0	0	(1 100 214)	_		(17 757 622		0	0		2 006 055		(100/100)
CL INTEREST RATE SINAP,   mortgage derivative   PEC TML, PAY FIXED   D-1   INTEREST RATE SINAP,   mortgage derivative   Cash flow hedge   CL INTEREST RATE SINAP,   mortgage derivative   PEC TML, PAY FIXED   D-1   INTEREST RATE SINAP,   mortgage derivative   PEC TML, PAY FIXED   D-1   INTEREST RATE SINAP,   mortgage derivative   PEC TML, PAY FIXED   D-1   INTEREST RATE SINAP,   mortgage derivative   PEC TML, PAY FIXED   D-1   INTEREST RATE SINAP,   mortgage derivative   PEC TML, PAY FIXED   D-1   INTEREST RATE SINAP,   mortgage derivative   PEC TML, PAY FIXED   D-1   INTEREST RATE SINAP,   mortgage derivative   D-1   INTEREST RATE SINAP,   mortgage derivative   D-1   INTEREST RATE SINAP,   mortgage derivative   PEC TML, PAY FIXED   D-1   INTEREST RATE SINAP,   mortgage derivative   D-1   INTEREST RATE SINAP,   mortgage derivative   INTEREST RATE SINAP,   mortgage	nec ime, FAI I IAED	products	U-1		a 00. LL0	MAMOTENIIS/ON ZOUTZ IS	12/20/2017	12/ 13/ 2024 .		190,000,000				(1,132,314)			( 17,757,052					2,000,900		(100/100)
REC 1ML, PAY FIXED products D-1 & Cash flow hedge Cash flow he		Cash flow hedge																						i
Cash flow hedge CL INTEREST RATE SWAP, mortgage derivative PEC 1ML, PAY FIXED products	CL INTEREST RATE SWAP,		D_1	INTEREST RISK	LLC/Morgan Stanley	WAMEVERMS70YE7I INVOICE	12/20/2017	12/15/2024	1	4 000 000		0	0	(25 101)			(373 8/15	0	0	0		12 252		(100/100)
CL INTEREST RATE SWAP, mortgage derivative REC 1ML, PAY FIXED products	TIEO IME, TAT TIAED	products	D 1		d 00. LL0	IIAMOTETIMOTOXI ZOUTZ IS	12/20/2017	12/ 13/2024 .		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				(25, 101)			(070,040							(100/100)
REC 1ML, PAY FIXED																								ı
Cash flow hedge CL INTEREST RATE SNAP, mortgage derivative products  Cash flow hedge CL INTEREST RISK   LC/Norgan Stanley  CL INTEREST RISK   LC/N			n_1	INTEREST RISK			08/14/2018	08/25/2025		10 000 000		0	0	(85.028)			(1 335 //25	0	0	0		113 536		(100/100)
CL INTEREST RATE SWAP, mortgage derivative REC 1ML, PAY FIXED products	INC INC, INITIALU	·					,00/ 14/2010 .			10,000,000	REC 1ML [PAY			(00,020)			(1,000,420					110,300		(100/100)
REC 1ML, PAY FIXED   products   D-1   & Co. LtC   NAM6YERIMS70XFZU0Y219   .08/14/2018   .08/25/2025   1   .12,000,000   AUG-2025]   0   (1,602,511)   0   0   0   (1,602,511)   0   0   0   136,243   (100/100)   REC 1ML [PAY FSIIP: USD   REC 1ML [PAY F	a wrenear page			INTEREST FIRM																				,
Cash flow hedge LCH. Clearnet FSWP: USD CL INTEREST RATE SWAP, mortgage derivative INTEREST RISK LLC/Morgan Stanley 2.833000 25-			D-1				08/14/2018	08/25/2025	1	12 000 000		n	0	(102 034)	n		(1 602 511	n	n	n	n	136 243		(100/100)
CL INTEREST RATE SWAP, mortgage derivative INTEREST RISK LLC/Morgan Stanley 2.833000 25-	ime, ini ince										REC 1ML [PAY			(102,004)			(1,002,011					100,240		( .55/ 100/
ULL INITEREST HAIE SWAP, mortgage derivative   INITEREST HISK   LLC/Morgan staniey	OL INTEREST DATE SWAR			INTEREST BLOW																				i
	REC 1ML. PAY FIXED	mortgage derivative	D-1				08/14/2018	08/25/2025	1	375.000.000		0	0	(3.188.563)	n		(50.078.458	n	0	0	0	4.257.598		(100/100)

CL INTEREST RATE SWAP, mortgage derivative

CL INTEREST RATE SWAP, mortgage derivative

CL INTEREST RATE SWAP, mortgage derivative products .....

Cash flow hedge

Cash flow hedge

Cash flow hedge

REC 1ML, PAY FIXED .... products .

REC 1ML, PAY FIXED .... products .

REC 1ML, PAY FIXED .... products ..

#### STATEMENT AS OF JUNE 30, 2020 OF THE VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY

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

						COL			D - 1 7	71	T - OL	O I IC	, i , i									
				S	Showing a	all Option	s, Caps, F	loors, Colla	ars, Swaps	and Forwa	rds Open a	s of Curre	nt Stateme	ent Date								
1	2	3	4	5	6	7	8	9	10	11 Cumulative	12	13	14	15	16	17	18	19	20	21	22	23
	Description of Item(s)								Strike	Prior Year(s) Initial Cost	Current Year Initial Cost of										Credit	Hedge
	Hedged,								Price,	of Un-	Un-						Total	Current	Adjustment			
	Used for Income	Schedule/	Type(s) of			Date of Maturity	Number		Rate or Index	discounted Premium	discounted Premium	Current	Book/ Adjusted			Unrealized Valuation	Foreign Exchange	Year's (Amorti-	to Carrying Value of		of Refer-	at Inception and at
	Generation	Exhibit	Risk(s)	Exchange, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying			Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-end
Description	or Replicated	Identifier	(a)	or Central Clearinghouse	Date	Expiration	Contracts	Amount	(Paid)	Paid	Paid	Income	Value	Code I	Fair Value	(Decrease)	B./A.C.V.	Accretion	Item	Exposure	Entity	(b)
	Cash flow hedge			LCH. Clearnet					REC 1ML [PAY FSWP: USD													
CL INTEREST RATE SWAP REC 1ML. PAY FIXED	, mortgage derivative	D-1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	08/14/2018	08/25/2028	1	17.000.000	2.882500 25- 1 AUG-20281	0	0	(146.398	) 0		(3.369.990)	,	0	١ ،		242.792		(100/100)
inco inic, TAT TIACO					1.007 147 2010			17,000,000	REC 1ML [PAY				,		(0,000,000)					242,702		(100/100/
CL INTEREST RATE SWAP	Cash flow hedge mortgage derivative		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					FSWP: USD 2.882500 25-													
REC 1ML, PAY FIXED		D-1		& Co. LLCWAM6YERMS70XFZU0Y219 .	08/14/2018	08/25/2028 .	1	332,000,000		0	0	(2,859,070	)0		(65,813,924)	0	0	0	00	4,741,590		(100/100)
	Cash flow hedge			LCH. Clearnet					REC 1ML [PAY FSWP: USD													
CL INTEREST RATE SWAP REC 1ML. PAY FIXED		n_1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	09/14/2019	08/25/2029	١.,	4 000 000	2.882500 25- AUG-20281	0	0	(34.447			(792.939)	,	0			57.128		(100/100)
INCO INIC, TAT TIALD		D 1			00/ 14/2010	00/23/2020		,,000,000	REC 1ML [PAY			(07,777	,		(132,300)					, 120		(100/100)
CL INTEREST RATE SWAP	Cash flow hedge mortgage derivative		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					FSWP: USD 3.189000 15-													
REC 1ML, PAY FIXED		D-1		& Co. LLC WAM6YERMS70XFZU0Y219 .	10/04/2018	10/15/2033 .	1	3,000,000	0CT-2033]	0	0	(30,587	)0		(988,364)	0	0	0	0	54,707		(100/100)
	Cash flow hedge			LCH. Clearnet					REC 1ML [PAY FSWP: USD													
CL INTEREST RATE SWAP REC 1ML, PAY FIXED		D_1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	10/04/2018	10/15/2033	1	95 000 000	3.189000 15- 0 0CT-2033]	0	0	(968.590	0		(31,298,207)	,	0	_		1,732,375		(100/100)
INCO INIC, TAT TIALD		D 1			10/04/2010	10/13/2000 .		50,000,000	REC 1ML [PAY			(300,330	,		(01,230,201					1,702,073		(100/100)
CL INTEREST RATE SWAP	Cash flow hedge mortgage derivative		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					FSWP: USD 3.189000 15-													
REC 1ML, PAY FIXED		D-1		& Co. LLCWAM6YERMS70XFZU0Y219 .	10/04/2018	10/15/2033 .	1	2,000,000	OCT-2033] REC 1ML [PAY	0	0	(20,391	)0		(658,910)	0	0	0	0	36,471		(100/100)
	Cash flow hedge			LCH. Clearnet					FSWP: USD													
CL INTEREST RATE SWAP REC 1ML, PAY FIXED		D_1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	10/00/2018	10/15/2025	1	7 000 000	3.105600 15- 0 0CT-2025]	0	0	(71,217	0		(1.056.927	,	0	_		80.545		(100/100)
INCO INIC, TAT TIALD	,	D 1			10/03/2010	10/ 13/ 2023 .			REC 1ML [PAY			(/1,21/	,		(1,000,021							(100/100)
CL INTEREST RATE SWAP	Cash flow hedge , mortgage derivative		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					FSWP: USD 3.105600 15-													
REC 1ML, PAY FIXED		D-1		& Co. LLC WAM6YERMS70XFZU0Y219 .	10/09/2018	10/15/2025 .	1	225,000,000		0	0	(2,289,101	)0		(33,972,660)	0	0	0	0	2,588,940		(100/100)
	Cash flow hedge			LCH. Clearnet					FSWP: USD													
CL INTEREST RATE SWAP REC 1ML. PAY FIXED	, mortgage derivative	D_1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	10/00/2019	10/15/2025		4 000 000	3.105600 15- 0 0CT-2025]	0	0	(40,695			(603,958)	,	0			46.026		(100/100)
INC INC, FAI I IAEU		V 1			10/ 03/ 20 10	10/ 13/ 2023 .			REC 1ML [PAY	0		(40,093	,0		(000,930)	u	0			90,020		(100/100)
CL INTEREST RATE SWAP	Cash flow hedge , mortgage derivative		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					SWP: USD 2.542000 25-													
REC 1ML, PAY FIXED		D-1	LILOT IIION	& Co. LLC WAM6YERMS70XFZU0Y219 .	12/28/2018	12/25/2023 .	1	128,000,000	DEC-2023]	0	0	(917, 105	)0		(10,694,431)	0	0	0	0	1, 195, 220		(100/100)
	Cash flow hedge			LCH. Clearnet					REC 1ML [PAY SWP: USD													
CL INTEREST RATE SWAP	, mortgage derivative	D_1		LLC/Morgan Stanley	10 /00 /00 10	10 (05 (0000	l .	1 000 000	2.542000 25-			(12.907			(150, 200)	_		Ι.,		16 909	.]	(100/100)

..1,800,000 DEC-2023]

.5,000,000 DEC-2024]

.40,000,000 DEC-2024]

.850,000,000 DEC-2024]

....REC 1ML [PAY SWP: USD

...REC 1ML [PAY SWP: USD

1.651000 25-

1.651000 25-

....REC 1ML [PAY SWP: USD

1.651000 25-

WAM6YERMS70XFZU0Y219 . ..12/28/2018 ...12/25/2023

WAM6YERMS70XFZU0Y219 . . . 12/24/2019 . . . 12/25/2024

WAM6YERMS70XFZU0Y219 . ..12/24/2019 ...12/25/2024

..12/24/2019 .

WAM6YERMS70XFZU0Y219 .

LCH. Clearnet

LCH. Clearnet

LCH. Clearnet

INTEREST RISK LLC/Morgan Stanley & Co. LLC

INTEREST RISK LLC/Morgan Stanley

INTEREST RISK LLC/Morgan Stanley
& Co. LLC

099999999. Subtotal - Swaps - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108 - Interest Rate

...(12,897)

. (14,058)

...(112,466)

.(2,389,904)

0 (14,714,322)

...(150,390)

..(326,443)

...(2,611,541

.(55, 495, 251

0 XXX (284,615,380)

.16,808

..52,976

.423,812

0 28,843,835 XXX

(100/100)

(100/100)

(100/100)

S	showing a	II Options	, Caps, F	Floors, Col	lars, 🤄	Swaps a	and F	orwar	ds O <sub>l</sub>	pen a	s of C	urrer	nt Stateme	nt Date	)

					Showing a	all Options	s, Caps, F	loors, Colla	ars, Swaps	and Forwa	rds Open a	is of Curre	nt Stateme	nt Date							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 16	17	18	19	20	21	22	23
										Cumulative	Current										
	Description									Prior Year(s)	Current Year Initial										
	of Item(s)								Strike	Initial Cost	Cost of									Credit	Hedge
	Hedged,								Price,	of Un-	Un-					Total	Current	Adjustment			
	Used for		Type(s)			Date of			Rate or	discounted	discounted		Book/		Unrealized	Foreign	Year's	to Carrying		of	at Inception
	Income Generation	Schedule/ Exhibit	of Risk(s)	Exchange, Counterparty	Trade	Maturity or	Number of	Notional	Index	Premium (Pageiyad)	Premium (Passived)	Current Year	Adjusted		Valuation	Exchange Change in	(Amorti-	Value of	Potential	Refer-	and at
Description	or Replicated	Identifier	(a)	or Central Clearinghouse	Date	Expiration	Contracts	Amount	Received (Paid)	(Received) Paid	(Received) Paid	Income	Carrying Value	Code Fair Value	Increase/ (Decrease)	B./A.C.V.	zation)/ Accretion	Hedged Item	Exposure	ence Entity	Quarter-end (b)
Boomption	Hedge of Fixed Rate	1001101101	(ω)	or contrar creamignedec	Date		Contracto	7 4110 4111	, 7				7 4.40	7 4 7 4	(200.000)	5.,, 0., .	71001011011			Linuty	(5)
CURRENCY SWAP, CSWAP:	Foreign Denominated			DAID D. 11. DOWNWOOD WARDON COOK	00 (44 (0040	00 (00 (0000		440 400	CSWAP: EUR/USD			4 404	0.4	0.00		(64)			4 400		(400 (400)
EUR/USD 9/23/2026	AFS Security Hedge of Fixed Rate	D-1	. Currency	BNP Paribas ROMUWSFPU8MPR08K5P83 .	09/14/2016	09/23/2026 .		112,400	9/23/2026	205	0	1, 121	94	6,08	۰۰۰	(64)	0		1,403		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD												
EUR/USD 9/23/2026	AFS Security	D-1	. Currency	BNP Paribas ROMUWSFPU8MPR08K5P83 .	09/14/2016	09/23/2026 .	1	112,400	9/23/2026	205	0	1, 121	85		30	(65)	0	0	1,403		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								.CSWAP: EUR/USD												
EUR/USD 9/23/2026	AFS Security	D-1	. Currency	BNP Paribas ROMUWSFPU8MPR08K5P83 .	09/14/2016	09/23/2026 .	1	112,400	9/23/2026	205	0	1, 121	85		30	(65)	0	0	1,403		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								CSWAP: EUR/USD												
EUR/USD 9/23/2026	AFS Security	D-1	Currency	BNP Paribas ROMUWSFPU8MPR08K5P83 .	09/14/2016	09/23/2026 .	1	11,577,200		21, 115	0	115,484	8,755	625,55	20	(6,695)	0	0	144,548		(100/100)
	Hedge of Fixed Rate		,																		
CURRENCY SWAP, CSWAP: EUR/USD 9/23/2028	Foreign Denominated AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/14/2016	00/22/2020	1	7,081,200	CSWAP: EUR/USD	12,915	0	68,531	5,355	409,30	, ,	(4,095)	١ ,		101,624		(100/100)
LON/ 03D 9/23/ 2020	Hedge of Fixed Rate	D-1	. our rency	OTTIBAIR, N.A 57002112711 3211121 A70	03/ 14/2010	03/23/2020 .	'		9/23/2020	12,913				405,00		(4,093)			101,024		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated	L							CSWAP: EUR/USD												
EUR/USD 9/23/2028	AFS Security Hedge of Fixed Rate	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/14/2016	09/23/2028 .	1	112,400	9/23/2028	205	0	1,088	85	6,49	70	(65)	0	0	1,613		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD												
EUR/USD 11/15/2023	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2023 .	1	22,390,000	11/15/2023	933,000	0	226,482	(73,000)	752,25	60	(13,000)	0	0	205,759		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								CSWAP: EUR/USD												
EUR/USD 11/15/2023	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2023 .	1	111,950	11/15/2023	4,665	0	1, 132	(365)	3,76	10	(65)	0	0	1,029		(100/100)
OURDENION OWAR ASSESSED	Hedge of Fixed Rate								000010 500 4000												
CURRENCY SWAP, CSWAP: EUR/USD 11/15/2023	Foreign Denominated AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2023 .	1	111 950	CSWAP: EUR/USD 11/15/2023	4,665	0	1.132	(365)	3.76	1 0	(65)	0	0	1,029		(100/100)
	Hedge of Fixed Rate			orespand, dans orespending of the contract of						,		,	(000)			(00)			, 020		(1007 1007 11111
CURRENCY SWAP, CSWAP:	Foreign Denominated			0:4:1. I N A 57007W77FF00TWFF470	00 (07 (00 40	44 (45 (0000		444 050	CSWAP: EUR/USD			4 400	(005)	0.70		(65)	_		4 000		(400 (400)
EUR/USD 11/15/2023	AFS Security Hedge of Fixed Rate	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2023 .		950	11/15/2023	4,665	0	1, 132	(365)	3,76	١٠٠	(65)	0		1,029		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD												
EUR/USD 11/15/2023	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2023 .	1	111,950	11/15/2023	4,665	0	1, 132	(365)	3,76	1  0	(65)	0	0	1,029		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								CSWAP: EUR/USD												1
EUR/USD 11/15/2028	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2028 .	1	111,950	11/15/2028	4,665	0	1,050	(365)	5,96	40	(65)	0	0	1,621		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								CSWAP: EUR/USD												
EUR/USD 11/15/2028	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2028 .	1	111,950	11/15/2028	4,665	0	1,050	(365)	5,96	40	(65)	0		1,621		(100/100)
OLIDDENOV CHAR COM:	Hedge of Fixed Rate																				1
CURRENCY SWAP, CSWAP: EUR/USD 11/15/2028	Foreign Denominated AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2028 .	1	111 050	CSWAP: EUR/USD 11/15/2028	4,665	n	1,050	(365)	5,96	4 0	(65)	n	0	1,621		(100/100)
	Hedge of Fixed Rate	T	. oui i ono y	OTODERETTI OZIRELATO								,,000	(000)			(00)					(.50/100/
CURRENCY SWAP, CSWAP:	Foreign Denominated	D 4	0	O:A:bI. N.A. F70D7W77FF00TWF5170	00 /07 /00 40	11 /15 /0000		40 000 050	CSWAP: EUR/USD			150 100	(50.405)	050.00		(0.005)	_		004 700		(100 (100)
EUR/USD 11/15/2028	AFS Security Hedge of Fixed Rate	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2028 .	1	16,008,850	11/15/2028	667,095	0	150 , 122	(52, 195)	852,82	¹ <del> </del> 0	(9,295)	0	0	231,763		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD												1
EUR/USD 11/15/2026	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2026 .	1	111,950	11/15/2026	4,665	0	1,087	(365)	5,57	20	(65)	0	0	1,414		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								_CSWAP: EUR/USD												1
EUR/USD 11/15/2026	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2026 .	1	9,627,700	11/15/2026	401, 190	0	93,517	(31,390)	479,20	40	(5,590)	0	0	121,599		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate								.CSWAP: EUR/USD												
EUR/USD 11/15/2026	Foreign Denominated AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2026 .	1	111,950	CSWAP: EUR/USD 11/15/2026	4,665	0	1,087	(365)	5,57	20	(65)	0	0	1,414		(100/100)
	Hedge of Fixed Rate		,																		
CURRENCY SWAP, CSWAP: EUR/USD 11/15/2026	Foreign Denominated AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	09/27/2016	11/15/2026 .	4	111 050	CSWAP: EUR/USD 11/15/2026	4.665	٥	1.087	(365)	5,57	2 0	(65)		0	1,414		(100/100)
LOII/ 00D 11/ 10/ 2020	I'm o occurrity		. out i ono y	POLITICALIN, IN.A STODEHETTI SETHELATO		1/ 10/2020 .			11/ 10/ 2020		h		(000)	J, J/	LU					1	( 100/ 100/

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date
--

					Showing a	all Option:	s, Caps, Fl	loors, Colla	rs, Swaps	and Forwa	rds Open as	s of Currei	nt Stateme	nt Date	;							
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
										Prior	Current											1
	Description									Year(s)	Year Initial											1
	of Item(s)								Strike	Initial Cost	Cost of										Credit	Hedge
	Hedged,								Price,	of Un-	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)	Evolundo Counterparty	Trade	,	of	Notional		(Received)	(Received)	Year	Carrying			Increase/	Change in	zation)/		Potential		Quarter-end
Description	or Replicated	Identifier	(a)	Exchange, Counterparty or Central Clearinghouse	Date	or Expiration		Amount	Received (Paid)	Paid	Paid	Income	Value	Codo	Fair Value	(Decrease)	B./A.C.V.	Accretion	Hedged Item	Exposure	ence Entity	(b)
Description	Hedge of Fixed Rate	identifier	(a)	or Certifal Cleaninghouse	Date	Expiration	Contracts	Amount	(Faiu)	Faiu	Faiu	IIICOIIIE	value	Code	raii vaiue	(Declease)	B./A.C.V.	Accietion	ILEIII	Exposure	⊏⊓uty	(b)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD													1
GBP/USD 12/15/2026	AFS Security	D_1	Currency	BNP Paribas	3 10/07/2016	12/15/2026 .	1	11,426,400		13.340	0	51.180	58.880		506.861	0	820 , 180	n	0	145,244		(100/100)
GBI 7 GGD 127 107 2020	Hedge of Fixed Rate		our renoy	Dia 1 di 10do Homonoi i com nocito d	0	1.12/10/2020			12/ 10/ 2020											140,244		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD													1
GBP/USD 12/15/2026	AFS Security	D-1	Currency	BNP Paribas	310/07/2016	12/15/2026 .	1	124.200	12/15/2026	145	0	556	640		5,509	0	8,915	0	0	1,579		(100/100)
	Hedge of Fixed Rate		,														·					1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD													1
GBP/USD 12/15/2026	AFS Security	D-1	Currency	BNP Paribas ROMUWSFPU8MPR08K5P8	310/07/2016	12/15/2026 .	1	124,200	12/15/2026	145	0	556	640		5,509	0		0	0	1,579		(100/100)
	Hedge of Fixed Rate																					1
CURRENCY SWAP, CSWAP:	Foreign Denominated		_						CSWAP: GBP/USD		_					_		_				1
GBP/USD 12/15/2026	AFS Security	D-1	Currency	BNP Paribas ROMUWSFPU8MPR08K5P8	310/07/2016	12/15/2026 .	1	124,200	12/15/2026	145	0	556	640		5,509	0	8,915	0	0	1,579		(100/100)
OUDDENOV OWAD COWAD	Hedge of Fixed Rate			0.14 0.1					COWAR ORD (HOD													1
CURRENCY SWAP, CSWAP: GBP/USD 11/23/2028	Foreign Denominated	D 4	0	Goldman Sachs International W22LROWP21HZNBB6K52	810/14/2016	11/23/2028 .		48,860,000	CSWAP: GBP/USD	(736,000		181, 143	(564,000)		666 , 981		3,566,000	,	0	708,280		(100/100)
GBP/USD 11/23/2028	AFS Security Hedge of Fixed Rate	D-1	. Currency	. International W22LROWP21HZNBB6K52	810/ 14/2016	11/23/2028 .		48,860,000	11/23/2028	(736,000	١٠٠	181, 143	(304,000		000,981		3,300,000	0	0	/08,280		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs					.CSWAP: GBP/USD													1
GBP/USD 11/23/2028	AFS Security	D_1	. Currency	. International W22LROWP21HZNBB6K52	8 10/14/2016	11/23/2028 .	1	244.300	11/23/2028	(3,680		906	(2,820)		3.335	0	17.830	n	0	3,541		(100/100)
GBI 7 GGD 117 EG7 EGEG	Hedge of Fixed Rate		our renoy	THEOTHER FORET WELLIOM ETTERBOOKOE	0				11/20/2020	(0,000	,		2,020		,0,000							(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs					CSWAP: GBP/USD													1
GBP/USD 11/23/2028	AFS Security	D-1	Currency	International W22LROWP21HZNBB6K52	810/14/2016	11/23/2028	1	610,750	11/23/2028	(9,200	00	2,264	(7,050		8,337	0	44,575	0	0	8,853		(100/100)
	Hedge of Fixed Rate																					1
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs					CSWAP: GBP/USD													1
GBP/USD 11/23/2028	AFS Security	D-1	Currency	. International W22LROWP21HZNBB6K52	810/14/2016	11/23/2028 .	1	122 , 150	11/23/2028	(1,840	)0	453	(1,410)		1,667	0	8,915	0	0	1,771		(100/100)
	Hedge of Fixed Rate																					1
CURRENCY SWAP, CSWAP:	Foreign Denominated		_	Goldman Sachs	_				CSWAP: GBP/USD		_					_		_				1
GBP/USD 11/23/2028	AFS Security	D-1	. Currency	. International W22LROWP21HZNBB6K52	810/14/2016	11/23/2028 .	1	244,300	11/23/2028	(3,680	)0	906	(2,820)		3,335	0	17,830	0	0	3,541		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								_CSWAP: GBP/USD													1
GBP/USD 11/10/2026	AFS Security	D 1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	10/19/2016	11/10/2026 .		23,885,280		(332,710		97.737	(85,360)		602,028		1,729,510	0	0	301,351		(100/100)
UDF/U3D 11/10/2020	Hedge of Fixed Rate	D-1	. Cui i ency	. CITIDANK, N.A 570DZWZ7FF3ZIWEFA70	10/ 19/20 10	11/10/2020 .		23,003,200	11/10/2020	(332,710	/		(00,300)		002,020		1,729,510	0				(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								.CSWAP: GBP/USD													1
GBP/USD 11/10/2026	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	10/19/2016	11/10/2026 .	1	123 , 120	11/10/2026	(1,715	0	504	(440		3, 103	0	8,915	0	0	1,553		(100/100)
	Hedge of Fixed Rate		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1		T i		.,									, , , , ,			,		1
CURRENCY SWAP, CSWAP:	Foreign Denominated					1	1		CSWAP: GBP/USD		1		1	l		1						i l
GBP/USD 11/10/2026	AFS Security	D-1	Currency	. Citibank, N.A 570DZWZ7FF32TWEFA76	10/19/2016	11/10/2026 .	1	123 , 120	11/10/2026	(1,715	)0	504	(440)		3, 103	0	8,915	0	0	1,553		(100/100)
	Hedge of Fixed Rate					1					]		I	1		I						ı l
CURRENCY SWAP, CSWAP:	Foreign Denominated	L .	1.			1	1		CSWAP: GBP/USD		]	_			_	I						1
GBP/USD 11/10/2026	AFS Security	υ–1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76		11/10/2026 .	<b>∤1</b> ∤	123 , 120	11/10/2026	(1,715	ļ0 ļ.	504	(440)		3, 103	0	8,915	0	0	1,553		(100/100)
OURDENOV OWAR COWAR	Hedge of Fixed Rate								CSWAP: GBP/USD													1
CURRENCY SWAP, CSWAP: GBP/USD 11/10/2026	Foreign Denominated AFS Security	D 4	0	Citibank, N.A 570DZWZ7FF32TWEFA76	10/19/2016	11/10/2026 .		100 100	11/10/2026	(1.715		504	(440)		3.103				0	1,553		(100/100)
GBP/USD 11/10/2020	Hedge of Fixed Rate	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76		11/10/2020 .	······	123, 120	11/10/2026	(1,715	/U		(440)					0		1,553		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD													1
GBP/USD 2/20/2027	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	11/01/2016	02/20/2027	1	7,338,000		(133,500	0	25,724	(75,600		94,660	0	534,900	0	0	94,590		(100/100)
0517 005 27207 2021	Hedge of Fixed Rate			orthodin, itini iiiii orobenerii oemerii		1.02/20/202/			_, _0, _0													(100, 100, 11111
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD													1
GBP/USD 2/20/2025	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	11/01/2016	02/20/2025 .	1	9,478,250		(172,438	)o L	33,997	(97,650)		105,905	0	690,913	0	0	102, 156		(100/100)
	Hedge of Fixed Rate		,			1	[				1		1			1						1
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs		1			CSWAP: EUR/USD		]		I	1		I						1
EUR/USD 12/8/2023	AFS Security	D-1	Currency	. International W22LR0WP21HZNBB6K52	811/18/2016	12/08/2023 .	1	105,800	12/8/2023	(315	0	1, 182	(6,515)		(1,962	0	(65)	0	0	981		(100/100)
	Hedge of Fixed Rate					1	1				]		I			I						į l
CURRENCY SWAP, CSWAP:	Foreign Denominated	l.,	l.	Goldman Sachs	0 44 /40 /00 :-	40 /00 /000		105 0	CSWAP: EUR/USD		] _[		/2 5		,,,,	J -		_		25.		(400 (400)
EUR/USD 12/8/2023	AFS Security	υ-1	Currency	International W22LROWP21HZNBB6K52	811/18/2016	12/08/2023 .	<b>∤</b> 1∤	105,800	12/8/2023	(315	۱ ۱	1, 182	(6,515)		(1,962	ł0	(65)	0	0	981		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate			Goldman Sache		1	1		CSWAP: EUR/USD		]		I			I						į l
EUR/USD 12/8/2023	Foreign Denominated AFS Security	n_1	Currency	Goldman Sachs International W22LROWP21HZNBB6K52	811/18/2016	12/08/2023 .	4	105 000	CSWAP: EUR/USD 12/8/2023	(315	ام	1, 182	(6,515	l	(1,962	_	(65)	^	0	981		(100/100)
LUN/ UUU 12/ 0/ 2020	Inio occurrly	יייו וייין	. our rency	.   III. UII ALI UII AII II ZZENUII FZINZI NBBON 32	0 .     1   10/20   10	4.14/00/2023.		บบอ, ๐บบ	12/0/2020	(313	/U <u>.</u>	, 102				/LU	(co)	U	U	bg I		(100/100)

Showing all Options, Caps, Floors	, Collars, Swaps and Forwards O	pen as of Current Statement Date
-----------------------------------	---------------------------------	----------------------------------

					Showing a	all Options	s, Caps, Fl	loors, Colla	ars, Swaps	and Forwa	rds Open as	of Curre	nt Stateme	nt Date	<b>:</b>							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
										Cumulative												
										Prior	Current											
	Description									Year(s)	Year Initial											
	of Item(s)								Strike	Initial Cost	Cost of										Credit	Hedge
	Hedged,								Price,	of Un-	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)	Exchange, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying			Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-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)
Decomption	Hedge of Fixed Rate	identino	(α)	or central oleaninghouse	Date	Expiration	Contracto	7 tillount	(i did)	i did	i uiu	moomo	Value	Couc	T dii Value	(Dedicase)	D.17 t. O. v .	71001011011	itom	Expodure	Linety	(5)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs					CSWAP: EUR/USD													
EUR/USD 12/8/2023	AFS Security	D-1	Currency	International W22LROWP21HZNBB6K52	811/18/2016	.12/08/2023 .	1	15, 129, 400		(45,045	0	169.050	(931,645		(280,619	0	(9,295)	0	0	140,327		(100/100)
	Hedge of Fixed Rate		,																	•		
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs					CSWAP: EUR/USD													
EUR/USD 12/8/2028	AFS Security	D-1	Currency	International W22LROWP21HZNBB6K52	811/18/2016 .	12/08/2028 .	1	9,098,800	12/8/2028	(27,090	)0	91,222	(560,290)		10,407	0	(5,590)	0	0	132,219		(100/100)
	Hedge of Fixed Rate																					
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs					CSWAP: EUR/USD													
EUR/USD 12/8/2028	AFS Security	D-1	Currency	International W22LROWP21HZNBB6K52	811/18/2016 .	12/08/2028 .	ļ1 ļ	105,800	12/8/2028	(315	)0	1,061	(6,515)		121	0	(65)	0	ļ0	1,537		(100/100)
CURRENCY SWAP. CSWAP:	Hedge of Fixed Rate			Goldman Sachs					CSWAP: EUR/USD													
EUR/USD 12/8/2028	Foreign Denominated AFS Security	D 1	Currency	International W22LROWP21HZNBB6K52	8 11/18/2016	12/08/2028		105 000	12/8/2028	(315		1.061	(6,515)		121		(65)	0		1,537		(100/100)
LUN/ UOU 12/ 0/ 2020	Hedge of Fixed Rate	Ju-1	out rency	international #22LNU#F21N2NBB0N32	1 1/ 10/2010	12/00/2028 .	<b>†</b> '		12/0/2020	(315)	/·································			l	121	l	(00)	0	ļ	1,537		(100/100)
CURRENCY SWAP. CSWAP:	Foreign Denominated								CSWAP: GBP/USD													
GBP/USD 2/27/2029	AFS Security	D-1	Currency	BNP Paribas ROMUWSFPU8MPR08K5P8	312/06/2016	.02/27/2029	1	127 . 180	2/27/2029	2.495	0	795	3,620		12.517	0	8.915	0	0	1.872		(100/100)
	Hedge of Fixed Rate		, , , , , , , , , , , , , , , , , , , ,							, , , , ,												(,,
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD													
GBP/USD 2/27/2029	AFS Security	D-1	Currency	BNP Paribas ROMUWSFPU8MPR08K5P8	312/06/2016 .	02/27/2029 .	1	127, 180	2/27/2029	2,495	0	795	3,620		12,517	0		0	0	1,872		(100/100)
	Hedge of Fixed Rate		-																			
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD													
GBP/USD 2/27/2029	AFS Security	D-1	Currency	BNP Paribas ROMUWSFPU8MPR08K5P8	312/06/2016 .	02/27/2029 .	ļ1 ļ.	13,735,440	2/27/2029	269,460	0	85,890	390,960		1,351,873	0	962,820	0	0	202,202		(100/100)
	Hedge of Fixed Rate																					
CURRENCY SWAP, CSWAP:	Foreign Denominated	D 4		Wells Fargo Bank,	00/40/0047	08/16/2027 .		040 040	CSWAP: GBP/USD	(7,590		4 750	0.700		21,588		17,830			0.000		(100/100)
GBP/USD 8/16/2027	AFS Security Hedge of Fixed Rate	U-1	Currency	N. A KB1H1DSPRFMYMCUFXT0	902/16/2017 .	08/16/202/ .	······································	249,840	8/16/2027	(7,590	)	1,756	2,720		21,588	0	17,830	0	0	3,336		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Wells Fargo Bank,					CSWAP: GBP/USD													
GBP/USD 8/16/2027	AFS Security	D-1	Currency	N. A KB1H1DSPRFMYMCUFXTO	902/16/2017 .	08/16/2027 .	1	249 840	8/16/2027	(7.590		1.756	2.720		21.588	0	17,830	0	0	3,336		(100/100)
GDI 7 GGD G7 TG7 EGE7	Hedge of Fixed Rate		our ronoy	N. A	0				0/ 10/ 202/		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								,0,000		(100/100/
CURRENCY SWAP, CSWAP:	Foreign Denominated			Wells Fargo Bank,					.CSWAP: GBP/USD													
GBP/USD 8/16/2027	AFS Security	D-1	Currency	N. A KB1H1DSPRFMYMCUFXTO	902/16/2017 .	08/16/2027 .	1	18, 113, 400	8/16/2027	(550,275	)0	127,330	197,200		1,565,140	0	1,292,675	0	0	241,858		(100/100)
	Hedge of Fixed Rate		,																	·		
CURRENCY SWAP, CSWAP:	Foreign Denominated			Wells Fargo Bank,					CSWAP: GBP/USD													
GBP/USD 8/16/2027	AFS Security	D-1	Currency	N. A KB1H1DSPRFMYMCUFXT0	902/16/2017 .	08/16/2027 .	1	124,920	8/16/2027	(3,795	)0	878	1,360		10,794	0	8,915	0	0	1,668		(100/100)
OURDENOV OWAR	Hedge of Fixed Rate	1	l				<u> </u>						I			]						
CURRENCY SWAP, CSWAP:	Foreign Denominated	D 4	0	OLALIA N.A. EZODZINZZEGOZINEGAZO	00/01/0017	08/05/2024 .		700 400	CSWAP: GBP/USD		ا ا	E 004	(0.000		38,552	_	53 , 490	•		7 470		(100/100)
GBP/USD 8/5/2024	AFS Security Hedge of Fixed Rate	U-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/01/2017	08/03/2024 .	† <sup>1</sup>  -	/38,480	8/5/2024	(37,740	,	5,861	(2,880)		აგ, ე52	l	53,490	0	10	7,478		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD				1									
GBP/USD 8/5/2024	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/01/2017	08/05/2024 .	1	738.480	8/5/2024	(37,740	) 0	5.861	(2,880)	l	38,552	n	53,490	0	0			(100/100)
3,0,000	Hedge of Fixed Rate			or opener is contained in			T			(5, ,, 10			[			Ī	20, .00			,		
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD				1									l
GBP/USD 8/5/2024	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/01/2017	08/05/2024 .	1		8/5/2024	(18,870	)0	2,931	(1,440)		19,276	0	26,745	0	0	3,739		(100/100)
	Hedge of Fixed Rate	I	1				[		I				1			]						l
CURRENCY SWAP, CSWAP:	Foreign Denominated	L.	l_				[		CSWAP: GBP/USD		]					]						
GBP/USD 8/5/2024	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/01/2017 .	08/05/2024 .	ļ1 ļ	51,201,280	8/5/2024	(2,616,640	)0	406,382	(199,680)		2,672,905	J0	3,708,640	0	ļ0	518,460		(100/100)
OLIDDENOV OWAD COMAD	Hedge of Fixed Rate								000040 500 (190				1									l
CURRENCY SWAP, CSWAP:	Foreign Denominated	D 1	Currency	Citibank N A EZODZWZZECOZWECAZO	02/20/2047	04/10/2022		260 000	CSWAP: EUR/USD	1 500	_	0 474	(11 700		(4.000		(400)	^		1 005		(100/100)
EUR/USD 4/18/2022	AFS Security Hedge of Fixed Rate	υ-Ι	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017 .	04/18/2022 .	<del> </del> 1 -	∠69,000	4/18/2022	1,538	0	3, 174	(11,788)		(4,930	0	(163)	0	10	1,805		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								_CSWAP: EUR/USD				1									l
EUR/USD 4/18/2022	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017 .	04/18/2022 .	1	269 000	4/18/2022	1,538	n	3, 174	(11,788)	l	(4,930	n	( 163 )	n	n	1,805		(100/100)
2317 000 17 107 2022	Hedge of Fixed Rate			O CODENETT OF THE ATO			<b>†</b> '		., .5, LULL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, 174				1	(100)			,,000		( .55/ 100/
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD				1									l
EUR/USD 4/18/2022	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017	04/18/2022	1	11,836,000		67,650	0	139,660	(518,650)		(216,922	0	(7,150)	0	0	79,398		(100/100)
	Hedge of Fixed Rate	I	1				[						1			]						l
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD				1									l
EUR/USD 4/18/2023	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017	.04/18/2023	L1 L	9.684.000	4/18/2023	55.350	0	113.225	(424, 350)	l	(55,078	L0	(5.850)	0	0	81.022		(100/100)

Showing all Options,	Caps, Floors,	Collars, Swaps and	Forwards Open	as of Current Statement Date	

					Showing a	all Options	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwa	rds Open as	s of Currei	nt Stateme	nt Date	<b>:</b>							
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
										Prior	Current											1
	Description									Year(s)	Year Initial											1
									Strike												Credit	Hadaa
	of Item(s)									Initial Cost	Cost of						T-4-1	C	A ali a tara a a t			Hedge
	Hedged,		_ ,			5			Price,	of Un-	Un-		5				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)	Exchange, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying			Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-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)
	Hedge of Fixed Rate																					1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD		_					_		_	_			
EUR/USD 4/18/2023	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017 .	04/18/2023 .	1	269,000	4/18/2023	1,538	0	3, 145	(11,788)		(1,530)	0	( 163)	0	0	2,251		(100/100)
OURDENING OWAR COMAR	Hedge of Fixed Rate								001110 510 4100													1
CURRENCY SWAP, CSWAP:	Foreign Denominated	D 4	_	01411 I N A 57007W77FF00TWFF470	00 (00 (00 47	0.4 (40 (0000	_	000 000	CSWAP: EUR/USD	4 500		0.445	(44.700)		(4 500)		(400)			0.054		(400 (400)
EUR/USD 4/18/2023	AFS Security Hedge of Fixed Rate	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017 .	04/18/2023 .		269,000	4/18/2023	1,538	0	3, 145	(11,788)		(1,530)	0	(163)	0	0	2,251		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								_CSWAP: EUR/USD													1
EUR/USD 4/18/2024	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017 .	04/18/2024 .	4	260 000	4/18/2024	1,538	٥	3.101	(11,788)		1,277	0	(163)	0	٥	2,623		(100/100)
LON/ 03D 4/ 16/ 2024	Hedge of Fixed Rate	U-1	our rency	CITIDAIK, N.A 37002112711 3211121 A70	03/23/201/ .	04/ 10/ 2024 .		209,000	4/ 10/ 2024			, 101	(11,700		, 411		(103)			2,020		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD													1
EUR/USD 4/18/2024	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017	04/18/2024 .	1	7,532,000		43,050	0	86,822	(330,050		35,764	0	(4,550)	0	0	73,439		(100/100)
	Hedge of Fixed Rate								.,,													(,,
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD													1
EUR/USD 4/18/2023	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017 .	04/18/2023 .	1	322,800	4/18/2023	1,845	0	3,774	(14, 145)		(1,836)	0	(195)	0	0	2,701		(100/100)
	Hedge of Fixed Rate		-																			1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD													1
EUR/USD 4/18/2023	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017 .	04/18/2023 .	1	484,200	4/18/2023	2,768	0	5,661	(21,218)		(2,754)	0	(293)	0	0	4,051		(100/100)
	Hedge of Fixed Rate																					1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD		_					_		_	_			
EUR/USD 4/18/2023	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	03/29/2017 .	04/18/2023 .	1	11,836,000	4/18/2023	67,650	0	138,386	(518,650)		(67,318)	0	(7,150)	0	0	99,027		(100/100)
OUDDENOV OWAD COWAD	Hedge of Fixed Rate								00WAD FUD (110D													1
CURRENCY SWAP, CSWAP: EUR/USD 9/13/2027	Foreign Denominated AFS Security	D 4	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/08/2017	09/13/2027 .		110 000	CSWAP: EUR/USD 9/13/2027	(6,945)		1, 161	(95)		6,901		(65)	0	0	1,506		(100/100)
EUR/USD 9/13/202/	Hedge of Fixed Rate	υ- I	currency	GILIDANK, N.A 5/UDZWZ/FF3ZIWEFA/6	06/08/2017 .	09/13/202/ .		1 12 , 220	9/ 13/ 2027	(0,940)			(95)				(60)	0	0			(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD													1
EUR/USD 9/13/2027	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/08/2017	09/13/2027 .	1	34.900.420		(2.159.895)	0	361.052	(29.545)		2,146,281	0	(20,215)	0	0	468,505		(100/100)
2017 000 07 107 2027	Hedge of Fixed Rate		our ronoy	ortrodik, k.k orobenem oemer mo					0/ 10/ 202/	(2,100,000)			(20,010		2, 140,201		(20,210)					(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								.CSWAP: EUR/USD													1
EUR/USD 9/13/2027	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/08/2017	09/13/2027 .	1	448,880	9/13/2027	(27,780)	0	4,644	(380)		27,605	0	(260)	0	0	6,026		(100/100)
	Hedge of Fixed Rate		· ·																	•		1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD													1
EUR/USD 9/13/2027	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/08/2017 .	09/13/2027 .	1	448,880	9/13/2027	(27,780)	0	4,644	(380)		27,605	0	(260)	0	0	6,026		(100/100)
	Hedge of Fixed Rate																					1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: AUD/USD							_		_				1
AUD/USD 7/26/2027	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/21/2017 .	07/26/2027 .	1	302,080	7/26/2027	(14,940)	0	(382)	26,680		25,467	0	5,780	0	0	4,017		(100/100)
CURRENCY CHAR COMAR.	Hedge of Fixed Rate								CSWAP: AUD/USD													1
CURRENCY SWAP, CSWAP: AUD/USD 7/26/2027	Foreign Denominated AFS Security	D 1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/21/2017 .	07/26/2027 .	4	21,372,160		(1,057,005)		(27,016)	1,887,610		1,801,809	0	408,935	0	0	284,217		(100/100)
AUD/USD 1/20/2021	Hedge of Fixed Rate	U-1	cui i ency	GITTDAIK, N.A 57002WZ7FF32TWEFA76	00/21/2017 .	01/20/2021 .		21,3/2,100	1/20/2021	(1,037,003)		(21,010)	1,007,010		1,001,009	0	400,933	0		204,217		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								.CSWAP: AUD/USD													1
AUD/USD 7/26/2027	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76		07/26/2027 .	1	151 040	7/26/2027	(7.470)	0	(191)	13,340		12.734	0	2,890	0	0	2,009		(100/100)
7,007,000 17,207,2027	Hedge of Fixed Rate		04110110711111	ortroding min orosenem oemermo		, 20, 202, .			,, 20, 202,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				2,000			2,000		(100) 100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: AUD/USD													1
AUD/USD 7/26/2027	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/21/2017 .	07/26/2027 .	1	151,040	7/26/2027	(7,470)	0	(191)	13,340		12,734	0	2,890	0	0	2,009		(100/100)
	Hedge of Fixed Rate												1									1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD				1									1
EUR/USD 7/19/2024	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/29/2017 .	07/19/2024 .	1 .	457,200	7/19/2024	(3,540)	0	4,859	7,940		29,496	0	(260)	0	0	4,603		(100/100)
OLIDBERION OWAR COMME	Hedge of Fixed Rate												1									1
CURRENCY SWAP, CSWAP:	Foreign Denominated	D 4		01414 1 114 57007	00 (00 (00 4	07/40/000:		200 2	_CSWAP: EUR/USD		_	2 455				_	/ 40	_	_	2 25-		(400 (400)
EUR/USD 7/19/2024	AFS Security	υ-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/29/2017 .	07/19/2024 .	1	228,600	7/19/2024	(1,770)	0	2,429	3,970		14,748	0	(130)	0	0	2,302		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								CSWAP: EUR/USD				1									1
EUR/USD 7/19/2024	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/29/2017	07/19/2024 .	1	114 300	7/19/2024	(885)	n	1,215	1,985		7,374	n	(65)	n	n	1, 151		(100/100)
LOII, 000 1/ 10/ LULT	Hedge of Fixed Rate	[ '	our rondy	OTODERETTI OZINELATO			'	117,000	., 10, 2027	(003)			1,303				(00)			, 1, 131		( .50/ 100/
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD				I									1 1
EUR/USD 7/19/2024	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/29/2017 .	07/19/2024 .	1	34,061,400		(263,730)	0	361,968	591,530		2, 197, 434	0	(19,370)	0	0	342,939		(100/100)

S	Showing a	all Options	s, Caps, F	loors, Colla	irs, Swaps	and Forwar	ds Open a	as of Curre	nt Stateme	nt Date	!

					Showing a	all Option:	s, Caps, Fl	oors, Colla	irs, Swaps	and Forwa	rds Open a	s of Curre	nt Stateme	ent Date							
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
	5									Prior	Current										i
	Description								Ot-it-	Year(s)	Year Initial									0	I I a days
	of Item(s) Hedged,								Strike Price,	Initial Cost of Un-	Cost of Un-					Total	Current	Adjustment		Credit Quality	Hedge Effectiveness
	Used for		Type(s)			Date of			Rate or	discounted	discounted		Book/		Unrealized		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)/		Potential	ence	Quarter-end
Description	or Replicated	Identifier	(a)	or Central Clearinghouse	Date	Expiration		Amount	(Paid)	Paid	Paid	Income	Value	Code Fair Valu		B./A.C.V.	Accretion		Exposure	Entity	(b)
	Hedge of Fixed Rate		<u> </u>						` '												
CURRENCY SWAP, CSWAP:	Foreign Denominated			Barclays Bank, PLC	07 (07 (00 17	00 (47 (0007		202 752	CSWAP: GBP/USD	7 440		0.054	00.070			00 745			5 050		(400 (400)
GBP/USD 8/17/2027	AFS Security Hedge of Fixed Rate	D-1	. Currency		07/27/2017	08/17/2027 .	1	393,750	8/17/2027	7,110	0	2,854	23,070	54,0	86	26,745	0	0	5,259		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Barclays Bank, PLC					CSWAP: GBP/USD												i
GBP/USD 8/17/2027	AFS Security	D-1	. Currency		07/27/2017	08/17/2027 .	1	262,500	8/17/2027	4,740	0	1,903		36,0	570	17,830	0	0	3,506		(100/100)
	Hedge of Fixed Rate		-																		i
	Foreign Denominated			Barclays Bank, PLC	07 (07 (00 17	00 (47 (0007		000 500	CSWAP: GBP/USD	4 740		4 000	45.000			47.000			0.500		(400 (400)
GBP/USD 8/17/2027	AFS Security Hedge of Fixed Rate	U-1	. Currency		07/27/2017	08/17/2027 .	łI  -	262,500	8/17/2027	4,740	0	1,903	15,380	36,0	5/	17,830	0		3,506		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Barclays Bank, PLC					.CSWAP: GBP/USD												i
GBP/USD 8/17/2027	AFS Security	D-1	Currency		07/27/2017	08/17/2027 .	1	31,237,500		564,060	0	226,450	1,830,220	4,290,8	0	2, 121,770	0	0	417, 177		(100/100)
OLIDDENION CITE TO THE	Hedge of Fixed Rate																				, l
CURRENCY SWAP, CSWAP: GBP/USD 10/31/2027	Foreign Denominated AFS Security	D 1	Currency	Wells Fargo Bank, N. A. KB1H1DSPRFMYMCUFXT09	10/04/2017	10/31/2027 .		122 000	CSWAP: GBP/USD 10/31/2027	_		854	9,240	18,0	90	8.915	0		1,799		(100/100)
GBP/USD 10/31/2027	Hedge of Fixed Rate	D-1	. Currency	N. A KB IN IDSPREMINICUEX 109	10/04/2017	10/31/202/ .		132,800	10/31/2021	ə	0	504	9,240	10,0	80		0		1,799		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Wells Fargo Bank,					CSWAP: GBP/USD												ı
GBP/USD 10/31/2027	AFS Security	D-1	. Currency	N. A KB1H1DSPRFMYMCUFXT09	10/04/2017	10/31/2027 .	1	132,800	10/31/2027	5	0	854	9,240	18,3	800	8,915	0	0	1,799		(100/100)
CURRENCY OWAR COWAR	Hedge of Fixed Rate								000010 000 000												i
CURRENCY SWAP, CSWAP: GBP/USD 10/31/2027	Foreign Denominated AFS Security	D-1	. Currency	Wells Fargo Bank, N. A. KB1H1DSPRFMYMCUFXT09	10/04/2017	10/31/2027	1	265 600	CSWAP: GBP/USD 10/31/2027	10	0	1.708	18.480	36,7	50 0	17,830	0	0	3,598		(100/100)
GDF703D 1073172027	Hedge of Fixed Rate	D-1	. Gui i elloy	N. A RB II I I I I I I I I I I I I I I I I I	10/04/201/	10/31/2027	·············	205,000	10/31/2021			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10,400		39	17,030					(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Wells Fargo Bank,					CSWAP: GBP/USD												i
GBP/USD 10/31/2027	AFS Security	D-1	. Currency	N. A KB1H1DSPRFMYMCUFXT09	10/04/2017	10/31/2027 .	1	265,600	10/31/2027	10	0	1,708	18,480	36,7	590	17,830	0	0	3,598		(100/100)
OUDDENOV OWAD COWAD	Hedge of Fixed Rate								OOWAD ODD (LIOD												i
CURRENCY SWAP, CSWAP: GBP/USD 10/31/2027	Foreign Denominated AFS Security	D_1	. Currency	Wells Fargo Bank, N. A KB1H1DSPRFMYMCUFXT09	10/04/2017	10/31/2027 .	1	29,747,200	CSWAP: GBP/USD	1, 120	0	191,263	2,069,760	4, 117, (	52 0	1,996,960	0	٥	402,955		(100/100)
GDI 7 GOD 107 G 17 ZOZ 7	Hedge of Fixed Rate		. our renoy	N. A	10/ 04/ 2017	10/01/2027	······	23,141,200	10/01/2021	, 120			2,000,700		52	1,330,300					(100/100/
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD												i
GBP/USD 10/31/2029	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76 .	10/04/2017	10/31/2029 .	1	265,600	10/31/2029	10	0	1,737	18,480	40,0	820	17,830	0	0	4,059		(100/100)
CURRENCY SWAP. CSWAP:	Hedge of Fixed Rate Foreign Denominated								CSWAP: GBP/USD												1
GBP/USD 10/31/2029	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76 .	10/04/2017	10/31/2029	1	398.400	10/31/2029	15	0	2,606	27,720	60,	23 0	26,745	0	0	6,089		(100/100)
	Hedge of Fixed Rate			or opener i de idea i de i			[				[					20,.40					,,
CURRENCY SWAP, CSWAP:	Foreign Denominated	<b>.</b> .							CSWAP: GBP/USD												
GBP/USD 10/31/2029	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76 .	10/04/2017	10/31/2029 .	ļ1 ļ	398,400	10/31/2029	15	0	2,606	27,720	60,	230	26,745	0	0	6,089		(100/100)
CURRENCY SWAP. CSWAP:	Hedge of Fixed Rate Foreign Denominated								CSWAP: GBP/USD												, l
GBP/USD 10/31/2029	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76 .	10/04/2017	10/31/2029 .	L1	265,600	10/31/2029	10	0	1,737	18,480	40,0	820	17,830	0	0	4,059		(100/100)
	Hedge of Fixed Rate		,					*													
CURRENCY SWAP, CSWAP:	Foreign Denominated			01411 I N.A. 57007W7755007W75170	40 /04 /00 17	40 (04 (0000		00 544 000	CSWAP: GBP/USD	4 450		400.000	0.405.000			0.050.450			400 700		(400 (400)
GBP/USD 10/31/2029	AFS Security Hedge of Fixed Rate	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76 .	10/04/2017	10/31/2029 .	<u> </u>	30,544,000	10/31/2029	1, 150	0	199,800	2, 125, 200	4,609,4	٥١0	2,050,450	0	0	466,796		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Wells Fargo Bank,					CSWAP: EUR/USD												ı
EUR/USD 10/30/2024	AFS Security	D-1	. Currency	N. A. KB1H1DSPRFMYMCUFXT09	10/18/2017	10/30/2024 .	1	117,770	10/30/2024	1,495	0	1,399	5,455	12,6	010	(65)	0	0	1,226		(100/100)
	Hedge of Fixed Rate									1											i
CURRENCY SWAP, CSWAP:	Foreign Denominated	n 1	Currer	Wells Fargo Bank,	10 /10 /0017	10/20/2004		10 705 000	CSWAP: EUR/USD	054 400		005 000	040 440	0.447.6	20	(40,000)	_		000 040		(100/100)
EUR/USD 10/30/2024	AFS Security Hedge of Fixed Rate	D-1	. Currency	N. A KB1H1DSPRFMYMCUFXT09	10/18/2017	10/30/2024 .	t1  -	19,785,360	10/30/2024	251, 160	0	235,020	916,440	2,117,0	JO	(10,920)	0	u	206,019		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Wells Fargo Bank,					CSWAP: EUR/USD	1											i
EUR/USD 10/30/2024	AFS Security	D-1	. Currency	N. A KB1H1DSPRFMYMCUFXT09	10/18/2017	10/30/2024 .	1	353,310	10/30/2024	4,485	0	4, 197	16,365	37,8	040	( 195)	0	0	3,679		(100/100)
OLIDDENOV OFFICE COMMIT	Hedge of Fixed Rate								00000 50000												i
CURRENCY SWAP, CSWAP: EUR/USD 10/30/2024	Foreign Denominated	n_1	Currency	Wells Fargo Bank, N. A. KB1H1DSPRFMYMCUFXT09	10/18/2017	10/20/2024	4	117 770	CSWAP: EUR/USD 10/30/2024	1,495		1 200	5,455	40.7	n1 2	(65)	^		1 000		(100/100)
EUN/UOU 10/30/2024	AFS Security Hedge of Fixed Rate	D-1	. Currency	N. A KB1H1DSPRFMYMCUFXT09	10/ 18/201/	10/30/2024 .	t'	117,770	10/30/2024	1,495	<sup>0</sup>	1,399		12,6	۷۱۰۰۰	(65)	0	} <sup>0</sup> }	1,226		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: AUD/USD												i
	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76 .	10/31/2017	03/15/2028 .	1	100,000	15-MAR-2028	(2, 190)	0	144	9,965	10,7	520	1,890	0	0	1,389		(100/100)

Showing all Ontions Cans	Floors Collars Sv	vans and Forwards One	en as of Current Statement D	ate
SHOWING All Options, Caps,	i luulo, Gullaio, Sv	vaps and i diwards Opt	ch as of Guilent Statement D	aıc

				;	Showing a	all Options	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwaı	rds Open a	is of Curre	nt Stateme	ent Date							
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
										Prior	Current										1
	Description								a	Year(s)	Year Initial										1
	of Item(s)								Strike	Initial Cost	Cost of					T-4-1	0	A discretization		Credit	Hedge
	Hedged, Used for		Typo(s)			Date of			Price, Rate or	of Un- discounted	Un- discounted		Book/		Unrealized	Total Foreign	Current Year's	Adjustment to Carrying		Quality of	
	Income	Schedule/	Type(s) of			Maturity	Number		Index	Premium	Premium	Current	Adjusted		Valuation	Exchange	(Amorti-	Value of		Refer-	at Inception and at
	Generation	Exhibit	Risk(s)	Exchange, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying		Increase/	Change in	zation)/		Potential	ence	Quarter-end
Description	or Replicated	Identifier	(a)	or Central Clearinghouse	Date	Expiration		Amount	(Paid)	Paid	Paid	Income	Value	Code Fair Value	(Decrease)	B./A.C.V.	Accretion		Exposure	Entity	(b)
	Hedge of Fixed Rate		` '	<u> </u>											<u> </u>						
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: AUD/USD												1
AUD/USD 15-MAR-2028	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	10/31/2017	03/15/2028 .	1	14,000,000	15-MAR-2028	(306,630)	0	20,115	1,395,080	1,505,207	0	264,548	0	0	194,398		(100/100)
CURRENCY SWAP, CSWAP:	Hedge of Fixed Rate Foreign Denominated								CSWAP: AUD/USD												1
AUD/USD 15-MAR-2028	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	10/31/2017	03/15/2028 .	1	200.000	15-MAR-2028	(4,380)	0	287	19,930	21,503	0	3,779	0	0	2,777		(100/100)
	Hedge of Fixed Rate		,	·																	1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD												1
GBP/USD 14-MAR-2030	AFS Security Hedge of Fixed Rate	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	01/25/2018	03/14/2030 .	1	12,8/9,000	14-MAR-2030	328,050	0	123,921	1,758,600	3,436,959	0	802,350	0	0	200,656		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD												1
GBP/USD 14-MAR-2030	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	01/25/2018	03/14/2030 .	1	572,400	14-MAR-2030	14,580	0	5,508	78 , 160	152,754	0	35,660	0	0	8,918		(100/100)
	Hedge of Fixed Rate		,	·																	1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD								_				1
GBP/USD 14-MAR-2027	AFS Security Hedge of Fixed Rate	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	01/25/2018	03/14/2027 .	1	142,920	14-MAR-2027	3,465	0	1,327	19,360	33,064	0	8,915	0	0	1,851		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								.CSWAP: GBP/USD												1
GBP/USD 14-MAR-2027	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	01/25/2018	03/14/2027 .	1	8,003,520	14-MAR-2027	194,040	0	74,334	1,084,160	1,851,571	0	499,240	0	0	103,636		(100/100)
	Hedge of Fixed Rate		,	·																	1
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: GBP/USD								_				1
GBP/USD 14-MAR-2027	AFS Security Hedge of Fixed Rate	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	01/25/2018	03/14/202/ .	1	142,920	14-MAR-2027	3,465	0	1,327	19,360	33,064	0	8,915	0	······································	1,851		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD												1
EUR/USD 29-JUN-2030	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/14/2018	06/29/2030 .	1	467,440	29-JUN-2030	4,320	0	6, 172	18 , 180	81,751	0	(260)	0	0	7,392		(100/100)
	Hedge of Fixed Rate		-																		1
CURRENCY SWAP, CSWAP:	Foreign Denominated							=	CSWAP: EUR/USD								_				1
EUR/USD 29-JUN-2030	AFS Security Hedge of Fixed Rate	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/14/2018	06/29/2030 .	1 .	14, /24, 360	29-JUN-2030	136,080	0	194,410	572,670	2,575,160	0	(8,190)	0	0	232,844		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated								CSWAP: EUR/USD												1
EUR/USD 29-JUN-2030	AFS Security	D-1	. Currency	Citibank, N.A 570DZWZ7FF32TWEFA76	06/14/2018	06/29/2030 .	1	116,860	29-JUN-2030	1,080	0	1,543	4,545	20,438	0	(65)	0	0	1,848		(100/100)
	Hedge of Fixed Rate		,	·																	1
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs	10 (01 (0010	44 (00 (0000	_	202 202	CSWAP: GBP/USD	(505)		0.575	00.000	407.000		00.405			40.074		(400 (400)
GBP/USD 29-NOV-2028	AFS Security Hedge of Fixed Rate	D-1	. Currency	International W22LROWP21HZNBB6K528 .	10/31/2018	11/29/2028 .	1	893,900	29-NOV-2028	(525)	0	8,575	28,980	137,906	0	62,405	0	l	12,971		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			Goldman Sachs					CSWAP: GBP/USD												1
GBP/USD 29-NOV-2028	AFS Security	D-1	. Currency	International W22LROWP21HZNBB6K528 .	10/31/2018	11/29/2028 .	1	34,095,900	29-NOV-2028	(20,025)	0	327,060	1, 105, 380	5,260,138	0	2,380,305	0	0	494,741		(100/100)
	Hedge of Fixed Rate			l			l								1						1
CURRENCY SWAP, CSWAP:	Foreign Denominated	l <sub>D</sub> 4	0	Goldman Sachs	10 /01 /0010	11/00/0000	اد	000 500	CSWAP: GBP/USD	(075)	_	0 405	00 700	00 504	_	44 575	_		0.005		(100 (100)
GBP/USD 29-NOV-2028	AFS Security Hedge of Fixed Rate	ו-עו	. Currency	International W22LROWP21HZNBB6K528 .	10/31/2018	11/29/2028 .	1		29-NOV-2028	(375)	0	6, 125	20,700	98,504	l0	44,575	0	u	9, 265		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated	1							CSWAP: EUR/USD						1						i l
EUR/USD 27-MAR-2028	AFS Security	D-1	Currency	Societe Generale 02RNE81BXP4R0TD8PU41 .	03/11/2019	03/27/2028 .	1	27,855,360	27-MAR-2028	(49,600)	0	378,575	1,240	3, 154,884	0	(16,120)	0	0	387,610		(100/100)
OLIDDENOV CHAR COM:	Hedge of Fixed Rate						l		000010 5150						1						í
CURRENCY SWAP, CSWAP: EUR/USD 27-MAR-2028	Foreign Denominated AFS Security	n_1	Currency	Societe Generale 02RNE8IBXP4R0TD8PU41 .	03/11/2019	02/27/2020		226 000	CSWAP: EUR/USD 27-MAR-2028	(600)		4,580	45	38.164	_	(195)	^		4,689		(100/100)
LUN/ UOU 2/-MAK-2028	Hedge of Fixed Rate		. out rency	OUCTOR CONTROL OF THE STEAM OF	03/11/2019	00/2//2028 .	·'	330,960	∠1 -IIIM∏-2U28	(000)	0	4, 580	15	164 , قد	l	( 195)	0	·································	4,089		(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated	1							CSWAP: EUR/USD						1						Í
EUR/USD 27-MAR-2028	AFS Security	D-1	. Currency	Societe Generale 02RNE81BXP4R0TD8PU41 .	03/11/2019	03/27/2028 .	1	224,640	27-MAR-2028	(400)	0	3,053	10	25,443	0	(130)	0	0	3, 126		(100/100)
OLIDDENION CHAR COM:	Hedge of Fixed Rate	1		CREDIT AGRICOLE					000010 000 000						1						Í
CURRENCY SWAP, CSWAP: GBP/USD 17-SEP-2031	Foreign Denominated AFS Security	n_1	. Currency	CORPORATE & INVESTMENT BANK 1VUV7VQFKUOQSJ21A208 .	07/17/2019	00/17/2021		104 000	CSWAP: GBP/USD 17-SEP-2031	(545)			730	9,850	_	8,915	^		2,082		(100/100)
UDF/UOD 1/-SEF-2031	Hedge of Fixed Rate		. out rency	CREDIT AGRICOLE	01/11/2019	08/11/2031.	'  -	124,290	11-0EF-2U3 I	(345)	0	ا ۵۵		9,850	l	518,ه	0	ļ			(100/100)
CURRENCY SWAP, CSWAP:	Foreign Denominated			CORPORATE &			l		CSWAP: GBP/USD						1						í
GBP/USD 17-SEP-2031	AFS Security	D-1	Currency	INVESTMENT BANK 1VUV7VQFKU0QSJ21A208 .	07/17/2019	09/17/2031 .	1	4, 101,570	17-SEP-2031	(17,985)	0	28,403	24,090	325,046	0	294 , 195	0	0	68,700		(100/100)
OLIDDENOV CHAR COM:	Hedge of Fixed Rate						l		000010 5157						1						1
CURRENCY SWAP, CSWAP: EUR/USD 20-JUN-2026	Foreign Denominated AFS Security	n_1	Currons	Citibank, N.A 570DZWZ7FF32TWEFA76	02/06/2020	06/20/2020		100 700	CSWAP: EUR/USD 20-JUN-2026	_	460	546	(2,615)	3.083	_	(3,075)	^		1.341		(100/100)
EUN/USD 20-JUN-2026	HES SECUTILY	. [v−1	. Currency	UTLIDATIK, N.A 3/UDZWZ/FF321WEFA/6	02/00/2020	00/20/2020 .		109,700	ZU-JUN-ZUZO	0	460	546	(2,615)	3,083	U	(3,0/5)	0		1,341		(100/100)

S	Showing a	all Options	s, Caps, F	loors, Colla	irs, Swaps	and Forwar	ds Open a	as of Curre	nt Stateme	nt Date	!

				Showing	all Option	s, Caps, F	loors, Colla	ars, Swaps	and Forwai	ds Open as	of Currer	nt Stateme	nt Date	<b>:</b>							
1	2	3	4	5 6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
									Cumulative												
									Prior	Current											
	Description								Year(s)	Year Initial											
	of Item(s)							Strike	Initial Cost	Cost of										Credit	Hedge
	Hedged,							Price,	of Un-	Un-						Total	Current	Adjustment			Effectiveness
	Used for	0-11-1-1	Type(s)		Date of	NI		Rate or	discounted	discounted	0	Book/			Unrealized	Foreign	Year's	to Carrying		of	at Inception
	Income	Schedule/	of District	Freshause Occuptance to Trade	Maturity	Number	Markanal	Index	Premium	Premium	Current	Adjusted			Valuation	Exchange	(Amorti-	Value of	Determination	Refer-	and at
Description	Generation or Replicated	Exhibit Identifier	Risk(s) (a)	Exchange, Counterparty Trade or Central Clearinghouse Date	or Expiration	of Contracts	Notional Amount	Received (Paid)	(Received) Paid	(Received) Paid	Year Income	Carrying Value	Codo	Fair Value	Increase/ (Decrease)	Change in B./A.C.V.	zation)/ Accretion	Hedged Item	Potential Exposure	ence Entity	Quarter-end (b)
Description	Hedge of Fixed Rate	identinei	(a)	or Certifal Clearinghouse Date	Expiration	Contracts	Amount	(Palu)	Palu	Palu	income	value	Code	raii value	(Decrease)	B./A.C.V.	Accretion	пеш	Exposure	⊏⊓uty	(b)
CURRENCY SWAP, CSWAP:	Foreign Denominated							CSWAP: EUR/USD													
	AFS Security	D-1	Currency	Citibank, N.A 570DZWZ7FF32TWEFA7602/06/202		1	14,590,100	20-JUN-2026	0	61,180	72,681	(347,795)		410,092	0	(408,975)	0	0	178,324		(100/100)
				Variable Annuity Guarantees Under SSAP No.10		Exchange			(4,592,595)	61,640	5,330,699	11,558,666	XXX	51,514,968	0	24,294,058	0	0			XXX
				/ariable Annuity Guarantees Under SSAP No.10	)8				(4,592,595)	61,640	(9,383,623)	11,558,666	XXX	(233, 100, 412)	0	24,294,058	0	0	** ,=** , *		XXX
11099999999. Subto	total - Swaps - Hedg	ing Effective	Variable Ar	nuity Guarantees Under SSAP No.108		1 1		REC SWP: USD	0	0	0	0	XXX	0	0	0		0	0	XXX	XXX
	Cash flow hedge			CME Group				3.017500													
CL INTEREST RATE SWAP,			INTEREST RISK	Inc./Morgan Stanley				07/09/2020 [PAY													
REC FIXED, PAY 3ML		D-1		& Co. LLC LCZ7XYGSLJUHFXXNXD8807/07/201	007/09/2020	1	57,000,000		0	0	389,021	21,490		21,490	(336,399)	0	0	0	44,753		0002
								REC SWP: USD													
	Cash flow hedge		INTEREST DISK	CME Group (Inc./Morgan Stanley				3.017500 07/09/2020 [PAY													
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Products	n_1	INTEREST RISK	. & Co. LLC LCZ7XYGSLJUHFXXNXD8807/07/201	007/09/2020	1	15,000,000		0	0	102.374	5,655		5,655	(88,525)	0	0	0	11.777		0002
TIEO TTAED, TAT ONE	110uucts	D 1		LOZIATOCEGNI ANIADOG :	0 .1.0170372020	'		REC SWP: USD			102,074	,0,000		,000	(00,020)						0002
				CME Group				3.695000													
CL INTEREST RATE SWAP,			INTEREST RISK	Inc./Morgan Stanley				9/16/2033 [PAY		_							_				
REC FIXED, PAY 3ML	Hedge	Exhibit 5		. & Co. LLC LCZ7XYGSLJUHFXXNXD8809/12/201	309/16/2033	1	348,000,000	3ML] REC SWP: USD	0	0	4,025,930	132,085,491		132,085,491	59,380,235	0	0	0	6,326,980		0001
				CME Group				2.932500													
CL INTEREST RATE SWAP,	Retirement- Low Rate		INTEREST RISK	(Inc./Goldman Sachs				12/18/2023 [PAY													
REC FIXED, PAY 3ML	Hedge	Exhibit 5		and Co LCZ7XYGSLJUHFXXNXD8812/16/201	312/18/2023	1	517,000,000		0	0	4, 139, 631	48, 155, 621		48 , 155 , 621	23,636,045	0	0	0	4,814,276		0001
	Cash flow hedge			CME Group				REC SWP: USD 2.802000													
CL INTEREST RATE SWAP,			INTEREST RISK	Inc./Morgan Stanley				1/28/2024 [PAY													
	Products	D-1	THILD THIS	& Co. LLC LCZ7XYGSLJUHFXXNXD8801/24/201	401/28/2024	1	62.000.000		0	0	516.923	5,880,529		5,880,529	2,932,791	0	0	0	586.615		0002
,								ŘEC SWP: USD			,, ,	, , , , ,		, , , , , ,	, , ,						
OL LITEREST DATE OWAR	Cash flow hedge		INTEREST BLOW	CME Group				3.560000													
CL INTEREST RATE SWAP, REC FIXED, PAY 1ML	Products	n 1	INTEREST RISK	Inc./Morgan Stanley & Co. LLC LCZ7XYGSLJUHFXXNXD8801/24/201	401/28/2039		2,000,000	1/28/2039 [PAY		0	22,362	995,075		995,075	475,982	0		٥	43, 118		0002
NEG FIXED, FAT IML	riouucis	U-1		. α CO. LLC LCZ/Λ103LJUΠ-ΛΛΝΛD0001/24/201	401/20/2009		2,000,000	REC SWP: USD			22,302	990,070		990,070	4/3,962	0			40,110		0002
				CME Group				3.511000													
CL INTEREST RATE SWAP,			INTEREST RISK	(Inc./Morgan Stanley				4/7/2034 [PAY													
REC FIXED, PAY 3ML	Hedge	Exhibit 5		. & Co. LLC LCZ7XYGSLJUHFXXNXD8804/03/201	404/07/2034	1	46,000,000	3ML] REC SWP: USD	0	0	382,809	16,935,332		16,935,332	8,110,771	0	0	0	853,733		0001
				CME Group				3.381000													
CL INTEREST RATE SWAP,	Retirement- Low Rate		INTEREST RISK	Inc./Morgan Stanley				4/14/2034 [PAY													
	Hedge	Exhibit 5		& Co. LLC LCZ7XYGSLJUHFXXNXD8804/10/201	404/14/2034	1	46,000,000		0	0	362,261	16, 131, 310		16, 131, 310	8,060,539	0	0	0	854,327		0001
	0 1 11 1 1			ONE O				REC SWP: USD													
CL INTEREST RATE SWAP,	Cash flow hedge		INTEREST RISK	CME Group (Inc./Morgan Stanley				2.523750 7/31/2024 [PAY													
	Products	D-1		& Co. LLC LCZ7XYGSLJUHFXXNXD8807/29/201	407/31/2024	1	65,000,000		0	0	448,415	6,237,112		6,237,112	3,615,258	0	0	0	657,085		0002
								REC SWP: USD			•										
OL LITEREST DATE OWAR	Cash flow hedge		INTEREST BLOW	CME Group				2.655000													
CL INTEREST RATE SWAP, REC FIXED, PAY 1ML	Products	n_1	INTEREST RISK	Inc./Morgan Stanley & Co. LLC LCZ7XYGSLJUHFXXNXD8811/24/201	411/26/2029	,	51,000,000	11/26/2029 [PAY	0	0	382.327	10,209,452		10,209,452	6, 192, 022	0		0	782,385		0002
NECTIALD, FAT IME	Froducts	D-1		60. LEC	411/20/2029		51,000,000	REC SWP: USD				10,209,402		10,209,402	0, 192,022				702,303		0002
	Cash flow hedge			CME Group				2.336500													
CL INTEREST RATE SWAP,			INTEREST RISK	(Inc./Morgan Stanley				11/26/2024 [PAY													
REC FIXED, PAY 1ML	Products	1–ט		& Co. LLC LCZ7XYGSLJUHFXXNXD8811/24/201	411/26/2024	· <del> </del> 1	3,000,000	1ML] REC SWP: USD	0	0	18,393	283,228		283,228	182, 111	0	0	0	31,503		0002
	Cash flow hedge			CME Group				2.336500													
CL INTEREST RATE SWAP,			INTEREST RISK	(Inc./Morgan Stanley				11/26/2024 [PAY													
REC FIXED, PAY 1ML		D-1		& Co. LLC LCZ7XYGSLJUHFXXNXD8811/24/201	411/26/2024	1	77,000,000	1ML]	0	0	472,086	7,269,523		7,269,523	4,674,171	0	0	0	808,588		0002
				OIE Crays				REC SWP: USD 2.620100													
CL INTEREST RATE SWAP,	Retirement- Low Rate		INTEREST RISK	CME Group (Inc./Morgan Stanley				2.620100 3/11/2035 [PAY													
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC LCZ7XYGSLJUHFXXNXD8803/09/201	503/11/2035	1	27,000,000		0	0	183, 104	7,048,691		7,048,691	4,850,773	0	0	0	517,670		0001

Showing all Options,	Caps, Floors,	Collars, Swaps and	Forwards Open	as of Current Statement Date	

						Showing a	all Options	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date								
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
											Prior	Current											i
	Description									a	Year(s)	Year Initial											
	of Item(s)									Strike	Initial Cost	Cost of						<b>-</b>				Credit	Hedge
	Hedged,		T (-)				D-tf			Price,	of Un-	Un-		D L./			Library all and	Total	Current	Adjustment			Effectiveness
	Used for Income	Schedule/	Type(s) of				Date of	Number		Rate or	discounted	discounted Premium	Current	Book/			Unrealized	Foreign Exchange	Year's	to Carrying Value of		of Refer-	at Inception
	Generation	Exhibit	Risk(s)	Evolungo	, Counterparty	Trade	Maturity or	Number of	Notional	Index Received	Premium (Received)	(Received)	Current Year	Adjusted Carrying			Valuation Increase/	Change in	(Amorti- zation)/	Hedged	Potential	ence	and at Quarter-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)
Description	or replicated	identille	(a)	Of Certifian	Clearingriouse	Date	LAPITATION	Contracts	Amount	REC 3ML [PAY	i aiu	i aiu	IIICOIIIC	value	Code	i ali value	(Decrease)	D./A.C.V.	Accietion	item	LAPOSUIE	Littly	(0)
	Cash flow hedge			CME Group						FSWP: USD													1
	mortgage derivative		INTEREST RISK	Inc./Morgan Stanley	1					2.968000													1
REC 3ML, PAY FIXED	Products	D-1		& Co. LLC	LCZ7XYGSLJUHFXXNXD88	06/19/2015 .	06/23/2032 .	1	158,000,000		0	0	(1,069,030)	(41,842,547)		(41,842,547)	(23,944,298)	0	0	0	2,735,390		0002
	Cash flow hedge			CME Group						REC SWP: USD 1.930000													1
CL INTEREST RATE SWAP,			INTEREST RISK	Inc./Morgan Stanley	,					7/25/2022 [PAY													1
REC FIXED, PAY 1ML	Products	D-1		& Co. LLC	LCZ7XYGSLJUHFXXNXD88	07/29/2015	07/25/2022 .	1	400,000		0	0	1,687	14,881		14,881	11, 196	0	0	0	2,876		0002
·										REC SWP: USD													i
	Cash flow hedge			CME Group						1.930000													i
CL INTEREST RATE SWAP, REC FIXED, PAY 1ML	mortgage derivative Products	D 4	INTEREST RISK	Inc./Morgan Stanley & Co. LLC	/ LCZ7XYGSLJUHFXXNXD88	07/00/0015	07/05/0000	4	51,100,000	7/25/2022 [PAY		0	215.496	1,901,020		1,901,020	1,430,343	0			367,467		0002
HEC FIXED, PAY IML	Products	U-1		a CO. LLC	LUZ/XYGOLJUNFXXNXD88	0//29/2015 .	01/25/2022 .		91,100,000	REC 1ML [PAY			215,496	1,901,020		1,901,020	1,430,343	0	0		307,407		0002
	Cash flow hedge			LCH. Clearnet						SWP: USD													1
CL INTEREST RATE SWAP,			INTEREST RISK	LLC/Morgan Stanley						1.487000													i
REC 1ML, PAY FIXED	Products	D-1		& Co. LLC	WAM6YERMS70XFZU0Y219	03/11/2016 .	03/15/2023 .	1	4,000,000		0	0	(9,582)	(147, 109)		(147,109)	(157,214)	0	0	0	32,905		0002
										REC 1ML [PAY													i
CL INTEREST RATE SWAP,	Cash flow hedge		INTEREST DISK	LCH. Clearnet LLC/Morgan Stanley						SWP: USD 1.273000													1
	Products	D-1	INTEREST RISK	& Co. LLC	WAM6YERMS70XFZU0Y219	.03/11/2016	03/15/2021	1	5.000.000		0	0	(6.789)	(38,955)		(38,955)	(59,083)	n	0	0	21.019		0002
INCO INIC, TAT TIALD	1100000			u 00. LL0	II/IIIIO I EI IIIIO I OXI EGG I E IO					REC 3ML [PAY			(0,700)	(00,000)		(00,000)	(00,000)						
				LCH. Clearnet						SWP: USD													i
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						1.885000									_				
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	04/11/2016 .	04/13/2031 .	1	150,000,000	4/13/2031] REC 3ML [PAY	0	0	(155,841)	(19,347,802)		(19,347,802)	(20,073,940)	0	0	0	2,463,813		0001
				LCH. Clearnet						SWP: USD													i
CL INTEREST RATE SWAP.	Retirement- Low Rate		INTEREST RISK	LLC/Morgan Stanley						1.240000													1
REC 3ML, PAY FIXED	Hedge	Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	08/16/2016	08/17/2023 .	1	200,000,000		0	0	207,546	(6,285,002)		(6,285,002)	(9,432,913)	0	0	0	1,769,606		0001
										REC 1ML [PAY													i
CL INTEREST RATE SWAP,	Cash flow hedge		INTEREST DICK	LCH. Clearnet LLC/Morgan Stanley						SWP: USD 1.724000													i
	Products	D-1	INTEREST RISK	& Co. IIC	WAM6YERMS70XFZU0Y219	09/21/2017	09/25/2020 .	1	7,000,000		0	0	(22,681)	(25, 342)		(25,342)	(23, 134)	0	0	0	17.088		0002
INCO INIC, TAT TIALD	1100000			u 00. LL0	II/IIIIO I EI IIIIO I OXI EGG I E IO					REC 3ML [PAY			(LL,001)	(20,012)		(20,012)	,(20, 104)						
				LCH. Clearnet						FSWP: USD													1
	Interest Rate Exposure		INTEREST RISK	LLC/Morgan Stanley						2.806000									_				
REC 3ML, PAY FIXED	Retirement Products	D-1		& Co. LLC	WAM6YERMS70XFZU0Y219	10/04/2017	10/06/2032 .	1	500,000,000	10/6/2032] REC 3ML [PAY	0	0	79,574	(41,016,362)		(41,016,362)	(28,745,929)	0	0	0	8,759,535		0002
				LCH. Clearnet						FSWP: USD													i
CL INTEREST RATE SWAP.	Interest Rate Exposure		INTEREST RISK	LLC/Morgan Stanley						2.806000													i
	Retirement Products	D-1		& Co. LLC	WAM6YERMS70XFZU0Y219	10/04/2017 .	10/06/2032 .	1	350,000,000	10/6/2032]	0	0	55,702	(28,711,453)		(28,711,453)	(20, 122, 150)	0	0	0	6, 131, 674		0002
										REC 3ML [PAY													i
OL INTEREST DATE OWAR	04 11 11 1 1 1 1 4		INTEREST BLOW	LCH. Clearnet						SWP: USD													i
REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC	WAM6YERMS70XFZU0Y219	02/14/2018	02/14/2021	-1	22,000,000	2.568000 14-	0	0	(123,850)	(310,881)		(310,881)	(111,903)	0	0	٥	87 , 129		0001
ILC OME, TAT TIALD		LAIIIDIT 3		a oo. LLo	IIAMOTETIMOTOXI ZOUTZ 13	02/ 14/2010 .	02/ 14/2021 .		22,000,000	REC SWP: USD			(120,000)	(010,001)		(010,001)	(111,500)						0001
				LCH. Clearnet						2.720000 14-													1
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						FEB-2023 [PAY													i
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	02/14/2018 .	02/14/2023 .	1 .	36,000,000		0	0	226,261	2,349,546		2,349,546	1,214,721	0	0	0	291,766		0001
				LCH. Clearnet						REC 3ML [PAY SWP: USD							1						, l
CL INTEREST RATE SWAP	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						2.818000 14-							I						,
REC 3ML, PAY FIXED		Exhibit 5			WAM6YERMS70XFZU0Y219	02/14/2018 .	02/14/2025 .	1	34,000,000		0	0	(226,805)	(3,946,884)		(3,946,884)	(2,129,390)	0	0	0	365,802		0001
										REC SWP: USD											•	-	
				LCH. Clearnet						2.923000 14-							1						,
CL INTEREST RATE SWAP,	Stable Value Products	Fubilitie F		LLC/Morgan Stanley		00/14/0010	00/14/0000		10 000 000	FEB-2028 [PAY	_		100 070	0 000 440		0 000 440	1 000 000		_		040.004		10001
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	. 1.02/14/2018 .		L L	18,000,000	SWL]	ļ0	LU L.	126,872	3,299,110		3,299,110	1,806,388	LU	L0	L0 I	248,604		0001

Showing all Options,	Caps, Floors,	Collars, Swaps and	Forwards Open	as of Current Statement Date	

						Showing a	all Option:	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date								
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 l
	Decembelies										Prior	Current Year Initial											1
	Description of Item(s)									Strike	Year(s) Initial Cost	Cost of										Credit	Hedge
	Hedged,									Price,	of Un-	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
D	Generation	Exhibit	Risk(s)		, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying	0 - 1 -	E-1-1/-1	Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-end
Description	or Replicated	Identifier	(a)	or Central	Clearinghouse	Date	Expiration	Contracts	Amount	(Paid)REC SWP: USD	Paid	Paid	Income	Value	Code	Fair Value	(Decrease)	B./A.C.V.	Accretion	Item	Exposure	Entity	(b)
				LCH. Clearnet						3.002000 14-													i
	Stable Value Products			LLC/Morgan Stanley						FEB-2033 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	02/14/2018 .	02/14/2033 .	······································	128,000,000	3ML] REC SWP: USD	0	0	926,405	35,810,909		35,810,909	20,333,057	0	0	0	2,274,983		0001
				LCH. Clearnet						3.031500 14-													i
	Stable Value Products			LLC/Morgan Stanley						FEB-2038 [PAY		_							_	_			1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	02/14/2018 .	02/14/2038 .	······1	404,000,000	3ML] REC SWP: USD	0	0	2,910,426	149,220,265		149,220,265	87,793,776	0	0	0	8,483,605		0001
				LCH. Clearnet						2.996100 22-													i
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						FEB-2033 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	02/20/2018 .	02/22/2033 .	1 <sub> -</sub>	6,000,000	3ML] REC SWP: USD	0	0	42,031	1,676,907		1,676,907	954,737	0	0	0	106,732		0001
				LCH. Clearnet						2.966200 28-													1
	Stable Value Products			LLC/Morgan Stanley						FEB-2038 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	02/26/2018 .	02/28/2038 .	1	5,000,000	3ML] REC 3ML [PAY	0	0	32,990	1,795,134		1,795,134	1,083,644	0	0	0	105, 109		0001
				LCH. Clearnet						SWP: USD													1
	Stable Value Products			LLC/Morgan Stanley						2.746800 07-													1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/05/2018 .	03/07/2023 .	1	10,000,000	MAR-2023] REC SWP: USD	0	0	(72,753)	(676,881)		(676,881)	(345,908)	0	0	0			0001
				LCH. Clearnet						2.894090 07-													i
	Stable Value Products			LLC/Morgan Stanley						MAR-2028 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/05/2018 .	03/07/2028 .	1	8,000,000	3ML] REC 3ML [PAY	0	0	62, 167	1,459,485		1,459,485	809,301	0	0	0	110,926		0001
				LCH. Clearnet						SWP: USD													1
	Stable Value Products			LLC/Morgan Stanley						2.697960 14-													1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/12/2018 .	03/14/2021 .	1	5,000,000	MAR-2021] REC SWP: USD	0	0	(37,317)	(84,916)		(84,916)	(27,955)	0	0	0	20,978		0001
				LCH. Clearnet						2.795390 14-													1
	Stable Value Products			LLC/Morgan Stanley						MAR-2023 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/12/2018 .	03/14/2023 .	1	5,000,000	3ML] REC SWP: USD	0	0	39,214	347 , 406		347 , 406	173,702	0	0	0	41,110		0001
				LCH. Clearnet						2.915300 14-													1
	Stable Value Products			LLC/Morgan Stanley						MAR-2028 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/12/2018	03/14/2028 .	1	5,000,000	3ML] REC 3ML [PAY	0	0	41,007	922, 109		922, 109	507,233	0	0	0	69,415		0001
				LCH. Clearnet						SWP: USD													1
	Stable Value Products			LLC/Morgan Stanley						2.985500 14-													1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/12/2018 .	03/14/2033 .	1	15,000,000	MAR-2033] REC 3ML [PAY	0	0	(125,269)	(4, 190, 158)		(4, 190, 158)	(2,396,928)	0	0	0	267,408		0001
				LCH. Clearnet						SWP: USD													1
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						2.824000 21-													1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/19/2018 .	03/21/2025 .	1	5,000,000	MAR-2025] REC_SWP:_USD	0	0	(31,782)	(593,988)		(593,988)	(321,041)	0	0	0	54,349		0001
				LCH. Clearnet						2.963800 21-													i
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						MAR-2038 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/19/2018	03/21/2038 .	1	17,000,000	3ML] REC 3ML [PAY	0	0	111,517	6, 114, 839		6,114,839	3,700,651	0	0	0	357,952		0001
				LCH. Clearnet						SWP: USD													i l
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						2.777700 28-													1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/26/2018	03/28/2023 .	1	8,000,000	MAR-2023] REC SWP: USD	0	0	(42,990)	(559,804)		(559,804)	(285, 189)	0	0	0	66,242		0001
				LCH. Clearnet						REC SWP: USD 2.944700 28-													i l
CL INTEREST RATE SWAP,	Stable Value Products			LLC/Morgan Stanley						MAR-2038 [PAY													( l
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	03/26/2018 .	03/28/2038 .	L1 L	18,000,000	3ML]	0	0	101,255	6,421,447		6,421,447	3,919,491	0	0	0	379,213		0001

Showing all Options.	Caps. Floors.	Collars, Swaps and	l Forwards Open a	as of Current Statemen	t Date

						Showing a	all Option	s, Caps, F	loors, Colla	rs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date								
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 l
	December										Prior	Current											1
	Description of Item(s)									Strike	Year(s) Initial Cost	Year Initial Cost of										Credit	Hedge
	Hedged,									Price,	of Un-	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	Quarter-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)
				LCH. Clearnet						REC 3ML [PAY SWP: USD													i l
CL INTEREST RATE SWAP,	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						2.643170 04-													1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	04/02/2018	04/04/2021	1	5,000,000		0	0	(23,892)	(89, 173)		(89, 173)	(32,900)	0	0	0	21,818		0001
				LCH. Clearnet						REC SWP: USD 2.770560 04-													1
CL INTEREST BATE SWAP	Stable Value Products		INTEREST BISK	LLC/Morgan Stanley						2.770560 04- APR-2028 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5			WAM6YERMS70XFZU0Y219	04/02/2018	.04/04/2028	1	5,000,000	3ML]	0	0	25,520	870,717		870,717	510, 143	0	0	0	69,674		0001
										REC SWP: USD													i l
OL INTEDECT DATE CWAD	Stable Value Products		INTEDEST DISK	LCH. Clearnet LLC/Morgan Stanley						2.841900 04- APR-2038 [PAY													1
REC FIXED. PAY 3ML	Stable value Flouucts	Exhibit 5	INTEREST RISK	& Co. LLC	WAM6YERMS70XFZU0Y219	04/02/2018	04/04/2038	1	13,000,000		0	0	66.784	4,411,046		4,411,046	2,809,294	0	0	0	274,024		0001
, , , , , , , , , , , , , , , , , , , ,									,	REC 3ML [PAY			,	, ,							,		1
OL LATEREST BATE OWAR			INTEREST BLOW	LCH. Clearnet						SWP: USD													i l
REC 3ML. PAY FIXED	Stable Value Products	Exhibit 5		LLC/Morgan Stanley & Co. LLC	WAM6YERMS70XFZU0Y219	04/09/2018	04/11/2025	,	5,000,000	2.769100 11- 4PR-20251	0	0	(26,779)	(585, 342)		(585,342)	(323,621)	0	0	0	54.678		0001
ILC OME, TAT TIALD		LAIIIDIT 3		a oo. LLo	IIAMOTETIMOTOAT 2001213	04/ 03/ 2010	04/11/2023	'	5,000,000	REC SWP: USD			(20,773)	(303,042)		(303,042)	(020,021)						0001
				LCH. Clearnet						2.816490 11-													1
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley		04 (00 (00 40	0.4.4.4.400000			APR-2028 [PAY			20. 700	4 007 407		4 007 407	040.077				00.740		10004
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	04/09/2018	04/11/2028 .	1	6,000,000	3ML] REC 3ML [PAY	0	0	32,798	1,067,107		1,067,107	612,377	0	0	0	83,712		0001
				LCH. Clearnet						SWP: USD													1
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						2.868500 11-													1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	04/09/2018	04/11/2033 .	1	5,000,000		0	0	(27,737)	(1,328,214)		(1,328,214)	(798,211)	0	0	0	89,404		0001
				LCH. Clearnet						REC SWP: USD 2.814900 18-													1
CL INTEREST RATE SWAP,	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						APR-2023 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	04/16/2018	04/18/2023 .	1	9,000,000	3ML]	0	0	53,681	647,995		647,995	321,661	0	0	0	75,299		0001
				LCH. Clearnet						REC 3ML [PAY SWP: USD													1
CL INTEREST RATE SWAP.	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						2.932500 18-													i
REC 3ML, PAY FIXED		Exhibit 5			WAM6YERMS70XFZU0Y219	04/16/2018	04/18/2038 .	1	16,000,000	APR-2038]	0	0	(95,700)	(5,681,967)		(5,681,967)	(3,481,467)	0	0	0	337,624		0001
										REC 3ML [PAY													1
O INTEDECT DATE CWAD	Stable Value Products		INTEDEST DISK	LCH. Clearnet LLC/Morgan Stanley						SWP: USD 3.048700 25-													1
REC 3ML, PAY FIXED	otable value illuducts	Exhibit 5	INTEREST THE	& Co. LLC	WAM6YERMS70XFZU0Y219	04/23/2018	04/25/2038	1	20,000,000		0	0	(134, 101)	(7,506,345)		(7,506,345)	(4,389,280)	0	0	0	422,257		0001
										REC 3ML [PAY		[						, i					í
OL INTEREST DATE OWAR	04 11 11 1 10 1 4		INTEREST BLOW	LCH. Clearnet						SWP: USD													1
REC 3ML. PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC	WAM6YERMS70XFZU0Y219	04/23/2018	.04/25/2033	1	5.000.000	3.036880 25- APR-20331	0	0	(34, 108)	(1,436,260)		(1,436,260)	(804,974)	0	0	0	89.538		0001
THEO ONE, THE THEO		Z		w 001 EE0						REC 3ML [PAY			(0., 100)	( 1, 100, 200)		(1,100,200)							1
				LCH. Clearnet						SWP: USD													1
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC	WAM6YERMS70XFZU0Y219	04/23/2018	04/25/2028 .		6,000,000	2.995600 25-			(40,892)	(1,153,911)		(1, 153, 911)	(614,063)	0	0		83,918		0001
NEC SML, PAT FIXED		EXIIIDIT 5		α CO. LLC	, WAMOTERNIO/UNF2001219	04/23/2010	04/23/2020 .			REC_SWP:_USD			(40,092)	(1,133,911)		(1,133,911)	(014,003)	0		0			0001
				LCH. Clearnet						3.032400 02-													1
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley				_		MAY-2038 [PAY		_							_	_			1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	04/30/2018	05/02/2038 .	1	10,000,000	3ML] REC 3ML [PAY	0	0	72,633	3,731,165		3,731,165	2, 196,890	0	0	0	211,242		0001
				LCH. Clearnet						SWP: USD													í J
	Stable Value Products			LLC/Morgan Stanley						3.037810 09-													i J
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	05/07/2018	05/09/2033 .	1	5,000,000		0	0	(37,220)	(1,442,038)		(1,442,038)	(808,830)	0	0	0	89,672		0001
				LCH. Clearnet						REC SWP: USD 3.051500 09-													í l
CL INTEREST RATE SWAP.	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						MAY-2038 [PAY													i J
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	05/07/2018	05/09/2038 .	1	7,000,000		0	0	51,351	2,637,367		2,637,367	1,541,646	0	0	0	147,949		0001

Showing all Ontions Cans	Floors Collars Sv	vans and Forwards One	en as of Current Statement D	ate
SHOWING All Options, Caps,	i luulo, Gullaio, Sv	vaps and i diwards Opt	ch as of Guilent Statement D	aıc

					Showing a	all Options	s, Caps, Fl	oors, Colla	ırs, Swaps a	and Forwar	ds Open a	s of Curre	nt Stateme	nt Date							
1	2	3	4	5	6	7	8	9	10	11 Cumulative Prior	12 Current	13	14	15 16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Year(s) Initial Cost of Un- discounted Premium (Received) Paid	Year Initial Cost of Un- discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amorti- zation)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Refer- ence Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
Boomption	o. Hophicatea	i donano.	(4)	or contrar croamignous	Date		0011114010	7 11110 0111	REC 3ML [PAY	1 4.4			raido	7 411 74146	(200.0000)	5	71001011011			Linery	(2)
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/14/2018	05/16/2021 .	1	5,000,000	SWP: USD 2.854490 16- MAY-2021] REC 3ML [PAY	0	0	(34,801)	(112,732)	(112,732)	(35,902)	0	0	0	23,408		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/21/2018	05/23/2033 .	1	7,000,000	SWP: USD 3.154000 23- MAY-2033] REC 3ML [PAY	0	0	(52,968)	)(2, 126, 773)	(2,126,773)	(1, 141, 227)	0	0	0	125,728		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC	05/21/2018	05/23/2038 .	1	17,000,000	REC SWP: USD	0	0	(126,233)	)(6,745,262)	(6,745,262)	(3,780,893)	0	0	0	359,690		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/29/2018	05/31/2038 .	1	15,000,000	2.920000 31- MAY-2038 [PAY 3ML] REC 3ML [PAY	0	0	95,576	5,326,196	5,326,196	3,283,471	0	0	0	317,568		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLCWAM6YERMS70XFZU0Y219	06/04/2018	06/06/2023 .	1	6,000,000	SWP: USD 2.915000 06- JUN-2023] REC 3ML [PAY	0	0	(49,006)	(472,387)	(472,387)	(226,007)	0	0	0	51,389		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLCWAM6YERMS70XFZU0Y219	06/04/2018	06/06/2025 .	1	5,000,000	SWP: USD 2.947200 06- JUN-2025] REC SWP: USD	0	0	(41, 124)	(647,013)	(647,013	(332,642)	0	0	0 .	55,548		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLCWAM6YERMS70XFZU0Y219	06/04/2018	06/06/2028 .	1	13,000,000	2.993100 06- JUN-2028 [PAY 3ML] REC SWP: USD	0	0	108,069	2,532,410	2,532,410	1,353,274	0	0	0 .	183, 154		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLCWAM6YERMS70XFZU0Y219	06/04/2018	06/06/2038 .	1	6,000,000	3.042750 06- JUN-2038 [PAY 3ML] REC 3ML [PAY	0	0	49, 135	2,259,841	2,259,841	1,326,419	0	0	0 .	127,085		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLCWAM6YERMS70XFZU0Y219	06/11/2018	06/13/2021 .	1	5,000,000	REC SWP: USD	0	0	(42,155)	( 124, 695)	(124,695)	(41, 175)	0	0	0 .	24,411		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLCWAM6YERMS70XFZU0Y219	06/11/2018	06/13/2023 .	1	7,000,000	2.946100 13- JUN-2023 [PAY 3ML] REC 3ML [PAY	0	0	60,283	561,090	561,090	265, 113	0	0	0 .	60,149		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLCWAM6YERMS70XFZU0Y219	06/11/2018	06/13/2028 .	1	6,000,000	REC SWP: USD	0	0	(52,525)	)(1, 185, 946)	(1,185,946)	(626,211)	0	0	0 .	84,635		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	06/18/2018	06/20/2038 .	1	9,000,000	3.026600 20- JUN-2038 [PAY 3ML] REC SWP: USD	0	0	64,488	3,370,637	3,370,637	1,992,642	0	0	0 .	190,832		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	06/25/2018	06/27/2038 .	1	6,000,000	REC 3ML [PAY	0	0	37,146	2,207,985	2,207,985	1,326,981	0	0	0 .	127,289		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	07/02/2018	07/05/2021 .	1	5,000,000	SWP: USD 2.877700 05- JUL-2021]	0	0	(29,737)	(131,868)	(131,868	(45,405)	0	0	0 .	25, 171		0001

CL INTEREST RATE SWAP, Stable Value Products

CL INTEREST RATE SWAP, Stable Value Products

REC 3ML, PAY FIXED ..

REC 3ML, PAY FIXED ..

LCH. Clearnet

& Co. LLC .......... WAM6YERMS70XFZU0Y219 . ..09/10/2018 ...09/12/2033

WAM6YERMS70XFZU0Y219 . ..09/10/2018 ...09/12/2038

INTEREST RISK LLC/Morgan Stanley

INTEREST RISK LLC/Morgan Stanley & Co. LLC

Exhibit 5 ..

#### STATEMENT AS OF JUNE 30, 2020 OF THE VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY

### SCHEDULE DR. PART A. SECTION 1

	T	ı	ı		Chowing	an Option	3, Caps, i	loors, Colla				is of Ourici	it Otatome									
1	2 Description	3	4	5	6	7	8	9	10	11 Cumulative Prior	12 Current Year Initial	13	14	15	16	17	18	19	20	21	22	23
	of Item(s) Hedged, Used for		Type(s)			Date of			Strike Price, Rate or	Initial Cost of Un-	Cost of Un- discounted		Book/			Unrealized	Total Foreign	Current Year's	Adjustment to Carrying		Credit Quality of	
Description	Income Generation or Replicated	Schedule/ Exhibit Identifier	of Risk(s)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Maturity or Expiration	Number of Contracts	Notional Amount	Index Received (Paid)	Premium	Premium (Received)	Current Year Income	Adjusted Carrying Value	Code	Fair Value	Valuation Increase/ (Decrease)	Exchange Change in B./A.C.V.	(Amorti- zation)/ Accretion	Value of Hedged Item	Potential Exposure	Refer- ence Entity	and at Quarter-end
Becompact	Or replicated	identino	(α)	Ŭ.	Dute	Expiration	Contracto	7 unount	REC 3ML [PAY	1 414	i did	moome	Value	Code	T dii Valac	(Bedreade)	<i>D.</i> ,, t.O. v.	71001011011	itom	Ехрооціо	Linky	(5)
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet { LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZU0Y2	1907/02/2018	07/05/2025	1	5,000,000		0	0	(29,587)	(647,747)	)	(647,747)	(338,611)	)0	0	0	55,994		. 0001
CL INTEREST RATE SWAP,	Stable Value Products		INTEREST RISK	LCH. Clearnet <pre>CLC/Morgan Stanley</pre>					REC SWP: USD 2.943000 05- JUL-2028 [PAY													
REC FIXED, PAY 3ML		Exhibit 5		. & Co. LLC WAM6YERMS70XFZU0Y2	1907/02/2018	07/05/2028	1	8,000,000	3ML] REC 3ML [PAY	,0	0	47,457	1,537,925		1,537,925	839,897	0	0	0	113,273		0001
	Stable Value Products		INTEREST RISK	LCH. Clearnet <pre>KLLC/Morgan Stanley</pre>					SWP: USD 2.971910 05-													
REC 3ML, PAY FIXED		Exhibit 5		. & Co. LLC WAM6YERMS70XFZU0Y2	1907/02/2018	07/05/2033	1	6,000,000	JUL-2033] REC SWP: USD	0	0	(35,342)	(1,696,268)		(1,696,268)	(979, 164)	0	0	0	108,258		0001
	Stable Value Products		INTEREST RISK	LCH. Clearnet CLLC/Morgan Stanley	40 07 (00 (00 40	07.05.0000		7 000 000	2.971500 05- JUL-2038 [PAY			40.404	0 550 050		0 550 050	4 540 400				440.504		
REC FIXED, PAY 3ML		Exhibit 5		. & Co. LLC WAM6YERMS70XFZU0Y2	190//02/2018	07/05/2038	1	7,000,000	3ML] REC 3ML [PAY	,  0	0	40, 101	2,558,850		2,558,850	1,546,162	0	0	0	148,594		0001
CL INTEREST RATE SWAP, REC 3ML. PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet ( LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZU0Y2	19 07/09/2018	07/11/2038	1	11.000.000	SWP: USD 2.948980 11- 20381	0	0	(63,443)	(3,979,163		(3,979,163)	(2,425,945)	0	0	0	233,611		0001
				LCH. Clearnet	.0				REC 3ML [PAY SWP: USD	,		(00,110)	(0,0.0,100		(0,0.0,100	(2, 120,010)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			200,011		
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZU0Y2	1908/06/2018	08/08/2038	1	17,000,000	3.057800 08- AUG-2038] REC 3ML [PAY	,0	0	(124,629)	(6,494,292)	)	(6,494,292)	(3,794,552)	00	0	0	361,803		0001
	Stable Value Products	5 1 11 11 5	INTEREST RISK	LCH. Clearnet ( LLC/Morgan Stanley	10 00 (00 (00 10	00 (00 (0000		47,000,000	SWP: USD 3.049400 08-		0	(400,004)	(F 004 004)		/F 004 004)	(0.004.400)				007.005		0004
REC 3ML, PAY FIXED		Exhibit 5		. & Co. LLC WAM6YERMS70XFZU0Y2 LCH. Clearnet	1908/06/2018	08/08/2033		17,000,000	AUG-2033] REC 3ML [PAY SWP: USD	,	0	(126,884)	(5,001,304)	,	(5,001,304)	)(2,801,162)	)0	0	0	307,825		. 0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	( LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZU0Y2	1908/06/2018	08/08/2021	1	5,000,000	2.919530 08- AUG-2021] REC SWP: USD	0	0	(36,855)	(146,570)	)	( 146 , 570)	(51,011)	)0	0	0	26,302		0001
	Stable Value Products		INTEREST RISK	LCH. Clearnet <pre>LLC/Morgan Stanley</pre>					2.863500 08- AUG-2020 [PAY													
REC FIXED, PAY 3ML		Exhibit 5		. & Co. LLC WAM6YERMS70XFZU0Y2	1908/06/2018	08/08/2020	1	8,000,000	3ML] REC 3ML [PAY SWP: USD	,0	0	57,174	20,829		20,829	(30,598)	)0	0	0	13,075		. 0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZU0Y2	1909/10/2018	09/12/2021	1	7,000,000	2.941000 12- SEP-2021]	0	0	(60,910)	(225,937)	)	(225,937)	(81,054)	)0	0	0	38,384		0001
CL INTEREST RATE SWAP.	Stable Value Products		INTEREST RISK	LCH. Clearnet					REC SWP: USD 2.897860 12- SEP-2020 [PAY													
REC FIXED, PAY 3ML		Exhibit 5		. & Co. LLC WAM6YERMS70XFZU0Y2	1909/10/2018	09/12/2020	1	7,000,000	3ML] REC SWP: USD	0	0	59,800	36,477		36,477	(16,949)	)0	0	0	15,759		. 0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZU0Y2	1909/10/2018	09/12/2023	1	17,000,000	2.951900 12- SEP-2023 [PAY 3ML]	0	0	146,954	1,476,419		1,476,419	707,210	0	0	0	152, 118		0001
•	Stable Value Products		INTEREST DIGI	LCH. Clearnet				, ,,,,,	REC 3ML [PAY SWP: USD 3 033500 12-	′					. ,					. ,		

3.033500 12-

SWP: USD

...REC 3ML [PAY

..(77,553)..

....(2,645,459)

...(6,852,662)

...(2,645,459).

..(6,852,662)

...(1,492,828)

..(4,033,969)

.163,561

0001 ..

..9,000,000 SEP-2033]

3.040370 12-.18,000,000 SEP-2038]

Showing all Options, Caps, F	Floors, Collars, Swaps and Forwards	Open as of Current Statement Date
------------------------------	-------------------------------------	-----------------------------------

				:	Showing a	all Options	s, Caps, Fl	oors, Colla	irs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date	!							
1	2	3	4	5	6	7	8	9	10	11 Cumulative	12	13	14	15	16	17	18	19	20	21	22	23
	Description of Item(s) Hedged,								Strike Price,	Prior Year(s) Initial Cost of Un-	Current Year Initial Cost of Un-						Total	Current	Adjustment		Credit Quality	Hedge Effectiveness
	Used for Income	Schedule/	Type(s) of			Date of Maturity	Number		Rate or Index	discounted Premium	discounted Premium	Current	Book/ Adjusted			Unrealized Valuation	Foreign Exchange	Year's (Amorti-	to Carrying Value of		of Refer-	at Inception and at
5	Generation	Exhibit	Risk(s)	Exchange, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying			Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-end
Description	or Replicated	Identifier	(a)	or Central Clearinghouse	Date	Expiration	Contracts	Amount	(Paid)REC SWP: USD	Paid	Paid	Income	Value	Code	Fair Value	(Decrease)	B./A.C.V.	Accretion	Item	Exposure	Entity	(b)
				LCH. Clearnet					3.070500 11-													
	, Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	10 (00 (0010	10/11/2020 .		8,000,000	OCT-2020 [PAY			EC E47	60,299		60,299	(18,809)	0	0		04 040		0001
REC FIXED, PAY 3ML		EXHIBIT 5		& CO. ELC WAMBTERMS/UXFZUUTZ19	10/09/2018 .	10/11/2020 .		8,000,000	REC 3ML [PAY	0		56,547				(18,809)		0	0	21,249		0001
OL INTEREST BATE OWAR			INTEREST BLOW	LCH. Clearnet					SWP: USD													
REC 3ML. PAY FIXED	, Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	10/09/2018 .	10/11/2021	1	5,000,000	3.147000 11- 0CT-20211	0	0	(36,928)	(184, 165)		(184, 165)	(57,533)	0	0	0	28,308		0001
									REC SWP: USD							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
CL INTEREST RATE SWAP	Stable Value Products		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					3.187000 11- 0CT-2023 [PAY													
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	10/09/2018 .	10/11/2023 .	1	11,000,000	3ML]	0	0	82,032	1,059,989		1,059,989	458,087	0	0	0	99,643		0001
				LCH. Clearnet					REC SWP: USD 3.265000 11-													
CL INTEREST RATE SWAP	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					OCT-2028 [PAY													
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	10/09/2018 .	10/11/2028 .	1	11,000,000		0	0	83,206	2,458,291		2,458,291	1, 189, 340	0	0	0	158,336		0001
				LCH. Clearnet					REC 3ML [PAY SWP: USD													
CL INTEREST RATE SWAP	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley	10 (00 (00 10	40 /44 /0000		04 000 000	3.306500 11-			(450,000)	(0.040.004)		(0.040.004)	(0.500.000)				000 700		
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	10/09/2018 .	10/11/2033 .	1	21,000,000	OC1-2033] REC 3ML [PAY	0	0	(158,232)	(6,940,261)		(6,940,261)	(3,538,069)	0	0	0	382,788		0001
				LCH. Clearnet					SWP: USD													
CL INTEREST RATE SWAP REC 3ML. PAY FIXED	, Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	10/09/2018 .	.10/11/2038	1	36.000.000	3.311900 11-	0	0	(264,784)	(15.456.522)		(15,456,522)	(8,243,268)	0	0	0	769,869		0001
TIEC ONE, TAT TIXED		LAIIIDIT 5			10/ 03/ 20 10 .	10/11/2000 .		90,000,000	REC SWP: USD			(204,704)	(10,400,022)		(10,400,022)	(0,240,200)				103,003		0001
OL INTEREST DATE SWAR	. Stable Value Products		INTEREST DIOV	LCH. Clearnet LLC/Morgan Stanley					3.105000 07- NOV-2020 [PAY													
REC FIXED, PAY 3ML	, Stable value Floudcis	Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	11/05/2018 .	11/07/2020 .	1	8,000,000		0	0	67,552	78,910		78,910	(10,775)	0	0	0	23,872		0001
				Lau al					REC 3ML [PAY													
CL INTEREST RATE SWAP	Stable Value Products		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					SWP: USD 3.148900 07-													
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	11/05/2018 .	11/07/2021 .	1 .	7,000,000		0	0	(60, 192)	(274, 296)		(274,296)	(88,811)	0	0	0	40,759		0001
				LCH. Clearnet					REC 3ML [PAY SWP: USD													
	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					3.199220 07-													
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	11/05/2018 .	11/07/2025 .	1	7,000,000	NOV-2025] REC 3ML [PAY	0	0	(60,256)	(1,064,770)		(1,064,770)	(500,087)	0	0	0	81,023		0001
				LCH. Clearnet					SWP: USD													
CL INTEREST RATE SWAP REC 3ML, PAY FIXED	, Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	11/05/2018 .	11/07/2033 .	,	11,000,000	3.322500 07-	0		(96,953)	(3,676,093)		(3,676,093)	(1,865,737)	0	0	0	201,065		0001
NEC SINE, PAT FIXED		EXIIIDIT 5		& CO. EEC	11/03/2010 .	11/0//2000 .		11,000,000	REC SWP: USD			(90,933)	(3,070,093)		(3,070,093)	(1,000,707)	0	0		201,000		0001
OL INTEREST DATE OWAR	0.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		INTEREST DION	LCH. Clearnet					2.855500 12-													
REC FIXED, PAY 3ML	, Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	12/10/2018 .	12/12/2020 .	1	9,000,000	DEC-2020 [PAY 3ML1	0	0	75,048	104,418		104.418	12,058	0	0	0	30,256		0001
									REC 3ML [PAY													
CL INTEREST RATE SWAP	, Stable Value Products		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					SWP: USD 2.817370 12-													
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	12/10/2018 .	12/12/2021 .	1 .	15,000,000	DEC-2021]	0	0	(121,449)	(560,923)		(560,923)	(236, 120)	0	0	0	90,376		0001
				LCH. Clearnet					REC 3ML [PAY SWP: USD													
CL INTEREST RATE SWAP	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					2.799750 12-													
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	12/10/2018 .	12/12/2023 .	1	5,000,000		0	0	(39,550)	(440,626)		(440,626)	(229,457)	0	0	0	46,449		0001
				LCH. Clearnet					REC 3ML [PAY SWP: USD													
CL INTEREST RATE SWAP	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley	40 (40 (00 :=	40 440 400==		40 000	2.825500 12-	_		(100 555)	/4 745		/4 745	(050		_		464 5		
REC 3ML, PAY FIXED	.	Exhibit 5	I	& Co. LLC WAM6YERMS70XFZU0Y219 .	1 12/10/2018	12/12/2025	1 1	13.000.000	DEC-20251	. 0	1 01	(103,299)	(1.745.829)		(1,745,829)	(958.072)	0 1	. 0	0	151.811	1	0001

### STATEMENT AS OF JUNE 30, 2020 OF THE VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY

### COUEDINE DE DARTA CECTIONA

	SCHEDULE DB - PART A - SECTION 1																			
		•				all Option	s, Caps, F	loors, Colla		and Forwards Open		nt Stateme							,	
1	Description of Item(s) Hedged, Used for Income Generation	3 Schedule/Exhibit	Type(s) of Risk(s)	5  Exchange, Counterparty	6 Trade	7  Date of Maturity or	8 Number of	9 Notional	Strike Price, Rate or Index Received	11 12 Cumulative Prior Year(s) Initial Cost of Un- discounted Premium (Received)  12 Current Year Initial Cost of Un- discounted Premium (Received) (Received)	Current Year	Book/ Adjusted Carrying	15 16	Unrealized Valuation Increase/	Total Foreign Exchange Change in	Current Year's (Amorti- zation)/	Adjustment to Carrying Value of Hedged	21 Potential	Credit Quality of Refer- ence	Hedge Effectiveness at Inception and at Quarter-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)
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y2	21912/10/2018	12/12/2038 .	1	90,000,000	REC SWP: USD 2.983800 12- DEC-2038 [PAY 3ML] REC SWP: USD	0	741,677	33,744,101	33,744,101	20,345,284	0	0	0	1,933,587		0001
	Cash flow hedge mortgage derivative Products	D-1	INTEREST RISK	LCH. Clearnet <pre>LLC/Morgan Stanley</pre> <pre>&amp; Co. LLC WAM6YERMS70XFZUOY2</pre>	21912/18/2018	12/20/2023 .	1	8,000,000		0	63,216	694,312	694,312	367,080	0	0	0	74,554		0002
CL INTEREST RATE SWAP,		D-1	INTEREST RISK	LCH. Clearnet ( LLC/Morgan Stanley .& Co. LLC WAM6YERMS70XFZUOY2	21912/18/2018	12/20/2023	1	250,000,000	REC SWP: USD 2.648000 20- DEC-2023 [PAY 1ML]	0	1,975,501	21,697,254	21,697,254	11,471,237	0	0	0	2,329,824		0002
CL INTEREST RATE SWAP,	Cash flow hedge mortgage derivative	D-1	INTEREST RISK	LCH. Clearnet ( LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZUOY2			1	4,000,000	REC SWP: USD 2.648000 20- DEC-2023 [PAY 1ML]	0	31,608	347 , 156	347 , 156	183,540	0	0	0	37,277		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 1ML		D-1	INTEREST RISK	LCH. Clearnet ( LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZUOY2	21912/20/2018	12/24/2028 .	1	5,000,000		0	38,942	949,311	949,311	550,244	0	0	0	72,846		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 1ML		D-1	INTEREST RISK	LCH. Clearnet ( LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZUOY2	21912/20/2018	12/24/2028 .	1	150,000,000	REC SWP: USD 2.707000 24- DEC-2028 [PAY 1ML] REC 3ML [PAY	0	1,168,269	28,479,331	28,479,331	16,507,316	0	0	0	2, 185, 373		0002
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet ( LLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZUOY2	21901/14/2019	01/16/2039 .	1	249,000,000	SWP: USD 2.856500 16-	0	(1,392,244	) <u>(</u> 88,040,428	(88,040,428	)(55,994,246	)0	0	0	5,363,466		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet CLLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZUOY2	21901/14/2019	01/16/2021 .	1	21,000,000	2.697030 16- JAN-2021 [PAY 3ML] REC 3ML [PAY	0	114,776	271,566	271,566	68,491	0	0	0	77,724		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet CLLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZUOY2	21901/14/2019	01/16/2024	1	29,000,000	REC SWP: USD	0	(143,172	)(2,425,396	)(2,425,396	)(1,383,812	)0	0	0	273, 122		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet CLLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZUOY2	21901/14/2019	01/16/2026	1	13,000,000	2.651260 16- JAN-2026 [PAY 3ML] REC SWP: USD	0	65,306	1,641,367	1,641,367	975,740	0	0	0	153, 139		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet CLLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZUOY2	21901/14/2019	01/16/2029	1	13,000,000	2.730000 16- JAN-2029 [PAY 3ML] REC 3ML [PAY	0	68,869	2,389,040	2,389,040	1,441,845	0	0	0	190, 101		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet CLLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZUOY2	21901/14/2019	01/16/2034	1	25,000,000	SWP: USD 2.824480 16- JAN-2034] REC SWP: USD	0	(139,709	)(6,801,178	)(6,801,178	)(4, 203, 189	)0	0	0	460,234		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet KLLC/Morgan Stanley . & Co. LLC WAM6YERMS70XFZUOY2	21902/04/2019	02/06/2021 .	1	9,000,000	2.671500 06- FEB-2021 [PAY 3ML] REC 3ML [PAY	0	55,900	127 , 558	127 ,558	37,952	0	0	0	35,016		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet { LLC/Morgan Stanley . & Co. LLC WAMGYERMS70XFZUOY;	21902/05/2019	02/07/2024	1	12,000,000	SWP: USD 2.604350 07-	0	(69,768	)(1,015,808	(1,015,808	)(585,313	)0	0	0	113,972		0001

REC 3ML, PAY FIXED ..

REC 3ML, PAY FIXED ..

REC FIXED, PAY 3ML ...

REC FIXED, PAY 3ML ...

REC FIXED, PAY 3ML

CL INTEREST RATE SWAP, Stable Value Products

Exhibit 5.

Exhibit 5.

Exhibit 5.

Exhibit 5 ..

& Co. LLC .....

LCH. Clearnet

& Co. LLC ......

LCH. Clearnet INTEREST RISK LLC/Morgan Stanley

& Co. LLC ....

LCH. Clearnet

LCH. Clearnet
INTEREST RISK LLC/Morgan Stanley

& Co. LLC .....

INTEREST RISK LLC/Morgan Stanley

INTEREST RISK LLC/Morgan Stanley

#### STATEMENT AS OF JUNE 30, 2020 OF THE VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY

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

					Showing a	all Option	s, Caps, F	loors, Coll	ars, Swaps	T			nt Stateme									т
1	Description of Item(s)	3	4	5	6	7	8	9	10 Strike	11 Cumulative Prior Year(s) Initial Cost	Current Year Initial	13	14	15	16	17	18	19	20	21	22 Credit	23 Hedge
	Hedged, Used for Income	Schedule/	Type(s) of			Date of Maturity	Number		Price, Rate or Index	of Un- discounted Premium	Un- discounted Premium	Current	Book/ Adjusted			Unrealized Valuation	Total Foreign Exchange	Current Year's (Amorti-	Adjustment to Carrying Value of		Quality of Refer-	Effectivene at Inception
Description	Generation or Replicated	Exhibit Identifier	Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	or Expiration	of Contracts	Notional Amount	Received (Paid)	(Received)	(Received)	Year Income	Carrying Value	Code	Fair Value	Increase/ (Decrease)	Change in B./A.C.V.	zation)/ Accretion	Hedged Item	Potential Exposure	ence Entity	Quarter-er
	, Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC			Contracts		REC 3ML [PAY SWP: USD 2.812800 07- D FEB-2034] REC SWP: USD	0	0	(38,857			(1,629,196)	, ,		0	0	110,701		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	, Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 . LCH. Clearnet	02/28/2019	03/04/2021	1	20,000,000	2.610500 04- MAR-2021 [PAY 0 3ML] REC SWP: USD 2.561830 04-	0	0	124, 265	312,874		312,874	110,444	0	0	0	82,263		0001
REC FIXED, PAY 3ML		Exhibit 5		LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 . LCH. Clearnet	02/28/2019	03/04/2024	1	28,000,000	MAR-2024 [PAY 0 3ML] REC SWP: USD 2.719000 04-	0	0	163,631	2,376,747		2,376,747	1,402,002	0	0	0	268,547		0001
REC FIXED, PAY 3ML	, Stable Value Products	Exhibit 5		LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 . LCH. Clearnet	02/28/2019	03/04/2029	1	22,000,000	REC 3ML [PAY SWP: USD	,0	0	141,320	4,078,801		4,078,801	2,478,699	0	0	0	324, 121		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	, Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAMGYERMS70XFZU0Y219 . LCH. Clearnet	02/28/2019	03/04/2034	1	40,000,000	2.832880 04- D MAR-2034] REC 3ML [PAY SWP: USD	,0	0	(272, 165	)(11,026,404)		(11,026,404)	(6,798,104)	00	0	0	739,863		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	, Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 . LCH. Clearnet	02/28/2019	03/04/2039	1	127,000,000	2.874500 04- D MAR-2039] REC SWP: USD 2.494500 01-	0	0	(869,782	)(45,608,110)		(45,608,110)	(28,803,462)	0	0	0	2,745,057		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	, Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .  LCH. Clearnet	03/28/2019	04/01/2034	1	39,000,000	APR-2034 [PAY	,0	0	139,619	9,025,157		9,025,157	6,568,885	0	0	0	723,385		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	, Stable Value Products	Exhibit 5		LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	03/28/2019	04/01/2029	1	6,000,000	2.375410 01- 0 APR-2029] REC 3ML [PAY SWP: USD	,0	0	(18,759	)(940,853)		(940,853)	(680,866)	)0	0	0	88,786		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED		Exhibit 5		LLC/Morgan Stanley & Co. LLC WAMGYERMS70XFZU0Y219 .	03/28/2019	04/01/2022	1	15,000,000	2.255790 01- 0 APR-2022] REC 3ML [PAY SWP: USD	,0	0	(41,085	)(532,086)		(532,086)	(343,138)	0	0	0	99,313		0001
CL INTEREST RATE SWAP	, Stable Value Products	Evhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley	02/20/2010	04/01/2026	1	16 000 000	2.279940 01-	0		(42 022	(1.747.020)		(1 747 020)	(1 262 224)			0	101 026		0001

. 16,000,000 APR-2026]

..37,000,000 APR-2024]

..171,000,000 3ML]

..5,000,000 3ML]

...REC 3ML [PAY

....REC SWP: USD 2.536500 01-

...REC SWP: USD

....REC SWP: USD 2.364200 10-

SWP: USD

2.233200 01-

APR-2039 [PAY

2.456800 10-

APR-2021 [PAY

APR-2024 [PAY

..(43,833).....(1,747,020)

..(94,943).....(2,747,397

.....51,237,688

.20,208

.83,417

...(1,747,020)...

...51,237,688

.83,417

..1,110,847

...(2,747,397).....(1,947,615)

....(1,262,334)

...38,021,712

.38,061

..729,373

.191,936

..3,703,678

.22,052

0001.

0001

0001

0001 .

WAM6YERMS70XFZU0Y219 . ..03/28/2019 ...04/01/2026

WAM6YERMS70XFZU0Y219 . ..03/28/2019 ...04/01/2024

WAM6YERMS70XFZU0Y219 . ..03/28/2019 ...04/01/2039

WAM6YERMS70XFZU0Y219 . ..04/08/2019 ...04/10/2021

WAM6YERMS70XFZU0Y219 . ..04/08/2019 ...04/10/2024

5	Showing a	all Options	s, Caps, F	loors, Colla	irs, Swaps	and Forwai	rds Open a	s of Currer	nt Stateme	nt Date	!
	9	7	0	0	10	11	12	12	1./	15	

					Showing a	all Options	s, Caps, Flo	oors, Colla	ars, Swaps a	and Forwai	rds Open a	s of Currei	nt Stateme	nt Date							
1	2	3	4	5	6	7	8	9	10	11 Cumulative Prior	12 Current	13	14	15 16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Year(s) Initial Cost of Un- discounted Premium (Received) Paid	Year Initial Cost of Un- discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amorti- zation)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Refer- ence Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
Boomption	or reprisated	- Idonano	(ω)	or contrar orearingness	Date	_xp.racon	oona doto	7 11110 01111	REC 3ML [PAY				raido	7 4 7 4	(200.000)	5	7.00.01.011	ito		Linkly	(2)
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	04/08/2019	04/10/2034 .	1	12,000,000	SWP: USD 2.613480 10- APR-2034] REC 3ML [PAY	0	0	(52,746)	(2,969,245)	(2,969,245	(2,030,616)	)0	0	0	222,779		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	04/08/2019	04/10/2039 .	1	72,000,000	SWP: USD 2.660000 10- APR-2039] REC SWP: USD	0	0	(323, 321)	<u>(</u> 23, 181, 013)	(23, 181, 013	(16, 150, 629)	0	0	0 .	1,560,468		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/30/2019	06/03/2021 .	1	18,000,000	2.137800 03- JUN-2021 [PAY	0	0	60,679	309, 251	309,251	203,910	0	0	0 .	86,607		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/30/2019	06/03/2022 .	1	12,000,000	SWP: USD 2.058400 03-	0	0	(35,393)	(422, 372)	(422,372	(313,068)	0	0	0 .	83,269		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/30/2019	06/03/2024 .	1	46,000,000	SWP: USD 2.053770 03-	0	0	(132,361)	(3,230,222)	(3,230,222	(2,548,065)	)0	0	0 .	455,886		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/30/2019	06/03/2026 .	1	16,000,000	SWP: USD 2.105500 03-	0	0	(49,390)	(1,621,620)	(1,621,620	(1,296,857)	)0	0	0 .	194,792		0001
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/30/2019	06/03/2029 .	1	7,000,000	SWP: USD 2.203600 03- JUN-2029] REC SWP: USD	0	0	(24,523)	(1,005,923)	(1,005,923	(804,360)	0	0	0 .	104,600		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/30/2019	06/03/2034 .	1	26,000,000	2.324000 03- JUN-2034 [PAY 3ML] REC SWP: USD	0	0	103,682	5,469,613	5,469,613	4,385,861	0	0	0 .	485,272		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/30/2019	06/03/2039 .	1	128,000,000	2.381500 03- JUN-2039 [PAY 3ML] REC SWP: USD	0	0	533,744	35,031,948	35,031,948	28,329,075	0	0	0	2,785,065		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	08/18/2011	08/22/2021 .	1	10,000,000	2.155000 22- AUG-2021 [PAY 3ML] REC SWP: USD	0	0	33,622	217, 163	217 , 163	144,361	0	0	0 .	53,507		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	08/18/2011	08/22/2021 .	1	136,000,000	2.155000 22- AUG-2021 [PAY 3ML] REC SWP: USD	0	0	457,266	2,953,411	2,953,411	1,963,303	0	0	0 .	727,697		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 1ML		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/23/2012	05/25/2022 .	1	63,000,000	1.775500 25- MAY-2022 [PAY 1ML] REC SWP: USD	0	0	217,411	1,968,237	1,968,237	1,661,338	0	0	0 .	434,354		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 1ML		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	05/23/2012	05/25/2022 .	1	3,000,000	1.775500 25- MAY-2022 [PAY	0	0	10,353	93,726	93,726	79,111	0	0	0	20,684		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC	03/15/2011	03/17/2021 .	1	4,000,000	3.376000 17- MAR-2021 [PAY	0	0	41,981	87,850	87,850	9,749	0	0	0	16,880		0002

Showing all Ontions Cans	Floors Collars Sv	vans and Forwards One	en as of Current Statement D	ate
SHOWING All Options, Caps,	i luulo, Gullaio, Sv	vaps and i diwards Opt	ch as of Guilent Statement D	aıc

					Showing a	all Options	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
										Cumulative Prior	Current											i
	Description									Year(s)	Year Initial											i
	of Item(s)								Strike	Initial Cost	Cost of										Credit	Hedge
	Hedged,		_ ,			D			Price,	of Un-	Un-		5			l	Total	Current	Adjustment			Effectiveness
	Used for Income	Schedule/	Type(s) of			Date of Maturity	Number		Rate or Index	discounted Premium	discounted Premium	Current	Book/ Adjusted			Unrealized Valuation	Foreign Exchange	Year's (Amorti-	to Carrying Value of		of Refer-	at Inception and at
	Generation	Exhibit	Risk(s)	Exchange, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying			Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-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)
	0 1 11 1 1			101 01 4					REC SWP: USD													i
CL INTEREST BATE SWAP	Cash flow hedge mortgage derivative		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					3.376000 17- MAR-2021 [PAY													i l
REC FIXED, PAY 3ML	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y21S	03/15/2011	03/17/2021 .	1	84,000,000	3ML]	0	0	881,605	1,844,857		1,844,857	204,724	0	0	0	354,478		0002
	Cash flow hedge			LCH. Clearnet					REC SWP: USD 1.636250 02-													i l
CL INTEREST RATE SWAP	, mortgage derivative		INTEREST RISK	LLC/Morgan Stanley					JUL-2022 [PAY													i l
REC FIXED, PAY 1ML	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y21S		07/02/2022 .	1	4,000,000		0	0	10,275	121 , 178		121, 178	114,568	0	0	0	28,323		0002
	Cash flow hedge			LCH. Clearnet					REC SWP: USD 1.688750 14-													i l
CL INTEREST RATE SWAP	, mortgage derivative		INTEREST RISK	LLC/Morgan Stanley					AUG-2022 [PAY													i l
REC FIXED, PAY 1ML	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y219	08/10/2012	08/14/2022 .	1	122,000,000		0	0	413,973	4,040,334		4,040,334	3,659,645	0	0	0	888,862		0002
	Cash flow hedge			LCH. Clearnet					REC SWP: USD 1.688750 14-													i l
	, mortgage derivative		INTEREST RISK	LLC/Morgan Stanley					AUG-2022 [PAY													i l
REC FIXED, PAY 1ML	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y219	008/10/2012	08/14/2022 .	1	9,000,000	1ML] REC SWP: USD	0	0	30,539	298,057		298,057	269,974	0	0	0	65,572		0002
	Cash flow hedge			LCH. Clearnet					1.687500 31-													i l
CL INTEREST RATE SWAP	, mortgage derivative		INTEREST RISK	LLC/Morgan Stanley	00 (00 (00 40	00 (04 (0000		4 000 000	AUG-2022 [PAY			. 707	40.070		10.070	00.070				0.575		1
REC FIXED, PAY 1ML	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y21S	08/29/2012	08/31/2022 .	1	1,300,000	TML J REC SWP: USD	0	0	3,727	43,972		43,972	39,973	0	0	0	9,575		0002
	Cash flow hedge			LCH. Clearnet					3.517000 14-													i
CL INTEREST RATE SWAP REC FIXED, PAY 3ML		D 4	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y21S	03/10/2011	00/14/0001		39.000.000	MAR-2021 [PAY			449,245	887.647		887.647	63,440			0	163,627		0002
HEC FIXED, PAY SML	Products	U-1		& CO. LLC WAMOTEHNIS/OXFZUUTZ IS	303/10/2011	03/ 14/2021 .		39,000,000	REC SWP: USD	0		449,240	887,047		887 ,047		0	0	0	103,027		0002
	Cash flow hedge			LCH. Clearnet					2.631250 08-													i
CL INTEREST RATE SWAP REC FIXED, PAY 3ML	, mortgage derivative Products	D_1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y21S	08/04/2011	.08/08/2021	1	4.000.000	AUG-2021 [PAY	0	0	23.785	104,511		104,511	46,281	0	0	0	21,041		0002
TIEO TTAED, TAT ONE		D 1		WANG TELLING ON ZOOTE IS		00/00/2021		,,000,000	REC SWP: USD			20,700	104,511									0002
a wrenear bute awar	Cash flow hedge		INTEREST BLOC	LCH. Clearnet					2.631250 08-													i l
REC FIXED, PAY 3ML	, mortgage derivative Products	D-1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y21S	08/04/2011	08/08/2021 .	1	95.000.000	AUG-2021 [PAY 3MI 1	0	0	564.893	2,482,139		2,482,139	1,099,172	0	0	0	499,733		0002
Theo Times, This one								,00,000,000	REC SWP: USD							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						1
CL INTEREST DATE SWAR	Cash flow hedge mortgage derivative			LCH. Clearnet LLC/Morgan Stanley					2.698000 13- AUG-2020 [PAY													i l
REC FIXED, PAY 3ML		D-1		& Co. LLC WAM6YERMS70XFZU0Y21S	008/11/2010	08/13/2020 .	1	15,500,000		0	0	97,999	40,746		40,746	(44,923)	0	0	0	26,908		0002
									REC SWP: USD			•								·		i l
CL INTEREST RATE SWAP	Cash flow hedge			LCH. Clearnet LLC/Morgan Stanley					2.698000 13- AUG-2020 [PAY													i l
REC FIXED, PAY 3ML	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y21S	08/11/2010	08/13/2020 .	1	65,500,000	3ML]	0	0	414, 126	172, 183		172, 183	(189,837)	0	0	0	113,708		0002
				101 01 1					REC 3ML [PAY SWP: USD													i l
CL INTEREST RATE SWAP	Stable Value Products		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley					SWP: USD 2.094500 10-													i l
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y21S	07/08/2019	07/10/2020 .	1 .	29,000,000	JUL-2020]	0	0	(66, 119)	(5,673)		(5,673)	38,160	0	0	0	24,001		0001
				LCH. Clearnet					REC SWP: USD 1.895930 10-													i l
CL INTEREST RATE SWAP	Stable Value Products			LLC/Morgan Stanley					JUL-2021 [PAY													i
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y21S	07/08/2019	07/10/2021 .	1	12,000,000		0	0	15,240	199, 258		199,258	166,780	0	0	0	60,816		0001
				LCH. Clearnet					REC 3ML [PAY SWP: USD													í l
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					1.822000 10-													í J
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219	07/08/2019	07/10/2022 .	1	9,000,000	JUL-2022] REC SWP: USD	0	0	(7,952)	(289, 383)		(289,383)	(257,073)	0	0	0	64,074		0001
				LCH. Clearnet					1.805200 10-													í l
CL INTEREST RATE SWAP	, Stable Value Products			LLC/Morgan Stanley					JUL-2024 [PAY													1
REC FIXED, PAY 3ML	.	Exhibit 5	I	& Co. LLC WAM6YERMS70XFZU0Y219	. [07/08/2019	.L.07/10/2024 .	L1 L	79,000,000	[3ML]	L0	L0 L.	60,687	4,870,579	1	4,870,579	4.543.494	L0	L0	L0	792,970		0001

Showing all Options,	Caps, Floors,	Collars, Swaps and	Forwards Open	as of Current Statement Date	

						Showing a	all Options	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date	!							
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
	Decembelian										Prior	Current Year Initial											1
	Description of Item(s)									Strike	Year(s) Initial Cost	Cost of										Credit	Hedge
	Hedged,									Price,	of Un-	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	Notional	Received	(Received)	(Received)	Year	Carrying	0 - 1 -	Falantalia	Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-end
Description	or Replicated	Identifier	(a)	or Central	Clearinghouse	Date	Expiration	Contracts	Amount	(Paid) REC 3ML [PAY	Paid	Paid	Income	Value	Code	Fair Value	(Decrease)	B./A.C.V.	Accretion	Item	Exposure	Entity	(b)
				LCH. Clearnet						SWP: USD													i l
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						1.860200 10-													1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	07/08/2019	07/10/2026 .	1	11,000,000	JUL-2026] REC_SWP:_USD	0	0	(11,102)	(964,747)		(964,747)	(908,283)	0	0	0	135,060		0001
				LCH. Clearnet						1.963840 10-													i l
	Stable Value Products			LLC/Morgan Stanley						JUL-2029 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	07/08/2019 .	07/10/2029 .	1	52,000,000		0	0	76,672	6,402,962		6,402,962	6,008,182	0	0	0	781,423		0001
				LCH. Clearnet						REC 3ML [PAY SWP: USD													1
CL INTEREST RATE SWAP,	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						2.099500 10-													i l
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	07/08/2019 .	07/10/2034 .	1	14,000,000		0	0	(28,878)	(2,527,369)		(2,527,369)	(2,348,283)	0	0	0	262,249		0001
				LCH. Clearnet						REC SWP: USD 2.163500 10-													i l
CL INTEREST RATE SWAP.	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						JUL-2039 [PAY													i l
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	07/08/2019 .	07/10/2039 .	1	26,000,000	3ML]	0	0	59,876	6, 109, 926		6, 109, 926	5,682,823	0	0	0	567,229		0001
				LCH. Clearnet						REC SWP: USD 1.736930 09-													i l
CL INTEREST BATE SWAP	Stable Value Products		INTEREST BISK	LLC/Morgan Stanley						AUG-2039 [PAY													1
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	08/07/2019 .	08/09/2039 .	1	57,000,000		0	0	84,444	9,003,495		9,003,495	12,091,296	0	0	0	1,246,221		0001
										REC SWP: USD													1
CI INTEREST RATE SWAP	Stable Value Products		INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley						1.670500 09- AUG-2034 [PAY													i l
REC FIXED, PAY 3ML	Stable value Flouucts	Exhibit 5	INILALSI AISK	& Co. LLC	. WAM6YERMS70XFZU0Y219	08/07/2019	08/09/2034 .	1	6,000,000		0	0	7,047	734,227		734,227	990,426	0	0	0	112,721		0001
										REC SWP: USD			•										i l
CL INTEDECT DATE OWAD	Stable Value Products		INTEREST DIOV	LCH. Clearnet LLC/Morgan Stanley						1.544500 09- AUG-2029 [PAY													i l
REC FIXED, PAY 3ML		Exhibit 5	INTEREST RION		. WAM6YERMS70XFZU0Y219	08/07/2019	08/09/2029 .	1	15,000,000		0	0	8,572	1,291,292		1,291,292	1,738,477	0	0	0	226,434		0001
, , , , , , , , , , , , , , , , , , , ,									,	REC 3ML [PAY				, , ,			, , ,				, .		1
CL INTEDECT DATE OWAD	Stable Value Products		INTEREST DIOV	LCH. Clearnet LLC/Morgan Stanley						SWP: USD 1.449250 09-													i l
REC 3ML, PAY FIXED	Stable value Products	Exhibit 5	INTEREST RISK		. WAM6YERMS70XFZU0Y219	08/07/2019	.08/09/2026	1	13,000,000		0	0	(1.412)	(826,996)		(826,996)	(1,096,317)	0	0	0	160,700		0001
										REC SWP: USD							,						1
OL INTEREST DATE OWAR			INTEREST BLOW	LCH. Clearnet						1.412500 09-													i l
REC FIXED. PAY 3ML	Stable Value Products	Exhibit 5		LLC/Morgan Stanley	. WAM6YERMS70XFZU0Y219	08/07/2019	.08/09/2024	1	5,000,000	AUG-2024 [PAY 3MI 1	0	0	(348)	233,584		233,584	300.007	0	0	0	50.697		0001
TINED, THE UNIL										REC 3ML [PAY		······································	(040)										
				LCH. Clearnet						SWP: USD													i
CL INTEREST RATE SWAP, REC 3ML. PAY FIXED	Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC	. WAM6YERMS70XFZU0Y219	09/07/2010	08/00/2022	1	10.000.000	1.457730 09-	0	0	(1.597)	(258,690)		(258,690)	(314, 122)	٥	0	0	72,622		0001
TIEO ONE, TAT TIMED		LAIIIDIT 3		d 00. LL0	. "AMOTELINOTOXI 2001213	00/01/2013	00/03/2022 .		10,000,000	REC SWP: USD			(1,557)	(250,050)		(200,000)	(014, 122)						0001
				LCH. Clearnet						1.551000 09-													i l
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LLC/Morgan Stanley & Co. LLC	. WAM6YERMS70XFZU0Y219	08/07/2019	08/09/2021 .		11,000,000	AUG-2021 [PAY	0	٥	6.924	156,261		156,261	183,598	0	0		57.935		0001
NEC FIXED, FAT SML		EXIIIDIT 5		α 00. LLC	, WANIOTENNO/UNFZUUTZ 19	06/01/2019	00/09/2021 .		11,000,000	REC 3ML [PAY	0		0,924	130,201		130,201	103,390	0		0	,1,933		0001
				LCH. Clearnet						SWP: USD													i
	Stable Value Products	F 1 11 14 F	INTEREST RISK	LLC/Morgan Stanley		00 (07 (0040	00 (00 (0000		05 000 000	1.798500 09-			(40.705)	(00.040)		(00.040)	(05.075)		•		44 000		0004
REC 3ML, PAY FIXED		Exhibit 5		α UO. LLU	. WAM6YERMS70XFZU0Y219	08/07/2019 .	08/09/2020 .	1	25,000,000	AUG-2020] REC 1ML [PAY	0	<sup>0</sup>  -	(46,765)	(36,619)		(36,619)	(35,275)	0	0	0	41,380		0001
	Cash flow hedge			LCH. Clearnet						SWP: USD													i J
CL INTEREST RATE SWAP,				LLC/Morgan Stanley		00 (4 : :== :=	00 (40 :			1.500000 13-		<u> </u>	,	,		,	,						1
REC 1ML, PAY FIXED	Products	υ–1		& Co. LLC	. WAM6YERMS70XFZU0Y219	09/11/2019	09/13/2021 .	1	25,000,000	SEP-2021] REC 1ML [PAY	0	0 <del> </del>	(62,320)	(407,441)		(407,441)	(440,991)	0	0	0	137,243		0002
	Cash flow hedge			LCH. Clearnet						SWP: USD													i J
CL INTEREST RATE SWAP,	mortgage derivative			LLC/Morgan Stanley						1.414000 30-													1
REC 1ML, PAY FIXED	Products	D-1		& Co. LLC	. WAM6YERMS70XFZU0Y219	.  09/26/2019 .	09/30/2022 .	1 .	6, 107,000	SEP-2022]	1,311	0	(9,727)	(176,792)		(176,792)	(201,486)	0	(217	)0	45,823		0002

Showing all Ontions	Cans Floors	Collars. Swaps and Forwards Open as of Current Statement Date	
SHOWING All Options	, Caps, i louis,	Collais, Swaps and Folwards Open as of Current Statement Date	

					Showing	ali Options	s, Caps, Fi	oors, cons	irs, Swaps	anu roiwa	rds Open as	or Currer	n Stateme	nt Date								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
										Cumulative												
	December									Prior	Current											
	Description								Strike	Year(s)	Year Initial										Cradit	Hodgo
	of Item(s) Hedged,								Price,	Initial Cost of Un-	Cost of Un-						Total	Current	Adjustment		Credit Quality	Hedge 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	Quarter-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)
									REC 1ML [PAY													
OL INTEREST DATE O	Cash flow hedge AP, mortgage derivative		INTEREST DISK	LCH. Clearnet LLC/Morgan Stanley					SWP: USD 1.414000 30-													
REC 1ML, PAY FIXED		D-1	INTEREST RISK	& Co. LLC WAM6YERMS70XFZU0Y21	9	09/30/2022	1	8,732,000		1,874	0	(13.908)	(252, 783)		(252,783)	(288,092)	0	(310)	0	65,520		0002
, , , , , , , , , , , , , , , , , , , ,									REC 1ML [PAY													
	Cash flow hedge			LCH. Clearnet					SWP: USD													
CL INTEREST RATE SV REC 1ML, PAY FIXED	AP, mortgage derivative Products	D 1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y21	9 09/26/2019 .	09/30/2020 .	1	15,269,000	1.664000 30-	968		(43,620)	(56,459)		(56,459)	(58,016)	0	(476)	٥	38,329		0002
NEC IML, PAT FIXED	F1 000C1S	U-1		& CO. LLC WANIOTENIIS/OXFZ0012	909/20/2019 .	09/30/2020 .	'	15,269,000	REC 1ML [PAY	900		(43,020)	(30,439)		(30,439)	(30,010)		(470)				0002
	Cash flow hedge			LCH. Clearnet					SWP: USD													
	AP, mortgage derivative		INTEREST RISK	LLC/Morgan Stanley					1.664000 30-													
REC 1ML, PAY FIXED	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y21	909/26/2019 .	09/30/2020 .	1	11,398,000		722	0	(32,562)	(42, 146)		(42, 146)	(43,308)	0	(355)	0	28,612		0002
	Cash flow hedge			LCH. Clearnet					REC 1ML [PAY SWP: USD													
CL INTEREST RATE S'	AP, mortgage derivative		INTEREST RISK	LLC/Morgan Stanley					1.489000 30-													
REC 1ML, PAY FIXED	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y21	909/26/2019 .	09/30/2021 .	1	3,786,000		366	0	(7,473)	(63,637)		(63,637)	(69,716)	0	(91)	0	21, 182		0002
				Lau al					REC 1ML [PAY													
O INTEREST RATE S	Cash flow hedge AP, mortgage derivative		INTEREST BISK	LCH. Clearnet LLC/Morgan Stanley					SWP: USD 1.489000 30-													
REC 1ML. PAY FIXED		D-1	INTEREST HIGK	& Co. LLC WAM6YERMS70XFZU0Y21	9 09/26/2019	09/30/2021	1	8.278.000		799	0	(16,340)	(139, 141)		(139, 141)	(152,433)	0	(198)	0	46,313		0002
,									REC 1ML [PAY			, , ,	,		,	, , , , ,		,		, ,		
	Cash flow hedge			LCH. Clearnet					SWP: USD													
CL INTEREST RATE ST REC 1ML, PAY FIXED	AP, mortgage derivative Products	n_1	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y21	9 09/26/2019 .	09/30/2023 .	1	14,963,000	1.385000 30-	3,638		(21,602)	(605, 439)		(605,439)	(712,444)	0	(452)	0	134,917		0002
NEC INL, FAT FIXED	F1 000C1S	U-1		& CO. LLC WANIOTENIIS/OXFZ0012	909/20/2019 .	09/30/2023 .		14,903,000	REC 1ML [PAY			(21,002)	(003,439)		(000,439)	(112,444)		(432)		134,917		0002
	Cash flow hedge			LCH. Clearnet					SWP: USD													
	AP, mortgage derivative	L .	INTEREST RISK	LLC/Morgan Stanley					1.385000 30-													
REC 1ML, PAY FIXED	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y21	909/26/2019 .	09/30/2023 .	1	16,266,000	SEP-2023] REC 1ML [PAY	3,954	0	(23,483)	(658, 161)		(658, 161)	(774,485)	0	(491)	0	146,666		0002
	Cash flow hedge			LCH. Clearnet					SWP: USD													
CL INTEREST RATE SI	AP, mortgage derivative		INTEREST RISK	LLC/Morgan Stanley					1.377000 30-													
REC 1ML, PAY FIXED	Products	D-1		& Co. LLC WAM6YERMS70XFZU0Y21	909/26/2019 .	09/30/2024 .	1	1,940,000		669	0	(2,718)	(98,523)		(98,523)	(119, 182)	0	(67)	0	20,008		0002
	Ozak flam kadas			I CII Classest					REC 1ML [PAY SWP: USD													
CL INTEREST BATE S'	Cash flow hedge AP, mortgage derivative		INTEREST BISK	LCH. Clearnet LLC/Morgan Stanley					1.377000 30-													
REC 1ML, PAY FIXED		D-1		& Co. LLC WAM6YERMS70XFZU0Y21	909/26/2019 .	09/30/2024 .	1 .	2, 109,000	SEP-2024]	728	0	(2,955)	(107, 105)		(107,105)	(129,564)	0	(72)	0	21,751		0002
									REC 1ML [PAY													
O INTEREST DATE O	Cash flow hedge AP, mortgage derivative		INTEDECT DIOV	LCH. Clearnet LLC/Morgan Stanley					SWP: USD 1.441500 30-													
REC 1ML, PAY FIXED		D-1	INTEREST RISK	& Co. LLC WAM6YERMS70XFZU0Y21	909/26/2019 .	09/30/2029 .	1	1,952,000		903	0	(3,354)	(169,211)		(169,211)	(228,825)	0	(45)	0	29,696		0002
, , , , , , , , , , , , , , , , , , , ,								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	REC 1ML [PAY						,							
o	Cash flow hedge			LCH. Clearnet					SWP: USD													
CL INTEREST RATE SV REC 1ML. PAY FIXED	AP, mortgage derivative Products	D_1	INTEREST RISK	LLC/Morgan Stanley & Co. LLCWAM6YERMS70XFZU0Y21	9 09/26/2019 .	09/30/2029		076 000	1.441500 30- SEP-2029]	451		(1,677)	(84,606)		(84,606)	(114,412)	_	(00)	^	14.848		0002
NEC IML, PAT FIXED	F1 000C1S	U-1		& CO. LLC WANIOTENNS/OXFZOOTZ	909/20/2019 .	09/30/2029 .		970,000	REC 3ML [PAY	401		(1,077)	(64,600)		(04,000)	(114,412)		(22)		14,040		0002
				LCH. Clearnet					SWP: USD													
	AP, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					1.690500 09-													
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y21	9 10/07/2019 .	10/09/2020 .	1	44,000,000	OCT-2020] REC SWP: USD	0	0	(8,838)	(157,233)		(157,233)	(192,981)	0	0	0	115,728		0001
				LCH. Clearnet					1.484200 09-													
CL INTEREST RATE S	AP, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					OCT-2021 [PAY													
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y21	910/07/2019 .	10/09/2021 .	1	22,000,000	3ML]	0	0	(18,319)	344,564		344,564	427,494	0	0	0	124,291		0001
				LCH. Clearnet					REC 3ML [PAY SWP: USD	1												
CL INTEREST RATE S	AP. Stable Value Products		INTEREST RISK	LLC/Morgan Stanlev					5WP: USD 1.408000 09-	1												
REC 3ML, PAY FIXED	, otabio ratuo ritudoto	Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y21	910/07/2019 .	10/09/2022 .	1	22,000,000		0	0	26,741	(589,590)	<u></u>	(589,590)	(750,642)	0	0	0	165,977		0001

Showing all Options.	Caps. Floors.	Collars, Swaps and	l Forwards Open a	as of Current Statemen	t Date

						Showing a	all Options	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date	!							
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
	December										Prior	Current											1
	Description of Item(s)									Strike	Year(s) Initial Cost	Year Initial Cost of										Credit	Hedge
	Hedged,									Price,	of Un-	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	Quarter-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)
										REC SWP: USD													
OL INTEDECT DATE OWAD	Stable Value Products		INTEREST DICK	LCH. Clearnet LLC/Morgan Stanley						1.369440 09- 0CT-2024 [PAY													i
REC FIXED. PAY 3ML	Stable value Products	Exhibit 5			WAM6YERMS70XFZU0Y219	10/07/2019	10/09/2024 .	1	75,000,000		0	0	(105,610)	3,473,202		3,473,202	4,674,478	0	0	٥	775,756		0001
TIEO TINED, THI GIIE		LAIIIDIT J		u oo. LLo	. IIAIII010/10/11/2001213	10/0//2013	10/03/2024 .		73,000,000	REC 3ML [PAY			(105,010)	9,470,202		9,470,202	,0/4,4/0						0001
				LCH. Clearnet						SWP: USD													i
	Stable Value Products			LLC/Morgan Stanley						1.396110 09-	_							_	_				
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	10/07/2019 .	10/09/2026 .	1	24,000,000	UC1-2026] REC SWP: USD	0	0	30,597	(1,468,273)		(1,468,273)	(2,069,380)	0	0	0	300,706		0001
				LCH. Clearnet						1.469000 09-													i
CL INTEREST RATE SWAP,	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						OCT-2029 [PAY													i
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	10/07/2019 .	10/09/2029 .	1	32,000,000		0	0	(29, 178)	2,553,391		2,553,391	3,758,640	0	0	0	487,467		0001
										REC SWP: USD													i
OL INTEDECT DATE CWAD	Stable Value Products		INTEDECT DICK	LCH. Clearnet LLC/Morgan Stanley						1.620500 09- 0CT-2039 [PAY													i
REC FIXED. PAY 3ML	Stable value Flouucts	Exhibit 5			WAM6YERMS70XFZU0Y219	10/07/2019	10/09/2039	1	77,000,000		0	0	(12.561)	10,579,321		10,579,321	16,294,089	0	0	0	1,690,833		0001
, , , , , , , , , , , , , , , , , , , ,										REC 3ML [PAY				7,.		, , , , ,	, , ,				, , ,		1
				LCH. Clearnet						SWP: USD													i
	Stable Value Products	E 1 11 14 E		LLC/Morgan Stanley	WAM6YERMS70XFZU0Y219	40 (00 (0040	10/31/2020		14.000.000	1.765000 31-			(00.047)	(00, 400)		(00.400)	(65,598)	0			40.005		0001
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAMBYERMS/UXFZUUY219	10/29/2019 .	10/31/2020 .		14,000,000	REC SWP: USD	0		(20,347)	(63,466)		(63,466)	(65,598)	0	0	0	40,635		0001
				LCH. Clearnet						1.664800 31-													i
	Stable Value Products			LLC/Morgan Stanley						OCT-2021 [PAY													i
REC FIXED, PAY 3ML		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	10/29/2019 .	10/31/2021 .	1 .	11,000,000		0	0	10,350	203,825		203,825	209,736	0	0	0	63,595		0001
				LCH. Clearnet						REC 3ML [PAY SWP: USD													i
CL INTEREST BATE SWAP	Stable Value Products		INTEREST BISK	LLC/Morgan Stanley						1.631000 31-													i
REC 3ML, PAY FIXED		Exhibit 5			WAM6YERMS70XFZU0Y219	10/29/2019 .	10/31/2022 .	1	7,000,000		0	0	(5,321)	(227,595)		(227,595)	(236,564)	0	0	0	53,505		0001
										REC 3ML [PAY													i
OL INTEREST BATE OWAR				LCH. Clearnet						SWP: USD													i
REC 3ML, PAY FIXED	Stable Value Products	Exhibit 5		LLC/Morgan Stanley	WAM6YERMS70XFZU0Y219	10/29/2019 .	10/31/2029 .	1	7,000,000	1.751700 31-	0	0	(9.072)	(742,824)		(742,824)	(828,718)	0	0	٥	106,979		0001
TILO OIIL, TAT TIALD		LAIIIDIT J		a oo. LLo	IIAMOTETIMOTOAT 2001213	10/23/2013 .	10/01/2020 .			REC 3ML [PAY				(142,024)		(142,024)	(020,710)				100,373		0001
				LCH. Clearnet						SWP: USD													i
	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						1.862800 31-									_				
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	10/29/2019 .	10/31/2034 .	1	33,000,000	OC1-2034] REC 3ML [PAY	0	0	(59,437)	(4,959,507)		(4,959,507)	(5,568,758)	0	0	0	624,939		0001
				LCH. Clearnet						SWP: USD													
CL INTEREST RATE SWAP,	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley						1.923800 31-													i
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC	WAM6YERMS70XFZU0Y219	10/29/2019 .	10/31/2039 .	1	77,000,000		0	0	(158,474)	(14,918,895)		(14,918,895)	(16,729,245)	0	0	0	1,693,473		0001
	Cook flow bodge			LCH. Clearnet						REC 3ML [PAY SWP: USD													1
CL INTEREST RATE SWAP,	Cash flow hedge		INTEREST RISK	LLC/Morgan Stanley						5WP: USD 1.739000 30-													
REC 3ML, PAY FIXED	Products	D-1	INTEREST INGO			12/24/2019 .	12/30/2021 .	1	20,000,000		0	0	(6,041)	(449,817)		(449,817	(433,936)	0	0	0	122,530		0002
,										REC 3ML [PAY				,			,						1
	Cash flow hedge			LCH. Clearnet						SWP: USD													i
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	mortgage derivative Products	D 1		LLC/Morgan Stanley	WAM6YERMS70XFZU0Y219	12/24/2019 .	12/30/2021 .	4	30,000,000	1.739000 30-		0	(9,062)	(674,726)		(674,726)	(650,904)	0	0	١	183,796		0002
NEG SML, PAT PIXED	FI OddCtS	D-1		α CO. LLC	, WAMOTERNIO/UNF2001219	12/24/2019 .	12/30/2021 .		30,000,000	REC SWP: USD			(9,002)	(0/4,720)		(074,720)	(030,904)			0	100,790		0002
	Cash flow hedge			LCH. Clearnet						1.900000 30-													
CL INTEREST RATE SWAP,		L		LLC/Morgan Stanley						DEC-2029 [PAY													ı l
REC FIXED, PAY 3ML	Products	D-1		& Co. LLC	WAM6YERMS70XFZU0Y219	12/24/2019 .	12/30/2029 .	1	200,000,000		0	0	197,869	24,268,516		24,268,516	24,201,447	0	0	0	3,083,318		0002
	Cash flow hedge			LCH. Clearnet						REC SWP: USD 1.900000 30-													
CL INTEREST RATE SWAP,			INTEREST RISK	LLC/Morgan Stanley						DEC-2029 [PAY	1												ı
REC FIXED, PAY 3ML	Products	D-1		& Co. LLC	WAM6YERMS70XFZU0Y219	12/24/2019 .	12/30/2029 .	1	5,000,000		0	0	4,947	606,713	l	606,713	605,036	0	0	0	77,083		0002

Showing all Options.	Caps. Floors.	Collars, Swaps and	l Forwards Open a	as of Current Statemen	t Date

				S	Showing a	all Option	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date								
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	i
										Prior	Current										1	i
	Description									Year(s)	Year Initial										1	i
	of Item(s)								Strike	Initial Cost	Cost of										Credit	Hedae
	Hedged,								Price,	of Un-	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)	Exchange, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying			Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-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)
Description	Or replicated	identifici	(α)	or ochirar olcarrighouse	Date	Expiration	Contracts	Amount	REC SWP: USD	i alu	i aid	IIICOIIIC	Value	Oouc	Tall Value	(Decircase)	D.//A.O.V.	Acciction	псп	LXPOSUIC	Littly	(6)
	Cash flow hedge			LCH. Clearnet					2.080000 30-												1	i
CL INTEREST RATE SWAP	, mortgage derivative		INTEREST RISK	LLC/Morgan Stanley					DEC-2049 [PAY												1	1
		D-1	l	& Co. LLC WAM6YERMS70XFZU0Y219	12/24/2019 .	. 12/30/2049	1	2,000,000		0	0	3,284	628,999	l	628,999	634,873	0	0	0	54,333		0002
·									REC 3ML [PAY			•									1	1
				LCH. Clearnet					SWP: USD												1	1
	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					1.725480 10-												1	1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	01/08/2020 .	01/10/2021 .	1	39,000,000		0	0	(19,784)	(287,530)		(287,530)	(287,530)	0	0	0	142, 164		0001
									REC SWP: USD												1	1
OL INTEREST DATE OWAR	04 11 11 1 1 1 1 4		INTEREST BLOW	LCH. Clearnet					1.639500 10-												1	1
REC FIXED, PAY 3ML	, Stable Value Products	Fubility F	INTEREST RISK	LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219 .	04 /00 /0000	.01/10/2022		31,000,000	JAN-2022 [PAY			2.702	656,649		656,649	656,649	0	0		191,819	1	0001
HEC FIXED, PAY SML		Exhibit 5		& CO. LLC WAMOTERWS/UXF2001219 .	01/08/2020 .	01/10/2022 .		000,000,1و	REC 3ML [PAY	0	u	2,702	000,049		000,049	000,049	0	0		191,819		0001
				LCH. Clearnet					SWP: USD												1	1
CL INTEREST BATE SWAP	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					1.622500 10-												1	1
REC 3ML. PAY FIXED	, otable value illoudets	Exhibit 5	INTEREST III GK	& Co. LLC WAM6YERMS70XFZU0Y219 .	01/08/2020	01/10/2023	1	30.000.000		0	0	170	(1.052.783)		(1.052.783)	(1.052.783)	0	0	0	238,661	1	0001
,									REC 3ML [PAY							( -, , ,						
				LCH. Clearnet					SWP: USD												1	1
	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					1.649860 10-												1	1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	01/08/2020 .	01/10/2025 .	1	45,000,000		0	0	(4,560)	(2,746,423)		(2,746,423)	(2,746,423)	0	0	0	479, 110		0001
									REC 3ML [PAY												1	1
				LCH. Clearnet					SWP: USD												1	1
	, Stable Value Products	E 1 11 14 E	INTEREST RISK	LLC/Morgan Stanley	04 (00 (0000	04 /40 /0007		00 000 000	1.708910 10-			(40,000)	(0.040.000)		(0.040.000)	(0.040.000)				057 070	1	0004
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	01/08/2020 .	01/10/2027		28,000,000	JAN-2027] REC 3ML [PAY	0	······································	(10,026)	(2,318,696)		(2,318,696)	(2,318,696)	0	0	0	357,870		0001
				LCH. Clearnet					SWP: USD												1	1
CL INTEREST BATE SWAP	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					1.919700 10-												1	1
REC 3ML, PAY FIXED	, otable value illoudets	Exhibit 5	INTEREST III GK		01/08/2020 .	.01/10/2035	1	32,000,000		0	0	(40,480)	(5, 102, 532)		(5.102.532)	(5, 102, 532)	0	0	0	610,096	1	0001
,									REC 3ML [PAY				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
				LCH. Clearnet					SWP: USD												1	1
	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					1.977400 10-												1	1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	01/08/2020 .	01/10/2040 .	1	10,000,000		0	0	(14,856)	(2,049,211)		(2,049,211)	(2,049,211)	0	0	0	221,034		0001
									REC 3ML [PAY												1	1
				LCH. Clearnet					SWP: USD												1	1
	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley	04 (04 (0000			47 000 000	1.594500 04-			(00.000)	(400.005)		/400 005	(400.005)				05 044	1	
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	01/31/2020 .	02/04/2021 .	1  -	17,000,000	FEB-2021] REC_SWP:_USD	0	0	(20,930)	(128, 265)		(128,265)	( 128, 265)	0	0	0	65,841		0001
				LCH. Clearnet		1			1.425100 04-		]		]			I						1
CL INTEREST RATE SWAP	Stable Value Products		INTEREST RISK	LLC/Morgan Stanley					FEB-2022 [PAY							1						1
REC FIXED. PAY 3ML	, otable value iloudets	Exhibit 5	INTEREST HISK		01/31/2020 .	.02/04/2022	1	11,000,000		0	0	5.875	206.415		206 . 415	206,415	0	0	0	69.570		0001
THEO T THEO; THE GIVE		Z		W 00. 220					REC 3ML [PAY			,.,,,,,,										
				LCH. Clearnet					SWP: USD												1	1
CL INTEREST RATE SWAP.	, Stable Value Products			LLC/Morgan Stanley					1.375460 04-												1	1
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	01/31/2020 .	02/04/2023 .	1	15,000,000		0	0	(4,896)	(445, 487)		(445,487)	(445,487)	0	0	0	120,934		0001
						1			REC 3ML [PAY		]		Ì			I						1
				LCH. Clearnet					SWP: USD							1						1
	, Stable Value Products	E 1 11/14 E		LLC/Morgan Stanley	04 (04 (0000	00/04/0005		40 000 000	1.365500 04-			(0.000)	(504.530)		/504 540	(504.540)		_		400 704		0004
REC 3ML, PAY FIXED		Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219 .	01/31/2020 .	02/04/2025 .	1 <sub> </sub> -	12,000,000		0	0	(3,336)	(584,510)		(584,510)	(584,510)	0	0	0	128,724		0001
				LCH. Clearnet					REC 3ML [PAY SWP: USD							1						1
CI INTEREST BATE SWAD	Stable Value Products		INTEREST PICK	LLC/Morgan Stanley					1.408900 04-							1						1
REC 3ML, PAY FIXED	, otable value FlouuCIS	Exhibit 5	INTEREST RISK	& Co. LLC WAM6YERMS70XFZU0Y219 .	01/31/2020	02/04/2027	1	17,000,000		n	n	(7,594)	(1,081,641)	1	(1 081 6/1	(1,081,641)	n	n	n	218,414		0001
INCO ONIE, INI I INLU		LAIIIDIT J		W GO. ELO IFAMO ILIMOTO AI ZOUTZ 19 .	01/01/2020 .			17,000,000	REC SWP: USD			(1,554)	(1,001,041)		(1,001,041,	(1,001,041)				210,414		0007
				LCH. Clearnet					1.603580 04-							1						1
CL INTEREST RATE SWAP	, Stable Value Products		INTEREST RISK	LLC/Morgan Stanley		1			FEB-2035 [PAY		]		Ì			I						1
	, otubic variac irroducts	Exhibit 5		& Co. LLC WAM6YERMS70XFZU0Y219	01/31/2020	02/04/2035	1	26.000.000		0	0	31 266	2.992.028	ĺ	2.992.028	2.992.028	0	0	0	496.869	1	0001

S	howing a	II Options	s, Caps, I	Floors, Colla	ars, Swaps a	and Forwar	rds Open a	as of Curre	nt Stateme	nt Date	)

					Showing	all Option	s, Caps, Fl	oors, Colla	ars, Swaps	and Forwai	ds Open a	s of Currei	nt Stateme	nt Date							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 16	17	18	19	20	21	22	23
	Description of Item(s) Hedged, Used for Income Generation	Schedule/ Exhibit	Type(s) of Risk(s)	Exchange, Counterparty	Trade	Date of Maturity or	Number of	Notional	Strike Price, Rate or Index Received	Cumulative Prior Year(s) Initial Cost of Un- discounted Premium (Received)	Current Year Initial Cost of Un- discounted Premium (Received)	Current Year	Book/ Adjusted Carrying		Unrealized Valuation Increase/	Total Foreign Exchange Change in	Current Year's (Amorti- zation)/	Adjustment to Carrying Value of Hedged	Potential	Credit Quality of Refer- ence	at Inception and at Quarter-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)
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAMGYERMS70XFZUOY:	1901/31/2020	02/04/2040 .	1	125,000,000	REC SWP: USD 1.667500 04- FEB-2040 [PAY 3ML] REC SWP: USD	0	0	179,610	18,446,229	18,446,229	18,446,229	0	0	0	2,767,766		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Stable Value Products	Exhibit 5	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1901/31/2020	02/04/2030 .	1	17,000,000	1.483500 04- FEB-2030 [PAY 3ML] REC SWP: USD	0	0	12,575	1,398,542	1,398,542	1,398,542	0	0	0	263,438		0001
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML	Products	D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1902/24/2020	02/26/2030 .	1 .	185,000,000	REC SWP: USD	0	0	(8,867)	11,763,524	11,763,524	11,763,524	0	0	0 .	2,875,806		0002
CL INTEREST RATE SWAP,	Cash flow hedge mortgage derivative Products	D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZUOY	1902/24/2020	02/26/2030 .	1	5,000,000	REC SWP: USD	0	0	(240)	317,933	317,933	317,933	0	0	0 .	77,724		0002
CL INTEREST RATE SWAP,		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZUOY	1902/25/2020	02/27/2030 .	1	185,000,000	REC SWP: USD	0	0	(18,674)	11,549,262	11,549,262	11,549,262	0	0	0	2,876,214		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1902/25/2020	02/27/2030 .	1 .	5,000,000	1.271800 27- FEB-2030 [PAY 3ML] REC SWP: USD	0	0	(505)	312, 142	312,142	312, 142	0	0	0	77,736		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1903/02/2020	03/04/2030 .	1 .	185,000,000	1.069850 04- MAR-2030 [PAY 3ML] REC 1ML [PAY	0	0	1,906	8,000,440	8,000,440	8,000,440	0	0	0	2,878,250		0002
CL INTEREST RATE SWAP, REC 1ML, PAY FIXED		D-1		LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1905/19/2020	05/21/2027	1	96,000,000	SWP: USD 0.437600 21- MAY-2027] REC 1ML [PAY	0	38,807	(27,533)	(524,906)	(524,906	(563,076)	)0	(637	)0 .	1,260,231		0002
CL INTEREST RATE SWAP, REC 1ML, PAY FIXED		D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1905/19/2020	05/21/2025 .	1	65,307,000	SWP: USD 0.300000 21- MAY-2025] REC 1ML [PAY	0	(557).	(8,744)	(251,663)	(251,663	(251, 119)	)0	13	0	722,311		0002
CL INTEREST RATE SWAP, REC 1ML, PAY FIXED	Products	D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1905/19/2020	05/21/2023 .	1 .	503,696,000	REC 3ML [PAY	0	23,987	701	(692,406)	(692,406	(715,475)	0	(918	)0 .	4,281,720		0002
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Products	D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZUOY:	1905/19/2020	05/21/2023 .	1 .	295, 187,000	REC 1ML [PAY	0	836,963	67,230	436,736	436,736	(368, 183)	0	(32,044	)0 .	2,509,268		0002
CL INTEREST RATE SWAP, REC 1ML, PAY FIXED	Products	D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1905/19/2020	05/21/2030 .	1 .	65,913,000	REC 3ML [PAY	0	2,825	(31,574)	(533,877)	(533,877	(536,669)	0	(32	)0 .	1,036,737		0002
CL INTEREST RATE SWAP, REC 3ML, PAY FIXED	Products	D-1	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZUOY:	1905/19/2020	05/21/2022 .	1 .	1,000,000,000	REC SWP: USD	0	(77 ,646).	134, 421	(630,944)	(630,944	(557,753)	0	4,455	0 .	6,874,611		0002
CL INTEREST RATE SWAP, REC FIXED, PAY 3ML		D-1ing Other - I	INTEREST RISK	LCH. Clearnet LLC/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y	1905/19/2020	05/21/2050 .	1	75,000,000	0.960000 21- MAY-2050 [PAY 3ML]	0	13,900 838,279	48,086 19,839,317		855, 130 XXX 362,957,136	841,283 211,868,376	0	(53)	)0	2,050,862 141,467,203		0002XX

Showing all Options,	Caps, Floors,	Collars, Swaps and	Forwards Open	as of Current Statement Date	

						Showing a	all Option	s, Caps, F	loors, Colla	ırs, Swaps	and Forwa	rds Open as	of Currer	nt Stateme	nt Date	<b>:</b>							
1	2	3	4		5	6	7	8	9	10	11 Cumulative Prior	12 Current	13	14	15	16	17	18	19	20	21	22	23
	Description of Item(s) Hedged, Used for Income	Schedule/	Type(s)				Date of Maturity	Number		Strike Price, Rate or Index	Year(s) Initial Cost of Un- discounted Premium	Year Initial	Current	Book/ Adjusted			Unrealized Valuation	Total Foreign Exchange	Current Year's (Amorti-	Adjustment to Carrying Value of		Credit Quality of Refer-	Hedge Effectiveness at Inception and at
	Generation	Exhibit	Risk(s)		e, Counterparty	Trade	or	of	Notional	Received	(Received)	(Received)	Year	Carrying			Increase/	Change in	zation)/	Hedged	Potential	ence	Quarter-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)
CDS BUY, SCDS: (GP	Credit Hedge	D-1	. CREDIT RISK .	JPMORGAN CHASE BANK, N.A Goldman Sachs	. 7H6GLXDRUGQFU57RNE97	06/16/2017	12/20/2020	1	2,790,000	SCDS: (GP)	(65,956	0	(14, 105)	(12,879)		(12,879)	2,635	0	9,378	0	0		0003
CDS BUY, SCDS: (BL	L) . Credit Hedge	D-1	. CREDIT RISK .	International Goldman Sachs	W22LROWP21HZNBB6K528	05/28/2020	12/20/2023	1	200,000	SCDS: (BLL)	0	(3,286)	(183)	(1,272)	)	(1,272)	1,931	0	83	0	0		0003
CDS BUY, SCDS: (BL		D-1	. CREDIT RISK .	International Barclays Bank, PLC			12/20/2023	1	300,000	SCDS: (BLL)	0	(4,930)	(275)		)	(1,908)	2,897	0	125	0	0		0003
CDS BUY, SCDS: (NE	E) _ Credit Hedge	D-1	. CREDIT RISK .	Intercontinental	. G5GSEF7VJP5170UK5573	05/28/2020	06/20/2021	1	7,500,000	SCDS: (NEE)	0	(69,969)	(6,875)	(61,057)	)	(61,057)	2,961	0	5,951	0	0		0003
CL CDS BUY, ICE:	04:4 11-4	D 1	. CREDIT RISK .	Exchange Holdings, Inc./Morgan Stanle		00/14/0017	12/20/2020		26.655.000	105. (170)	(040 404		(133,938)	(121,590)		(404 500)	35.074	0	83.893	0	0		0003
	Credit Hedge	D-1	. CHEDII KISK .	& Co. LLC		02/14/2017	12/20/2020		26,655,000	ICE: (AZO)	(646,101	)U	(133,938)	(121,590)	)	(121,590)	35,074	0	83,893	0	0	I	0003
CL CDS BUY, ICE:	(T) Credit Hedge	D-1	. CREDIT RISK .	Intercontinental	y . 549300R41G1TWPZT5U32	02/14/2017	03/20/2021	1	10,000,000	ICE: (T)	(244,975	0	(50,244)	(24, 448)	)	(24,448)	43,880	0	29,883	0	0	1	0003
CL CDS BUY, ICE:	(T) Credit Hedge	D-1	. CREDIT RISK .	Exchange Holdings, Inc./Morgan Stanle & Co. LLC Intercontinental		06/16/2017	03/20/2021	1	43,000,000	ICE: (T)	(623, 166	0	(216,048)	(105, 125	)	(105,125)	234,411	0	82,770	0	0	1	0003
CL CDS BUY, ICE:	Credit Hedge	D-1	. CREDIT RISK .	Exchange Holdings, Inc./Morgan Stanle & Co. LLC Intercontinental	y . 549300R41G1TWPZT5U32	06/16/2017	03/20/2021	1	10,000,000	ICE: (BAC)	(215,030	0	(50,228)	(45, 180)	)	(45, 180)	27,867	0	28,504	0	0	1	0003
CL CDS BUY, ICE:	(C) Credit Hedge	D-1	. CREDIT RISK .	Exchange Holdings, Inc./Morgan Stanle & Co. LLC Intercontinental		06/16/2017	09/20/2020	1	15,000,000	ICE: (C)	(276,894	0	(75,523)	(19,832)	)	(19,832)	30,259	0	42,400	0	0	1	0003
CL CDS BUY, ICE:	(IP) Credit Hedge	D-1	. CREDIT RISK .	Exchange Holdings, Inc./Morgan Stanle & Co. LLC	y . 549300R41G1TWPZT5U32	06/16/2017	03/20/2022	1	4,600,000	ICE: (IP)	(117,201	0	(22,964)	(70,379	)	(70,379)	5,485	0	12,288	0	0	1	0003
CL CDS BUY, ICE:				Intercontinental Exchange Holdings, Inc./Morgan Stanle	v																		
(ALTRIA)	Credit Hedge	D-1	. CREDIT RISK .		, 549300R41G1TWPZT5U32	09/25/2019	06/20/2021	1	15,000,000	ICE: (ALTRIA)	(201,688	0	(75, 174)	(130,916	)	(130,916)	3,043	0	57,898	0	0	1	0003
CL CDS BUY, ICE: (BATSLN)	Credit Hedge	D-1	. CREDIT RISK .	Inc./Morgan Stanle & Co. LLC Intercontinental	y . 549300R41G1TWPZT5U32	05/19/2020	06/20/2025	1	6,000,000	ICE: (BATSLN)	0	(252,706)	(6,978)	(257,375)	)	(257,375)	(10,381)	0	5,712	0	0	1	0003
CL CDS BUY, ICE:	Credit Hedge	D-1	. CREDIT RISK .	Exchange Holdings, Inc./Morgan Stanle & Co. LLC Intercontinental	y . 549300R41G1TWPZT5U32	05/19/2020	03/20/2021	1	5,000,000	ICE: (MCK)	0	(35,845)	(5,830)	(33,062	)	(33,062)	(2, 154)	0	4,936	0	0	1	0003
CL CDS BUY, ICE:	Credit Hedge	D-1	. CREDIT RISK .	Intercontinental	y . 549300R41G1TWPZT5U32	05/21/2020	12/20/2021	1	1,610,000	ICE: (CSCHLD)	0	(104, 223)	(8,935)	(101,632)	)	(101,632)	(4,622)	0	7,213	0	0	1	0003
CL CDS BUY, ICE:	Credit Hedge	D-1	. CREDIT RISK .	Exchange Holdings, Inc./Morgan Stanle	y . 549300R41G1TWPZT5U32	05/28/2020	12/20/2022	1	2,500,000	ICE: (LEN)	n	(279, 101)	(11,438)	(255,807)		(255,807)	13,454	n	9.840	n	n	1	0003
CL CDS BUY, ICE:	o. our c riougo	5 1		Intercontinental Exchange Holdings, Inc./Morgan Stanle					2,000,000			(2/0, 101)	(11,400)						3,040				
(DHI)	Credit Hedge	D-1	. CREDIT RISK .	& Co. LLC	, 549300R41G1TWPZT5U32	05/28/2020	09/20/2022	l1	2,500,000	ICE: (DHI)	0	(42, 398)	(2,288)	(45,834)		(45,834)	(5,092)	0	1,656	0	0	1	0003

						SCH	IEDU	LE D	B - P/	ART A	\ - SE	CTIO	N 1									
						all Option	s, Caps, Fl	oors, Colla	ars, Swaps	and Forwa								•				
1	Description of Item(s) Hedged,	3	4	5	6	7	8	9	10 Strike Price,	11 Cumulative Prior Year(s) Initial Cost of Un-	Current Year Initial Cost of Un-	13	14	15	16	17	18 Total	19 Current	20 Adjustment		22 Credit Quality	23 Hedge Effectiveness
	Used for Income	Schedule/	Type(s) of			Date of Maturity	Number		Rate or Index	discounted Premium	discounted Premium	Current	Book/ Adjusted			Unrealized Valuation	Foreign Exchange	Year's (Amorti-	to Carrying Value of		of Refer-	at Inception and at
Description	Generation or Replicated	Exhibit Identifier	Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	or Expiration	of Contracts	Notional Amount	Received (Paid)	(Received) Paid	(Received) Paid	Year Income	Carrying Value	Code	Fair Value	Increase/ (Decrease)	Change in B./A.C.V.	zation)/ Accretion	Hedged Item		ence Entity	Quarter-end (b)
CL CDS BUY, ICE: (IR)	) Credit Hedge	D-1	CREDIT RISK .	Intercontinental Exchange Holdings, Inc./Morgan Stanley & Co. LLC	206/03/2020	06/20/2023	1	2,000,000	ICE: (IR)	0	(56, 421)	(1,496)	(56,039)		(56,039)	(988)	0	1,370	0	0	1	0003
	total - Swaps - Hedg		Credit Defau	It						(2,391,011		(682,522)	(1,344,335)		(1,344,335)	380,660	0	383,900	0		XXX	XXX
	total - Swaps - Hedg	ing Other		Morgan Stanley					CDS:	(2,374,628	(10,600)	19, 156, 795	361,612,801	XXX	361,612,801	212,249,036	0	351,888	U	141,467,203	***	XXX
CDS SELL, CDS: (CMBX.NA.11.AAA),	CDS: (CMBX.NA.11.AAA),	DB-C	CREDIT RISK .	Capital Services LLC	412/06/2018	11/18/2054 .	1	5,000,000	(CMBX.NA.11.AAA ) )	(80,355	0	12,639	(76,872)		16,430	0	0	1, 114	0	5,000,000	1	0003
CDS SELL, CDS: (CMBX.NA.13.AAA), CDS SELL, CDS:	CDS: (CMBX.NA.13.AAA),  CDS: (CMBX.NA.13.AAA),	DB-C	CREDIT RISK .	Capital Services LLC	403/10/2020	12/16/2072	1	5,000,000		0	(188,818)	7,778	(182,626)		(62,570)	0	0	6, 193	0	5,000,000	1	0003
(CMBX.NA.13.AAA), CDS SELL, CDS:	CDS: (CMBX.NA.13.AAA).	DB-C	CREDIT RISK .	LLC	403/12/2020	12/16/2072 .	1	10,000,000		0	(531, 201)	15,278	(514,086)		(125,139)	0	0	17,115	0	10,000,000	1	0003
(CMBX.NA.13.AAA),	CDS: (CMBX.NA.13.AAA),	DB-C	CREDIT RISK .	LLC	403/16/2020	12/16/2072 .	1	10,000,000		0	(605,858)	14,722	(587,039)		(125,139)	0	0	18,819	0	10,000,000	1	0003
(CMBX.NA.13.AAA), CDS SELL, CDS:	CDS: (CMBX.NA.13.AAA),	DB-C	CREDIT RISK .	LLC		12/16/2072 .	1	7,000,000		0	(524,019)	10,111	(508,046)		(87,597)	0	0	15,973	0	7,000,000	1	0003
(CMBX.NA.13.AAA),	total - Swaps - Repli	DB-C	CREDIT RISK .	LLC I7331LVCZKQKX5T7XV5	403/24/2020 .	12/16/2072 .	1	5,000,000	)	(80,355	(414,553)		(2,271,308)		(446,585)	0	0	11,914 71,128	0	5,000,000 42,000,000	1	0003
	total - Swaps - Repli		ant Dordant							(80,355		69,347	(2,271,308)	XXX	(446,585)	0	0	71,128	0	42,000,000	XXX	XXX
	total - Swaps - Incon total - Swaps - Other		n							0	_	0	0	XXX	0	0	0	0	0		XXX	XXX
	al Swaps - Interest R									16,383	838,279	5,124,995	362,957,136	XXX	78,341,756	211,868,376	0	(32,012	) 0			XXX
	al Swaps - Credit De									(2,471,366		(613, 175)	(3,615,643)		(1,790,920)	380,660	0	455,028	0			XXX
	al Swaps - Foreign E al Swaps - Total Retu									(4,592,595	61,640	5,330,699	11,558,666	XXX	51,514,968	0	24,294,058	0	0	-,,	XXX	XXX
1399999999. Tota		aiii								0	0	0	0	XXX	0	0	0	0	0	0	XXX	XXX
1409999999. Tota		1	1						1	(7,047,578	(2,213,409)	9,842,519	370,900,159	XXX	128,065,804	212,249,036	24,294,058	423,016	0	220,726,043	XXX	XXX
FWD COMMIT, UMBS 30YF TBA(REG A)	Cash flow hedge mortgage derivative Products Cash flow hedge	D-1		K Bank of America, N.A B4TYDEB6GKMZ0031MB2	7	07/01/2050	1	35,000,000	UMBS 30YF	0	0	0	311,719		311,719	311,719	0	0	0	34,273		0002
FWD COMMIT, UMBS 30YF TBA(REG A)	Products	D-1		Credit Suisse International E58DKGMJYYYJLN8C386	806/10/2020	08/01/2050 .	1	22,000,000	UMBS 30YF	0	0	0	153,401		153,401	153,401	0	0	0	38 , 192		0002
FWD COMMIT, UMBS 30YF	Products	D-1		K Barclays Bank, PLC G5GSEF7VJP5170UK557	306/10/2020	08/01/2050	1	100,000,000		0	0	0	699, 228		699,228	699,228	0	0	0	173,600		0002
TBA(REG A)	Products	D-1		Credit Suisse International E58DKGMJYYYJLN8C386	806/10/2020	08/01/2050 .	1	40,000,000	TBA(REG A)  UMBS 30YF	0	0	0	278,910		278,910	278,910	0	0	0	69,440		0002
FWD COMMIT, UMBS 30YF TBA(REG A)FWD COMMIT, UMBS 30YF	Products	D-1	INTEREST RISH	Credit Suisse International E58DKGMJYYYJLN8C386 Morgan Stanley Comital Services	806/10/2020	08/01/2050	1	8,000,000	TBA(REG A)	0	0	0	55,782		55,782	55,782	0	0	0	13,888		0002
TBA(REG A)FWD COMMIT, UMBS 30YF	Products	D-1		( Capital Services LLC	406/11/2020	08/01/2050	1	30,000,000	TBA(REG A)	0	0	0	(16,986)		(16,986)	(16,986)	0	0	0	52,080		0002
TBA(REG A)	Products	D-1	INILILOI NIO	G5GSEF7VJP5170UK557	306/15/2020	08/01/2050	1	50,000,000	TBA(REG A)	0	0	0	255,864		255,864	255,864	0	0	0	86,800		0002

S	showing a	II Options	, Caps, F	Floors, Col	lars, 🤄	Swaps a	and F	orwar	ds O <sub>l</sub>	pen a	s of C	urrer	nt Stateme	nt Date	)

						Showing a	all Option	s, Caps, Fl	oors, Colla	rs, Swaps	and Forwa	rds Open as	of Curre	nt Stateme	nt Date	;							
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
	5										Prior	Current											1
	Description									Strike	Year(s)	Year Initial										Credit	l Hadaa
	of Item(s) Hedged,									Price,	Initial Cost of Un-	Cost of Un-						Total	Current	Adjustment			Hedge 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	Quarter-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)
END COMMIT LINDS CO.	Cash flow hedge		INTEREST DIG	Morgan Stanley						UMBS 30YR													1
TBA(REG A)	/R mortgage derivative Products	D-1	INTEREST RIS	Capital Services	. 17331LVCZKQKX5T7XV54	06/15/2020	08/01/2050	1	19 000 000	TBA(REG A)	0	0	0				89,435	0	0	0	32,984		0002
15N(1120 11)	Cash flow hedge			Morgan Stanley																			1
	/R mortgage derivative		INTEREST RIS	Capital Services						UMBS 30YR													1
TBA(REG A)	Products	D-1		. LLC	. I7331LVCZKQKX5T7XV54	06/15/2020 .	08/01/2050 .	1		TBA(REG A)	0	0	0	32,950		32,950	32,950	0	0	0	12, 152		0002
FWD COMMIT, UMBS 30	/R mortgage derivative		INTEREST RIS	Credit Suisse						UMBS 30YR													1
TBA(REG A)	Products	D-1		. International	E58DKGMJYYYJLN8C3868	06/17/2020 .	08/01/2050 .	1	100,000,000	TBA(REG A)	0	0	0	595,725		595,725	595,725	0	0	0	173,600		0002
END COMMIT TIMES 307	Cash flow hedge /R mortgage derivative		INTEREST DIS	( Credit Suisse						UMBS 30YR													1
TBA(REG A)	Products	D-1	INTEREST RIS	International	E58DKGMJYYYJLN8C3868	06/16/2020	08/01/2050	1	150,000,000		0	0	0	858,413		858 , 413	858,413	0	0	0	260,400		0002
	Cash flow hedge															,	,						1
	/R mortgage derivative		INTEREST RIS	Bank of America,	D.4TV/DED.00//U70004/UD07	00/17/0000	00 (04 (0050		450 000 000	UMBS 30YR				050 440		050 440	050 440				000 400		1,,,,,
TBA(REG A)	Products	υ-1		N.A Morgan Stanley	B4TYDEB6GKMZ0031MB27	06/17/2020 .	08/01/2050 .	1	150,000,000	IBA(HEG A)	0	0	0	858,413		858,413	858,413	0	0	0	260,400		0002
FWD COMMIT, UMBS 30	/R mortgage derivative		INTEREST RIS	( Capital Services						UMBS 30YR													1
TBA(REG A)	Products	D-1		. LLC	. I7331LVCZKQKX5T7XV54	06/22/2020 .	08/01/2050	1	300,000,000	TBA(REG A)	0	0	0	1, 195, 341		1, 195, 341	1, 195, 341	0	0	0	520,800		0002
EWD COMMIT HMBS 201	Cash flow hedge /R mortgage derivative		INTEDECT DIC	Morgan Stanley Capital Services						UMBS 30YR													1
TBA(REG A)	Products	D-1	INILALSI AIS	LLC	17331LVCZKQKX5T7XV54	06/24/2020	.08/01/2050	1	300,000,000		0	0	0	1,242,216		1,242,216	1,242,216	0	0	0	520,800		0002
, , , ,	Cash flow hedge													, ,		, ,	, ,				,		i
FWD COMMIT, UMBS 30\ TBA(REG A)	/R mortgage derivative	D 4	INTEREST RIS	Bank of America,	B4TYDEB6GKMZ0031MB27	06/26/2020	08/01/2050		4E 000 000	UMBS 30YR TBA(REG A)			0	38,966		38,966	38,966		0		26,040		0002
IBA(NEG A)	Products	υ-1		. N.A	B41TUEBOURNIZUU31NIB27	00/20/2020 .	08/01/2000 .	······································	15,000,000	IBA(NEG A)	0		0			, 86, 900		0	0		20,040		0002
FWD COMMIT, UMBS 30	/R mortgage derivative		INTEREST RIS	Credit Suisse						UMBS 30YR													1
TBA(REG A)	Products	D-1		. International	E58DKGMJYYYJLN8C3868	06/29/2020 .	08/01/2050 .	1	130,000,000	TBA(REG A)	0	0	0	236 , 145		236 , 145	236 , 145	0	0	0	225,680		0002
FWD COMMIT. UMBS 30)	Cash flow hedge /R mortgage derivative		INTEREST RIS	Credit Suisse						UMBS 30YR													i
TBA(REG A)	Products	D-1			E58DKGMJYYYJLN8C3868	06/30/2020 .	07/01/2050	1	50,000,000		0	0	0	(3,925)		(3,925	)(3,925)	0	0	0	48,962		0002
END COMMIT INDO CO	Cash flow hedge		INTEREST DIG	(						LINDO OOVD													1
TBA(REG A)	/R mortgage derivative Products	D-1	INTEREST RIS	Bank of America,	B4TYDEB6GKMZ0031MB27	06/30/2020	07/01/2050	1	150,000,000	UMBS 30YR	0	0	0	(11,775)		(11,775	(11,775)	0	0	0	146,885		0002
	Foreign Currency Hedge																,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
CURRENCY FORWARD,	- Limited			JPMORGAN CHASE	711001 VDD110051157D1507	0.4.10.4.100.000	07/04/0000		054 040	110 (100				(00.450)		/00 450	, ,,,,,	(00, 400)			400		1,,,,,
AUD/USD	Partnerships/Alte Foreign Currency Hedge	BA	Currency	BANK, N.A.	7H6GLXDRUGQFU57RNE97	04/21/2020 .	07/21/2020 .		351,819	AUD/USD	0	0	0	(33,453)		(33,453	)(20)	(33,433)	lu	0	423		0004
CURRENCY FORWARD,	- Limited			JPMORGAN CHASE																			1
AUD/USD	. Partnerships/Alte	BA	Currency	BANK, N.A	7H6GLXDRUGQFU57RNE97	04/21/2020 .	07/21/2020 .	1		AUD/USD	0	0	0	(66,907)		(66,907	)(40)	(66,867)	0	0	844		0004
CURRENCY FORWARD.	Foreign Currency Hedge - Limited	<u>'</u>		Goldman Sachs																			1
CNH/USD	Partnerships/Alte	BA	Currency	International	W22LROWP21HZNBB6K528	04/21/2020	07/21/2020	1	1, 192, 277		0	0	0	(7, 105)		(7, 105	1,218	(8,323)	0	0	1,430		0004
AUDDENOV FARMARA	Foreign Currency Hedge	•																					1
CURRENCY FORWARD, CNH/USD	- Limited Partnerships/Alte	RΔ	Currency	Goldman Sachs International	W22LROWP21HZNBB6K528	04/21/2020 .	07/21/2020	1	2,384,554	CNH/USD	0	0	0	(14,210)		(14,210	2,437	(16,646)	0		2,860		0004
0.00	Foreign Currency Hedge	)			WEELTON ETTERBOTOES												,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						1
CURRENCY FORWARD,	- Limited			Goldman Sachs	WOOL DOWNS LUTLING OVERS	0.4 (0.4 (0.000)	07/04/0000		200 100	01111100				(4.440)		/ / / / /	705	(4.040)					1,,,,,
CNH/USD	Partnerships/Alte Foreign Currency Hedge	RA	Currency	. International Morgan Stanley	W22LROWP21HZNBB6K528	04/21/2020 .	07/21/2020 .	L1 <sub> </sub>	690 , 100		0	0	0	(4, 112)		(4, 112	)705	(4,818)	ļ0	·0	828		0004
CURRENCY FORWARD,	- Limited	1		Capital Services																			( l
EUR/USD	. Partnerships/Alte	BA	Currency	LLC	. I7331LVCZKQKX5T7XV54	04/21/2020 .	07/21/2020 .	1	250,866	EUR/USD	0	0	0	(8,758)		(8,758	)(345)	(8,412)	0	0	301		0004
CURRENCY FORWARD.	Foreign Currency Hedge - Limited	ì		Morgan Stanley Capital Services																			( l
EUR/USD	Partnerships/Alte	BA	Currency	LLC	17331LVCZKQKX5T7XV54	04/21/2020	07/21/2020	1	697,861	EUR/USD	0	0	0	(24, 362)		(24,362	(961)	(23,401)	0	0	837		0004
	Foreign Currency Hedge		,	Morgan Stanley										`,									1
CURRENCY FORWARD, EUR/USD	- Limited Partnerships/Alte	DΛ	Currency	Capital Services	. 17331LVCZKQKX5T7XV54	04/21/2020 .	07/21/2020	4	7,666,909	EUR/USD	0	0	0	(267,647)		(267,647	)(10,555)	(257,091)	_	_	9, 195		0004
LOI // OOD	.   · ai thoi on (po/ ni to	· • • • • • • • • • • • • • • • • • • •																					

										AKIA		_										
					Showing a	all Options	s, Caps, F	loors, Colla	rs, Swaps	and Forward	ds Open a	s of Currer	nt Stateme	nt Date								
1	2 Description	3	4	5	6	7	8	9	10	11 Cumulative Prior Year(s)	12 Current Year Initial	13	14	15	16	17	18	19	20	21	22	23
	of Item(s) Hedged, Used for		Type(s)			Date of			Strike Price, Rate or	Initial Cost of Un- discounted	Cost of Un- discounted		Book/			Unrealized	Total Foreign	Current Year's	Adjustment to Carrying		of	Hedge Effectiveness at Inception
Description	Income Generation	Schedule/ Exhibit	of Risk(s)	Exchange, Counterparty	Trade	Maturity or	Number of	Notional	Index Received	Premium (Received)	Premium (Received)	Current Year	Adjusted Carrying	Cada	Fain \/aliva	Valuation Increase/	Exchange in	(Amorti- zation)/	Value of Hedged	Potential	Refer- ence	and at Quarter-end
Description	or Replicated Foreign Currency Hedge	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)
CURRENCY FORWARD, GBP/USD	- Limited Partnerships/Alte Foreign Currency Hedge	BA	Currency	JPMORGAN CHASE BANK, N.A. 7H6GLXDRUGQFU57RNE97	706/22/2020	07/27/2020 .	1	38,794,758	GBP/USD	0 .	0	0	228,900		228,900	(71,383)	300,282	0	0	52,757		0004
CURRENCY FORWARD, CNH/USD	- Limited Partnerships/Alte Foreign Currency Hedge	BA	Currency	Goldman Sachs International W22LROWP21HZNBB6K528	306/30/2020	10/23/2020 .	1	1,272,009	CNH/USD	0 .	0	0	(59)		(59)	7,586	(7,645).	0	0	3,570		0004
CURRENCY FORWARD, CNH/USD	- Limited Partnerships/Alte Foreign Currency Hedge	BA	Currency	Goldman Sachs International W22LROWP21HZNBB6K528	306/30/2020	10/23/2020 .	1	2,444,283	CNH/USD	0	0	0	(113)		(113)	14,577	(14,690).	0	0	6,860		0004
CURRENCY FORWARD, CNH/USD	- Limited Partnerships/Alte Foreign Currency Hedge	BA	Currency	Goldman Sachs International W22LROWP21HZNBB6K528	306/30/2020	10/23/2020 .	1	636,005	CNH/USD	0	0	0	(29)		(29)	3,793	(3,822)	0	0	1,785		0004
CURRENCY FORWARD, CNH/USD	- Limited Partnerships/Alte Foreign Currency Hedge	BA	Currency	Goldman Sachs International W22LROWP21HZNBB6K528	306/30/2020	07/21/2020 .	1	1, 199, 258	CNH/USD	0	0	0	124		124	(1,218)	1,343	0	0	1,438		0004
CURRENCY FORWARD, CNH/USD	- Limited Partnerships/Alte Foreign Currency Hedge	BA	Currency	Goldman Sachs International W22LROWP21HZNBB6K528	306/30/2020	07/21/2020 .	1	2,398,515		0	0	0	249		249	(2,436).	2,685	0	0	2,877		0004
CURRENCY FORWARD, CNH/USD	- Limited Partnerships/Alte Foreign Currency Hedge	BA	Currency	Goldman Sachs International W22LROWP21HZNBB6K528 Morgan Stanley	306/30/2020	07/21/2020 .	1	694,141	CNH/USD	0	0	0	72		72	(705)	777	0	0	832		0004
CURRENCY FORWARD, EUR/USD	- Limited Partnerships/Alte Foreign Currency Hedge	BA	Currency	Capital Services LLC	406/30/2020	10/23/2020 .	1	72,301	EUR/USD	0 .	0	0	6		6	(250).	256	0	0	203		0004
CURRENCY FORWARD, EUR/USD	- Limited Partnerships/Alte Foreign Currency Hedge - Limited	BA	Currency	Capital Services LLC	406/30/2020	10/23/2020 .	1	86,761	EUR/USD	0	0	0	7		7	(300).	307	0	0	243		0004
EUR/USD	Partnerships/Alte Foreign Currency Hedge - Limited	BA	Currency	LLC	406/30/2020	10/23/2020 .	1	9,508,743	EUR/USD	0	0	0	770		770	(32,866).	33,636	0	0	26,687		0004
EUR/USD	Partnerships/Alte Foreign Currency Hedge - Limited	BA	Currency	LLC	406/30/2020	07/21/2020 .	1	259,652	EUR/USD	0	0	0	(28)		(28)	346	(374)	0	0	311		0004
EUR/USD	Partnerships/Alte Foreign Currency Hedge - Limited	BA	Currency	LLC	406/30/2020	07/21/2020 .	1	722,302	EUR/USD	0	0	0	(78)		(78)	962	(1,040).	0	0	866		0004
CURRENCY FORWARD,	Partnerships/Alte Foreign Currency Hedge - Limited	BA	Currency	LLC		07/21/2020 .	1	7,935,426	EUR/USD		0	0	(857)		(857)	10,568	(11,425).	0	0	9,517		0004
AUD/USD	Partnerships/Alte Foreign Currency Hedge - Limited	BA	Currency	LLC		07/21/2020 .	1	385,717	AUD/USD	0	0	0	(443)		(443)	22	(464).	0	0	463		0004
AUD/USD	Partnerships/Alte btotal - Forwards - He	daina Othor	Currency	LLC	406/30/2020	07/21/2020 .	1		AUD/USD	0	0 ^	0	6,670,903	XXX	6,670,903	6,791,000	(120,094)	0	0	2,823,028	XXX	0004 XXX
	btotal - Forwards	aging Other								0	0	0	6,670,903	XXX	6,670,903	6,791,000	(120,094)	0	0	2,823,028		XXX
	btotal - SSAP No. 108	Adjustment	S							0	0	0	0,070,000	XXX	0,070,000	0	0	0	0		XXX	XXX
				Annuity Guarantees Under SSAP No	o.1 <mark>08</mark>					(4,592,595)	61,640	(9,383,623)	11,558,666	XXX	(233, 100, 412)	0	24,294,058	0	0	37,258,840		XXX
			Annuity Gu	arantees Under SSAP No.108						20,434,749	144 001	10 150 705	000 500 040	XXX	000 500 040	0 219,449,478	(100,004)	(1.000.040)	0	144 000 001	XXX	XXX
	btotal - Hedging Other btotal - Replication									(80,355)	144,981	19, 156, 795 69, 347	369,599,849 (2,271,308)	XXX	369,599,849 (446,585)	219,449,478	(120,094) 0	(1,023,942) 71,128	0		XXX	XXX
	btotal - Income General	ation								0	0	0	0	XXX	0	0	0	0	0	0	XXX	XXX
1739999999. Su	btotal - Other									0	0	0	0	XXX	0	0	0	0	0	0	XXX	XXX
	btotal - Adjustments fo	or SSAP No.	108 Deriva	ives						15 761 700	(2.057.000	9.842.519	0 378.887.207	XXX	126 052 052	210 440 470	0 24. 173. 964	(952.814)	0	222 540 074	XXX	XXX
1759999999 - To	Julia									15,761,799	(2,057,828)	9,842,519	3/8,88/,20/	XXX	136,052,852	219,449,478	24, 1/3, 964	(952,814)	0	223,549,071	XXX	۸۸۸

# E06.30

### STATEMENT AS OF JUNE 30, 2020 OF THE VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY

(a)	Code	Description of Hedged Risk(s)

(b)	Code	Financial or Economic Impact of the Hedge at the End of the Reporting Period
	0001	Economic hedge of liability products
	0002	Economic hedge of bond portfolio
	0003	Reduce credit exposure
	0004	Reduce currency exposure

										~ · · ·			<i>-</i> 1								
								Futures Contracts	Open as o	of the Curr	ent Staten	nent Date									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	Highl	y Effective He	edges	18	19	20	21	22
														15	16	17					
																Change in					
																Variation		Change in			
																Margin		Variation		Hedge	
																Gain		Margin		Effectiveness	
						- / )							5			(Loss) Used	Cumulative	Gain		at	
	Month				0-11-1-/					T	D		Book/		5 (	to Adjust	Variation	(Loss)		Inception	\
Ticker		Motional							Trada	Transac- tion	Reporting Date		Adjusted	Cumulative	Deferred	Basis of	Margin for All Other	Recognized in Current	Potential	and at Quarter-end	Value of One (1)
Symbol	01		Description					Evohango		Price	Price	Fair Value	Carrying Value	Variation Margin	Variation Margin	Hedged Item	Hedges	Year	Exposure	(b)	Point
, ,				or Replicated	identifier	(a)	lion	Exchange	Date	FIICE	Price	rali value	value	wargin	wargin	nem	neuges	real	Exposure	(-/	
157999	1999. Subtota	ı - Long Future	es	To 1 E1 11 1	1	T		ONE OF		1		0	0	0	0	0	0	0	0	XXX	XXX
						Interest Date															
EDU0	13	13 000 000	FUROS 90 DAY SEP 20		D1	iliterest nate			02/21/2018	97.0900	99.7350	0	0	0	0	0	(85,963)	(85,963)	4,680	0003	2,500
2500			20100 00 311 021 20 .	Cash Flow Hedge-				CME- Chicago	, , , , , , , , , , , , , , , , , ,									,(00,000)	, 000		
				Mortgage Derivatives		Interest Rate		Mercantile Exchange													
EDU0	1,893	1,893,000,000	EURO\$ 90 DAY SEP 20 .	Products	. D1		09/15/2020 .		02/21/2018 .	99.2685	99.7350	0	0	0	0	0	(2,207,863)	(2,207,863)	756,699	0003	2,500
						Indones A Dada															
EDZ0	1 360	1 360 000 000	FIRMS ON DAY DEC 20		D1	interest hate			02/21/2018	99.0691	99.7100	(17,000)	0	0	0	0	(2, 179, 000)	(2,179,000)	543,639	0003	2,500
LD20		1,000,000,000	LONG SO DAT DEC 20 .				12/ 13/ 2020 .				35.7 100	17,000)					(2, 173,000	(2, 173,000)		0000	2,500
				Mortgage Derivatives		Interest Rate		Mercantile Exchange													
EDH1		1,350,000,000	EURO\$ 90 DAY MAR 21 .	Products	. D1		03/16/2021 .		02/21/2018 .	99 . 1392	99.8000	(16,875)	0	0	0	0	(2,230,312)	(2,230,312)	539,642	0003	2,500
EDM1	1 050	1 250 000 000	FUDOS OO DAY IIIN OS		D4	Interest Hate			00/01/0010	99, 1517	00 0000	(16,875)	0		0	0	(2,255,391)	(0.055.004)	539.642	0000	2,500
EDM1		1,350,000,000	EURUS 90 DAT JUN 21 .				06/ 15/2021 .			99.1017	99.8200	(10,8/3)	0	0	0	0	(2,200,391	(2,255,391)		0003	2,500
						Interest Rate															
EDU1		1,350,000,000	EURO\$ 90 DAY SEP 21 .	Products	. D1		09/15/2021 .		02/21/2018 .	99.1460	99.8250	(16,875)	0	0	0	0	(2,291,625)	(2,291,625)	539,642	0003	2,500
				Cash Flow Hedge-				CME- Chicago													
5074	0.45	045 000 000	5100+ 00 DIV DE0 04		24	Interest Rate			00/04/0040	07.0400							10 107 105	(0.407.405)	105.010		0.500
EDZ1					וט		12/15/2021	SNZ20JLFK8MNNCLQ0F39		97.0100	99.8000	0	0	0	0	0	(2, 197, 125)		125,916		2,500
				er								(67,625)	0	0	0	0	(13,447,279)	(13,447,279)	3,049,860	XXX	XXX
												(67,625)	0	0	0	0	(13,447,279)	(13,447,279)	3,049,860	XXX	XXX
												0	0	0	0	0	0	0	0	XXX	XXX
							P No.108					0	0	0	0	0	0	0	0	XXX	XXX
169999	Number of Notional Amount   Description   Description											0	0	0	0	0	0	0	0	XXX	XXX
	Number of Notional boll											(67,625)	0	0	0	0	(13,447,279)	(13,447,279)	3,049,860	XXX	XXX
171999	999. Subtota	I - Replication			<u> </u>	<u> </u>						0	0	0	0	0	0	0	0	XXX	XXX
172999	999. Subtota	I - Income Ger	neration								-	0	0	0	0	0	0	0	0	XXX	XXX
173999	999. Subtota	ıl - Other										0	0	0	0	0	0	0	0	XXX	XXX
			s for SSAP No. 10	8 Derivatives								0	0	0	0	0	0	0	0	XXX	XXX
	999 - Totals	•										(67,625)	0	0	0	0	(13.447.279)	(13,447,279)	3.049.860	XXX	XXX

	Broker Name					DogInning Cash Balance	Cumulative Cash Change	Ending Cash Balance	
Total Net Cash Deposits									
Code			Desc	cription of	Hedged	RISK(S)			

(b)	Code	Financial or Economic Impact of the Hedge at the End of the Reporting Period
	0003	Economic Hedge of Bond Portfolio

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

Counterparty Exposure for Derivative Instruments Open as of Current Statement Date

1	2	3	4	Boo	k/Adjusted Carrying V	'alue		Fair Value		11	12
		Credit		5	6	7	8	9	10		
	Master	Support	Fair Value of	Contracts With	Contracts With						
Description of Exchange,	Agreement	Annex	Acceptable	Book/Adjusted	Book/Adjusted	Exposure Net of	Contracts With	Contracts With	Exposure	Potential	Off-Balance
Counterparty or Central Clearinghouse	(Y or N)	(Y or N)	Collateral	Carrying Value >0	Carrying Value <0	Collateral	Fair Value >0	Fair Value <0	Net of Collateral	Exposure	Sheet Exposure
0199999999 - Aggregate Sum of Exchange Traded Derivatives	XXX	XXX	XXX	0	0	0	0	(67,625)	0	3,049,860	3,049,860
Bank of America, N.A. B4TYDEB6GKMZ0031MB27	ΥΥ	Y	3,144,000	1,209,098	(11,775)	0	1,209,098	(11,775)	0	467,599	0
Barclays Bank, PLC G5GSEF7VJP5170UK5573	У	У	6,141,000	2,839,142	(61,057)	0	5,372,101	(61,057)	0	689,847	0
BNP Paribas ROMUNSFPU8MPR08K5P83	У	У		2,326,550	(1,362,467)	0	4,402,610	(1,362,467)	0	504,684	0
Citibank, N.A. 570DZWZ7FF32TWEFA76.	Y	Y	30,024,238	9,749,444	(2,894,295)	0	27,426,492	(356,827)	0	4,617,039	0
CREDIT AGRICOLE CORPORATE & INVESTMENT BANK 1VUV7VQFKUOQSJ21A208	Y	Y	500,000	24,820	0	0	334,896	0	0	70,781	0
Credit Suisse International E58DKGMJYYYJLN8C3868	У	У	0	2, 178, 375	(3,925)	2, 174, 450	2,178,375	(3,925)	2, 174, 450	830 , 162	830 , 162
Goldman Sachs International W22LR0WP21HZNBB6K528	Y	Y	7,310,000	2,043,431	(2,348,088)	0	7,079,225	(531,984)	0	1,544,007	0
HSBC Bank USA, National Association	Y	Y	80,000	42,408	(25, 460)	0	42,408	(25,460)	0	0	0
JPMORGAN CHASE BANK, N.A. 7H6GLXDRUGQFU57RNE97	Y	Y	0	228,900	(113,239)	115,661	228,900	(113,239)	115,661	54,023	54,023
Morgan Stanley Capital Services LLC	Y	Y	5,482,119	2,560,725	(2,591,352)	0	2,577,155	(783,059)	0	43, 188, 365	37,675,619
Societe Generale	Y	Y	3,450,000	74, 132	(46,908)	0	3,291,358	(46,908)	0		0
Wells Fargo Bank, N. A. KB1H1DSPRFMYMCUFXT09	Y	Y	8,370,000	3,565,765	(186,939)	0	8,319,334	(186,938)	0	876,097	0
029999999. Total NAIC 1 Designation			67,631,357	26,842,790	(9,645,505)	2,290,111	62,461,952	(3,483,639)	2,290,111	53,238,029	38,559,804
0899999999. Aggregate Sum of Central Clearinghouses (Excluding Exchange T	raded)		92,414,119	844,936,028	(483,246,106)	269,275,803	847,250,684	(770, 176, 145)	0	170,311,042	170,311,042
	-										
	·				†						
099999999 - Gross Totals	- P		160,045,476	871,778,818	(492,891,611)	271,565,914	909,712,636	(773,727,409)	2,290,111	226,598,931	211,920,706
1. Offset per SSAP No. 64				0	0						
2. Net after right of offset per SSAP No. 64				871,778,818	(492,891,611)						

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

Collateral for Derivative Instruments Open as of Current Statement Date

#### Collateral Pledged by Reporting Entity

1	2	3	4	5	6	7 8	9
						Book/Adjusted	Type of
Exchange, Counterparty		CUSIP				Carrying Maturi	
or Central Clearinghouse	Type of Asset Pledged	Identification	Description	Fair Value	Par Value	Value Date	(I, V or IV)
GOLDMAN, SACHS & CO FORBUP27PHTHYVLBNG30	Treasury	. 912810-QA-9	Treasury Bond Coupon Rate: 3.5	7,496,602	5,300,000	5,250,34402/15/20	
Morgan Stanley Capital Services LLC	Treasury	912810-PX-0	Treasury Bond Coupon Rate: 4.5	1,080,668	685,000	800,25305/15/20	38IV
LCH/Goldman Sachs and Co. WAM6YERMS70XFZU0Y219	Treasury	912810-PX-0	Treasury Bond Coupon Rate: 4.5	15,293,421	9,694,000	11,325,03805/15/20	38
CME Group Inc./Morgan Stanley & Co. LLC	Treasury	. 912810-PX-0	Treasury Bond Coupon Rate: 4.5	3,706,724	2,349,572	2,744,89205/15/20	
Intercontinental Exchange Holdings, Inc./Morgan Stanley & Co. LLC	Treasury	. 912810-PX-0	Treasury Bond Coupon Rate: 4.5	97,816	62,002	72,43405/15/20	38I
LCH/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	Treasury	912810-PX-0	Treasury Bond Coupon Rate: 4.5	53,881,032	34, 153, 426	39,899,82005/15/20	38II
CME Group Inc./Morgan Stanley & Co. LLC	Treasury	912810-QA-9	Treasury Bond Coupon Rate: 3.5	1, 108, 847	783,940	776,59502/15/20	39
Intercontinental Exchange Holdings, Inc./Morgan Stanley & Co. LLC	Treasury	. 912810-QA-9	Treasury Bond Coupon Rate: 3.5	29,261	20,687	20,49302/15/20	39
LCH/Morgan Stanley & Co. LLC WAM6YERMS70XFZU0Y219	Treasury	. 912810-QA-9	Treasury Bond Coupon Rate: 3.5	16,118,220	11,395,373	11,288,61002/15/20	39
LCH/Goldman Sachs and Co. WAM6YERMS70XFZU0Y219	Cash	. 000000-00-0	CASH	7, 131, 543	7, 131, 543	7, 131, 543	V
CME Group Inc./Morgan Stanley & Co. LLC	Cash	. 000000-00-0	CASH	49,870,034	49,870,034		V
Intercontinental Exchange Holdings, Inc./Morgan Stanley & Co. LLC	Cash		CASH	1,316,005	1,316,005	1,316,005	V
LCH/Morgan Stanley & Co. LLC WAM6YERMS70XFZUOY219	Cash	. 000000-00-0	CASH	724,911,958	724,911,958	724,911,958	V
019999999 - Total				882,042,131	847,673,540	855,408,020 XXX	XXX

#### Collateral Pledged to Reporting Entity

1		2	3	4	5	6	7	8	9
							Book/Adjusted		Type of
Exchange, Counterparty			CUSIP				Carrying	Maturity	Margin
or Central Clearinghouse		Type of Asset Pledged	Identification	Description	Fair Value	Par Value	Value	Date	(I, V or IV)
Barclays Bank, PLC	. G5GSEF7VJP5170UK5573	Cash.	. 000000-00-0	CASH	6, 141,000	6,141,000	XXX		IV
BNP Paribas	ROMUWSFPU8MPR08K5P83	Cash.	. 000000-00-0	CASH	3,130,000	3,130,000	XXX		IV
Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	Cash	. 000000-00-0	CASH	3, 144,000	3,144,000	XXX		١٧
CREDIT AGRICOLE CORPORATE & INVESTMENT BANK	1VUV7VQFKU0QSJ21A208	Cash.	. 000000-00-0	CASH	500,000		XXX		IV
Citibank, N.A.	570DZWZ7FF32TWEFA76	Cash	. 000000-00-0	CASH	30,024,238	30,024,238	XXX		IV
Goldman Sachs International	. W22LR0WP21HZNBB6K528	Cash.	. 000000-00-0	CASH	7,310,000	7,310,000	XXX		IV
HSBC Bank USA, National Association	1 I E8VN30JCEQV 1H4R804	Cash	. 000000-00-0	CASH	80,000		XXX		IV
Morgan Stanley Capital Services LLC	17331LVCZKQKX5T7XV54	TREASURY BOND	912828-3D-0	Treasury Bond Coupon Rate: 2.25	5,482,119	5, 133,000	XXX	10/31/2024	IV
Societe Generale	. 02RNE81BXP4R0TD8PU41	Cash.	. 000000-00-0	CASH	3,450,000	3,450,000	XXX		IV
Wells Fargo Bank, N. A.	KB1H1DSPRFMYMCUFXT09	Cash	. 000000-00-0	CASH	8,370,000	8,370,000	XXX		IV
CME Group Inc./Goldman Sachs and Co.	LCZ7XYGSLJUHFXXNXD88	Cash.	. 000000-00-0	CASH	48,615,226	48,615,226	XXX		V
CME Group Inc./Morgan Stanley & Co. LLC	LCZ7XYGSLJUHFXXNXD88	Cash	. 000000-00-0	CASH	214,242,854	214,242,854	XXX		V
Intercontinental Exchange Holdings, Inc./Morgan Stanley & Co. LLC	549300R41G1TWPZT5U32	Cash.	. 000000-00-0	CASH	0	0	XXX		V
LCH/Morgan Stanley & Co. LLC	WAM6YERMS70XFZU0Y219	Cash	. 000000-00-0	CASH	612,785,579	612,785,579	XXX		V
029999999 - Total					943,275,016	942,925,897	XXX	XXX	XXX

### **SCHEDULE DB - PART E**

## Derivatives Hedging Variable Annuity Guarantees as of Current Statement Date This schedule is specific for the derivatives and the hedging programs captured in SSAP No. 108

	CDHS				Hedge	d Item			<del>7 3 1 - 3 -</del>	Hedging Instruments								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
				Fair Value					Current Year				Hedging					
				Gain (Loss)			Current Year		Increase				Instruments'					
		Prior Fair	Ending Fair	in Full	Fair Value		Increase	Change in	(Decrease)				Current Fair					
		Value in Full	Value in Full	Contract	Gain (Loss)		(Decrease)	the Hedged	in VM-21		<b>Current Year</b>		Value	Hedge Gain				
		Contract	Contract	Cash Flows	in Hedged	<b>Current Year</b>	in VM-21	Item	Liability		Fair Value	Current Year	Fluctuation	(Loss) in			<b>Current Year</b>	
		Cash Flows	Cash Flows	Attributed to	Item	Increase	Liability	Attributed to	Attributed to		Fluctuation	Natural	Not	Current Year	Current Year	<b>Current Year</b>	Total	Ending
		Attributed to	Attributed to	Interest	Attributed to	(Decrease)	Attributed to	Hedged Risk	Hedged	Prior	of the	Offset to	Attributed to	Deferred	Prescribed	Additional	Deferred	Deferred
		Interest	Interest	Rates	Hedged	in VM-21	Interest	Percentage	Risk	Deferred	Hedge	VM-21	Hedged	Adjustment	Deferred	Deferred	Amortization	Balance
Identifier	Description	Rates	Rates	(4-3)	Risk	Liability	Rates	(6(5)	(8*9)	Balance	Instruments	Liability	Risk	[12-(13+14)]	Amortization	Amortization	(16+17)	(11+15+18)
								\										
								<i></i>										
			<b>-</b>															
Total								XXX										
TUIAI								^^^										

## **SCHEDULE DL - PART 1** SECURITIES LENDING COLLATERAL ASSETS Reinvested Collateral Assets Owned Current Statement Date

1	es lending collateral assets reported in aggregate on L 2	3	4 NAIC Designation and	5	6	7
CUSIP	Description	Codo	Administrative	Fair Value	Book/Adjusted	Maturity Data
Identification	Description Description	Code	Symbol	Fair Value	Carrying Value	Maturity Date
	- U.S. Government Bonds			0	0	XXX
	- All Other Government Bonds			0	0	XXX
	- U.S. States, Territories and Possessions Bonds			0	0	XXX
	- U.S. Political Subdivisions Bonds			0	0	XXX
	- U.S. Special Revenues Bonds			0	0	XXX
	- Industrial and Miscellaneous (Unaffiliated) Bonds			0	0	XXX
	- Hybrid Securities			0	0	XXX
	- Parent, Subsidiaries and Affiliates Bonds			0	0	XXX
	otal - SVO Identified Funds			0	0	XXX
	otal - Unaffiliated Bank Loans			0	0	XXX
	- Issuer Obligations			0	0	XXX
	- Residential Mortgage-Backed Securities			0	0	XXX
	- Commercial Mortgage-Backed Securities			0	0	XXX
	- Other Loan-Backed and Structured Securities			0	0	XXX
	- SVO Identified Funds			0	0	XXX
	- Affiliated Bank Loans			0	0	XXX
	- Unaffiliated Bank Loans			0	0	XXX
7099999. Total				0	0	XXX
	- Preferred Stocks (Schedule D, Part 2, Section 1 type)			0	0	XXX
	- Common Stocks (Schedule D, Part 2, Section 2 type)			0	0	XXX
8099999. Total	- Preferred and Common Stocks BMO_CN_16CHICAGOBANK OF MONTREAL (CHICAGO) - USD			0	0	XXX
6367B-GT-0	BMO_CN_1@CHICAGOBANK OF MONTREAL (CHICAGO) - USD			8,071,680	8,075,000	03/17/2021
3606B-6U-5 3606C-6U-3	CM_CN_10NEWYORKCANADIAN IMP BK COMM NY - USD				6,975,000 3,075,000	10/08/2020
3050P-JH-3	SEBA_SS_1@NEWYORKSKANDINAVISKA_ENSKILDA_BANKEN_A - USD			5 723 484	5,725,000	11/23/2020
3050P-JR-1	SEBA_SS_1@NEWYORKSKANDINAVISKA ENSKILDA BANKEN A - USD					11/10/2020
6960L-AQ-3	SHBA_SS_1SVENSKA HANDELSBANKEN AB 42DIB - USD			6,375,125		11/10/2020
9236T-GP-4	TOYOTA_JPTOYOTA MOTOR CREDIT CORP - USD			7,424,927	7,425,000	10/23/2020
6130A-DX-3	WBC_AU®NEWYORKWESTPAC BANKING CORP (NEW YORK) - USD					10/28/2020
5253M-NB-6	- Short-Term Invested Assets (Schedule DA type)  ANZ_AU1AUST & NZ BANKING GROUP CPIB 1 USD			47,522,605	47,525,000 4,925,000	XXX 08/28/2020
6370R-Y5-2	RMO CN 1@CHICAGORANK OF MONTREAL (CHICAGO) - USD			3 575 666		08/26/2020
6417M-AU-9	BNS_CN_1@HOUSTONBANK OF NOVA SCOTIA (HOUSTON) - USD			4, 151, 101	4, 150, 000	08/14/2020
6417M-FB-6	BNS_CN_1@HOUSTONBANK OF NOVA SCOTIA (HOUSTON) - USD			1,950,580	1,950,472	08/20/2020
5586F-AK-3	BNP_FP@NEWYORKBNP_PARIBAS (NEW YORK) - USD					08/07/2020
5586F-CF-2 3606B-4W-3	BNP_FP@NEWYORKBNP PARIBAS NEW YORK - USD					08/14/2020 08/07/2020
0271E-RE-1	CBA_AU@NEWYORKCOMMONWEALTH BANK OF AUSTRALIA - USD			7 075 333		07/09/2020
2532X-ML-9	ACA_FP_1@NEWYORKCREDIT AGRICOLE CIB NY USD			5,801,377		08/07/2020
2549L-UH-6	SVBZK_SW_1@NEWYORKCREDIT SUISSE AG (NEW YORK) - USD			7,076,486	7,075,728	08/07/2020
6640E-JY-5	JPM_30JP MORGAN SECURITIES LLC CPIB 1 - USD				6,450,000	07/08/2020
3946B-FB-2 3946B-EZ-0	LLOYLLOYDS BANK PLC - USD					09/08/2020
3946B-EU-1	LLOYLLOYDS BANK PLC CPIB 1.7% 06/24 - 03D				7,200,000	08/24/2020
0683B-YS-6	MTFG_JP_6@NEWYORKMITSUBISHI UFJ TRUST AND BANKIN - USD			1,300,108		08/10/2020
0710A-K2-7	MIZUHO_3@NEWYORKMIZUHO BANK LTD/NY - USD			8,501,881	8,500,000	08/05/2020
0710A-KE-1	MIZUHO_3@NEWYORKMIZUHO_BANK_LTD/NY - USD			3,700,265	3,700,000	08/10/2020
0710A-JV-5 3307N-EW-3	MIZUHO_3@NEWYORKMIZUHO BANK LTD (NEW YORK) USD				3,450,000 6,775,000	07/30/2020 07/16/2020
3873N-5Z-0	NA_CN_INATIONAL BANK OF CANADA - USD     KNFP_1@NEWYORKNATIXIS NY BRANCH - USD					09/04/2020
5602V-ZL-3	NORZ_JP_1@NEWYORKNORINCHUKIN BANK (NY) - USD			1,124,897		08/27/2020
9034C-JJ-8	OCBC_SP_10VERSEA-CHINESE BANKING CORP LT - USD			1,900,454		
3050P-HY-8	SEBA_SS_1@NEWYORKSKANDINAV ENSKILDA BK NY - USD			3,400,547	3,400,056	08/06/2020
3369Y-5X-0	SOCGEN®NEWYORKSOCIETE GENERALE SA (NEW YORK) - USD				8,475,000	07/27/2020
6565B-5U-1 6565B-5Y-3	SUMIBK_3@NEWYORKSUMITOMO MITSUI BANKING CURP (N - USD			5,400,516 8,025,656		07/29/2020
6565B-7J-4	SUMIBK_3@NEWYORKSUMITOMO MITSUI BANK NY - USD			1,400,098	1,400,000	08/25/2020
9114N-FW-0	TD_CN_Z@NEW YORKTORONTO-DOMINION BANK (NEW YORK - USD			7,650,563	7,650,000	07/21/2020
4988J-5Y-9	WFC_2WELLS FARGO BANK NA - USD			6,774,868	6,775,000	07/15/2020
9248U-70-0	BLACKROCKFUNDSBLACKROCK LIQUID FED FUNDS USD			13,686,000	13,686,000	07/01/2020
8141W-27-3 1747C-70-7	FGTXXGOLDMAN SACHS FIN SQ GOVT-FS - USD			13,686,000		07/01/2020 07/01/2020
05015-85-7	BZREPOBARC A (T Bills, Notes, Bonds & - USD			106,569,238	106,569,238	07/01/2020
05015-87-0	MERREPOBOFA A (T Bills, Notes, Bonds & - USD			100,000,000	100,000,000	07/01/2020
05015-86-6	DAIWAREPODAIWA A (T Bills, Notes, Bonds - USD			24,207,343	24,207,343	07/01/2020
47250-66-9	MERREPOMERRILL IG (BBB Corps) - USD			10,170,000	10,170,000	08/04/2020
9199999. Total	- Cash Equivalents (Schedule E Part 2 type)			437,501,528 485,024,133	437,480,837	XXX
999999 - Tota					485,005,837	XXX

222222	g - Tulais
General	Interrogatories:

Genera	Il Interrogatories:		
1.	Total activity for the year	Fair Value \$(155,849,839)	) Book/Adjusted Carrying Value \$(155,824,822)
2.	Average balance for the year	Fair Value \$	Book/Adjusted Carrying Value \$
3.	Reinvested securities lending co	ollateral assets book/adjusted carrying	g value included in this schedule by NAIC designation:
	NAIC 1 \$485,005,837 NA	AIC 2 \$ NAIC 3 \$	0 NAIC 4 \$

## **SCHEDULE DL - PART 2** SECURITIES LENDING COLLATERAL ASSETS Reinvested Collateral Assets Owned Current Statement Date Lassets included on Schedules A. B. BA. D. DB and F. and not reported in aggregate on

1	2	3	4 NAIC	5	6	7
CUSIP dentification	Description	Code	Designation and Administrative Symbol	Fair Value	Book/Adjusted Carrying Value	Maturity Date
 199999 - Totals						XXX

Genera	ii iiiterrogatories.			
1.	Total activity for the year	Fair Value \$	Book/Adjusted Carrying Value \$	
2.	Average balance for the year	Fair Value \$	Book/Adjusted Carrying Value \$	

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

		Month	End Depository	Balances				
1	2	3	4	5		lance at End of Eacuring Current Quart		9
			Amount of	Amount of	6	7	8	
			Interest Received	Interest Accrued	-			
		Rate of	During Current	at Current				
Depository	Code		Quarter	Statement Date	First Month	Second Month	Third Month	*
Bank of America, N.A Charlotte, NC		0.000	0	0	9,040,319	12,656,950	11,360,240	XXX.
Citibank, N.A Sioux Falls, SD			562	0	403,469	406,471		XXX.
JPMorgan Chase Bank, N.A Columbus, OH		0.000	0	0	25,710,205	(6,978,597)	13,444,333	.XXX.
PNC Bank, N.A Wilmington, DE			0	0	403,774,209	511,811,014	245,766,901	xxx.
The Bank of New York Mellon New York, NY		0.010	1,386	0	25,499,797	27,047,279	30,933,690	xxx.
Wells Fargo Bank, N.A Sioux Falls, SD		0.000	0	0	14, 158, 217	7,312,279	7,982,545	xxx.
0199998. Deposits in 1 depositories that do not exceed the allowable limit in any one depository (See					200	244	007	
instructions) - Open Depositories	XXX		0	0	909	944	907	XXX
0199999. Totals - Open Depositories	XXX	XXX	1,948	0	478,587,126	552,256,340	309,488,616	XXX
0299998. Deposits in 0 depositories that do not exceed the allowable limit in any one depository (See instructions) - Suspended Depositories	XXX	xxx	0	0	0	0	0	XXX
, , ,		XXX	0	0	0	0	0	
0299999. Totals - Suspended Depositories	XXX		1,948	0	478.587.126	552,256,340	309,488,616	XXX
0399999. Total Cash on Deposit	XXX	XXX	,		4/0,30/,120		309,400,010	XXX
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX	U	0	U	XXX
	ļ							ļ
	ļ 							

1,948

0599999. Total - Cash

478,587,126

552,256,340

309,488,616 XXX

## SCHEDULE E - PART 2 - CASH EQUIVALENTS Show Investments Owned End of Current Quarter

	Show Investments Owned End of Current Quarter											
1	2	3	4	5	6	7 Pook/Adjusted	8 Amount of Interest	9 Amount Received				
CUSIP	Description	Code	Date Acquired	Rate of Interest	Maturity Date	Book/Adjusted Carrying Value	Due and Accrued	During Year				
					·							
					·····							
					••••••							
8899999 - Tota	l Cash Equivalents	1		h	• • • • • • • • • • • • • • • • • • • •							