



QUARTERLY STATEMENT

As of June 30, 2019

of the Condition and Affairs of the

FACTORY MUTUAL INSURANCE COMPANY

NAIC Group Code.....0065, 0065 (Current Period) (Prior Period)	NAIC Company Code..... 21482	Employer's ID Number..... 05-0316605
Organized under the Laws of RI	State of Domicile or Port of Entry RI	Country of Domicile US
Incorporated/Organized..... October 31, 1835	Commenced Business..... October 31, 1835	
Statutory Home Office	270 Central Avenue .. Johnston .. RI .. US .. 02919-4949 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	
Main Administrative Office	270 Central Avenue .. Johnston .. RI .. US .. 02919-4949 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	401-275-3000 <i>(Area Code) (Telephone Number)</i>
Mail Address	P.O. Box 7500 .. Johnston .. RI .. US .. 02919-0750 <i>(Street and Number or P. O. Box) (City or Town, State, Country and Zip Code)</i>	
Primary Location of Books and Records	270 Central Avenue .. Johnston .. RI .. US .. 02919-4949 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	401-275-3000 <i>(Area Code) (Telephone Number)</i>
Internet Web Site Address	www.fmglobal.com	
Statutory Statement Contact	Michael Gariglio <i>(Name)</i> michael.gariglio@fmglobal.com <i>(E-Mail Address)</i>	401-415-1892 <i>(Area Code) (Telephone Number) (Extension)</i> 401-946-8306 <i>(Fax Number)</i>

OFFICERS

Name	Title	Name	Title
1. Thomas Alan Lawson	Chairman & Chief Executive Officer	2. Jonathan Irving Mishara	Senior Vice President & Secretary
3. Kevin Scott Ingram	Executive Vice President & Chief Financial Officer	4. Denise Anastasia Hebert	Vice President & Treasurer

OTHER

Bret Nils Ahnell	Executive Vice President	Malcolm Craig Roberts	Executive Vice President
Christopher Johnson	Executive Vice President	Sanjay Chawla	Senior Vice President
Michael Robert Turner	Executive Vice President	Deanna Ruth Fidler	Senior Vice President

DIRECTORS OR TRUSTEES

Frank Thomas Connor	Daniel Lee Knotts	Thomas Alan Lawson	John Anderson Luke Jr
Gracia Catherine Martore	Christine Mary McCarthy	Stuart Blain Parker	Israel Ruiz
Michel Giannuzzi	Glenn Rodney Landau	David Thomas Walton	

State of..... Rhode Island
County of..... Providence

The officers of this reporting entity being duly sworn, each depose and say that they are the described officers of said reporting entity, and that on the reporting period stated above, all of the herein described assets were the absolute property of the said reporting entity, free and clear from any liens or claims thereon, except as herein stated, and that this statement, together with related exhibits, schedules and explanations therein contained, annexed or referred to, is a full and true statement of all the assets and liabilities and of the condition and affairs of the said reporting entity as of the reporting period stated above, and of its income and deductions therefrom for the period ended, and have been completed in accordance with the NAIC *Annual Statement Instructions and Accounting Practices and Procedures* manual except to the extent that: (1) state law may differ; or, (2) that state rules or regulations require differences in reporting not related to accounting practices and procedures, according to the best of their information, knowledge and belief, respectively. Furthermore, the scope of this attestation by the described officers also includes the related corresponding electronic filing with the NAIC, when required, that is an exact copy (except for formatting differences due to electronic filing) of the enclosed statement. The electronic filing may be requested by various regulators in lieu of or in addition to the enclosed statement.

_____ (Signature) Thomas Alan Lawson 1. (Printed Name) Chairman & Chief Executive Officer (Title)	_____ (Signature) Jonathan Irving Mishara 2. (Printed Name) Senior Vice President & Secretary (Title)	_____ (Signature) Kevin Scott Ingram 3. (Printed Name) Executive Vice President & Chief Financial Officer (Title)
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Subscribed and sworn to before me
This 9th day of August 2019
John A. Soares III Notary Public
Expires July 5, 2021

a. Is this an original filing? Yes [X] No []
b. If no: 1. State the amendment number _____
2. Date filed _____
3. Number of pages attached _____

ASSETS

	Current Statement Date			4 December 31 Prior Year Net Admitted Assets
	1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	
1. Bonds.....	5,000,950,533		5,000,950,533	4,873,958,080
2. Stocks:				
2.1 Preferred stocks.....			0	
2.2 Common stocks.....	9,988,909,861		9,988,909,861	8,871,941,461
3. Mortgage loans on real estate:				
3.1 First liens.....			0	
3.2 Other than first liens.....			0	
4. Real estate:				
4.1 Properties occupied by the company (less \$.....0 encumbrances).....			0	
4.2 Properties held for the production of income (less \$.....0 encumbrances).....			0	
4.3 Properties held for sale (less \$.....0 encumbrances).....			0	
5. Cash (\$.....356,821,542), cash equivalents (\$.....557,115,059) and short-term investments (\$.....11,735,734).....	925,672,335		925,672,335	1,118,505,925
6. Contract loans (including \$.....0 premium notes).....			0	
7. Derivatives.....			0	
8. Other invested assets.....	1,892,418,070		1,892,418,070	1,935,851,394
9. Receivables for securities.....	20,542,715		20,542,715	1,181,574
10. Securities lending reinvested collateral assets.....	46,313,709		46,313,709	44,850,175
11. Aggregate write-ins for invested assets.....	0	0	0	0
12. Subtotals, cash and invested assets (Lines 1 to 11).....	17,874,807,223	0	17,874,807,223	16,846,288,609
13. Title plants less \$.....0 charged off (for Title insurers only).....			0	
14. Investment income due and accrued.....	55,673,151		55,673,151	55,064,905
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection.....	1,252,086,370	51,460,747	1,200,625,623	647,895,680
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$.....0 earned but unbilled premiums).....			0	
15.3 Accrued retrospective premiums (\$.....0) and contracts subject to redetermination (\$.....0).....			0	
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers.....	142,050,521		142,050,521	183,019,335
16.2 Funds held by or deposited with reinsured companies.....	18,619,836		18,619,836	35,639,794
16.3 Other amounts receivable under reinsurance contracts.....			0	
17. Amounts receivable relating to uninsured plans.....			0	
18.1 Current federal and foreign income tax recoverable and interest thereon.....	130,166,160		130,166,160	241,118,948
18.2 Net deferred tax asset.....			0	
19. Guaranty funds receivable or on deposit.....	163,751		163,751	167,220
20. Electronic data processing equipment and software.....	36,643,649	33,772,165	2,871,484	3,153,590
21. Furniture and equipment, including health care delivery assets (\$.....0).....	54,493,847	54,493,847	0	
22. Net adjustment in assets and liabilities due to foreign exchange rates.....			0	
23. Receivables from parent, subsidiaries and affiliates.....	158,226,325	29,670,633	128,555,692	204,252,154
24. Health care (\$.....0) and other amounts receivable.....			0	
25. Aggregate write-ins for other than invested assets.....	400,740,467	160,634,746	240,105,721	247,422,215
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 through 25).....	20,123,671,300	330,032,138	19,793,639,162	18,464,022,450
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts.....			0	
28. Total (Lines 26 and 27).....	20,123,671,300	330,032,138	19,793,639,162	18,464,022,450

DETAILS OF WRITE-INS

1101.....			0	
1102.....			0	
1103.....			0	
1198. Summary of remaining write-ins for Line 11 from overflow page.....	0	0	0	0
1199. Totals (Lines 1101 thru 1103 plus 1198) (Line 11 above).....	0	0	0	0
2501. Pension asset.....	92,242,026	92,242,026	0	
2502. CSV life insurance.....	112,750,219		112,750,219	109,287,480
2503. Cash clearing accounts.....	119,412,489		119,412,489	127,662,474
2598. Summary of remaining write-ins for Line 25 from overflow page.....	76,335,733	68,392,720	7,943,013	10,472,261
2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....	400,740,467	160,634,746	240,105,721	247,422,215

LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Losses (current accident year \$.....715,908,199).....	3,148,051,032	3,690,194,572
2. Reinsurance payable on paid losses and loss adjustment expenses.....	112,218,392	236,321,920
3. Loss adjustment expenses.....	194,592,254	206,218,372
4. Commissions payable, contingent commissions and other similar charges.....		
5. Other expenses (excluding taxes, licenses and fees).....	520,505,758	477,105,244
6. Taxes, licenses and fees (excluding federal and foreign income taxes).....	11,808,550	19,512,893
7.1 Current federal and foreign income taxes (including \$.....0 on realized capital gains (losses)).....		
7.2 Net deferred tax liability.....	358,246,976	231,246,867
8. Borrowed money \$.....0 and interest thereon \$.....0.....		
9. Unearned premiums (after deducting unearned premiums for ceded reinsurance of \$.....675,710,796 and including warranty reserves of \$.....0 and accrued accident and health experience rating refunds including \$.....0 for medical loss ratio rebate per the Public Health Service Act).....	1,663,661,308	1,419,350,044
10. Advance premium.....	417,533	692,701
11. Dividends declared and unpaid:		
11.1 Stockholders.....		
11.2 Policyholders.....		
12. Ceded reinsurance premiums payable (net of ceding commissions).....	490,730,881	302,608,389
13. Funds held by company under reinsurance treaties.....	5,655,625	5,727,485
14. Amounts withheld or retained by company for account of others.....	9,924,320	10,517,459
15. Remittances and items not allocated.....	580,276	53,250,531
16. Provision for reinsurance (including \$.....945,000 certified).....	138,188,600	138,188,600
17. Net adjustments in assets and liabilities due to foreign exchange rates.....	240,555,197	260,858,391
18. Drafts outstanding.....		
19. Payable to parent, subsidiaries and affiliates.....		
20. Derivatives.....		
21. Payable for securities.....	80,608,238	10,945,544
22. Payable for securities lending.....	46,313,709	44,850,175
23. Liability for amounts held under uninsured plans.....		
24. Capital notes \$.....0 and interest thereon \$.....0.....		
25. Aggregate write-ins for liabilities.....	84,688,740	115,166,740
26. Total liabilities excluding protected cell liabilities (Lines 1 through 25).....	7,106,747,389	7,222,755,927
27. Protected cell liabilities.....		
28. Total liabilities (Lines 26 and 27).....	7,106,747,389	7,222,755,927
29. Aggregate write-ins for special surplus funds.....	0	0
30. Common capital stock.....		
31. Preferred capital stock.....		
32. Aggregate write-ins for other than special surplus funds.....	1,250,000	1,250,000
33. Surplus notes.....		
34. Gross paid in and contributed surplus.....		
35. Unassigned funds (surplus).....	12,685,641,773	11,240,016,523
36. Less treasury stock, at cost:		
36.1 .....0.000 shares common (value included in Line 30 \$.....0).....		
36.2 .....0.000 shares preferred (value included in Line 31 \$.....0).....		
37. Surplus as regards policyholders (Lines 29 to 35, less 36).....	12,686,891,773	11,241,266,523
38. Totals (Page 2, Line 28, Col. 3).....	19,793,639,162	18,464,022,450

DETAILS OF WRITE-INS

2501. Miscellaneous accounts payable.....	61,018,426	91,496,426
2502. SSAP 92 defined benefit plan contra liability.....	(3,136,000)	(3,136,000)
2503. Deferred ceding commissions.....	26,806,314	26,806,314
2598. Summary of remaining write-ins for Line 25 from overflow page.....	0	0
2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....	84,688,740	115,166,740
2901.		
2902.		
2903.		
2998. Summary of remaining write-ins for Line 29 from overflow page.....	0	0
2999. Totals (Lines 2901 thru 2903 plus 2998) (Line 29 above).....	0	0
3201. Guaranty funds.....	1,250,000	1,250,000
3202.		
3203.		
3298. Summary of remaining write-ins for Line 32 from overflow page.....	0	0
3299. Totals (Lines 3201 thru 3203 plus 3298) (Line 32 above).....	1,250,000	1,250,000

STATEMENT OF INCOME

	1 Current Year to Date	2 Prior Year to Date	3 Prior Year Ended December 31
UNDERWRITING INCOME			
1. Premiums earned:			
1.1 Direct..... (written \$.....1,794,028,637).....	1,551,439,261	1,355,156,443	2,836,957,324
1.2 Assumed..... (written \$.....868,776,866).....	736,594,575	744,442,827	1,517,430,948
1.3 Ceded..... (written \$.....887,186,678).....	756,726,276	683,924,778	1,401,506,065
1.4 Net..... (written \$.....1,775,618,825).....	1,531,307,560	1,415,674,492	2,952,882,207
DEDUCTIONS:			
2. Losses incurred (current accident year \$.....975,819,052):			
2.1 Direct.....	782,242,959	883,468,182	2,679,482,547
2.2 Assumed.....	337,713,634	277,335,429	855,329,884
2.3 Ceded.....	386,035,320	247,774,983	370,950,139
2.4 Net.....	733,921,273	913,028,628	3,163,862,292
3. Loss adjustment expenses incurred.....	47,789,266	43,210,706	123,053,610
4. Other underwriting expenses incurred.....	447,764,531	470,260,334	896,119,142
5. Aggregate write-ins for underwriting deductions.....	0	0	0
6. Total underwriting deductions (Lines 2 through 5).....	1,229,475,070	1,426,499,668	4,183,035,044
7. Net income of protected cells.....			
8. Net underwriting gain (loss) (Line 1 minus Line 6 + Line 7).....	301,832,490	(10,825,176)	(1,230,152,837)
INVESTMENT INCOME			
9. Net investment income earned.....	135,235,040	134,041,681	288,891,584
10. Net realized capital gains (losses) less capital gains tax of \$.....83,180,000.....	312,911,172	238,687,276	604,595,070
11. Net investment gain (loss) (Lines 9 + 10).....	448,146,212	372,728,957	893,486,654
OTHER INCOME			
12. Net gain or (loss) from agents' or premium balances charged off (amount recovered \$.....0 amount charged off \$.....340,184).....	(340,184)	(158,263)	(331,923)
13. Finance and service charges not included in premiums.....			
14. Aggregate write-ins for miscellaneous income.....	2,024,941	(13,027,562)	(5,502,720)
15. Total other income (Lines 12 through 14).....	1,684,757	(13,185,825)	(5,834,643)
16. Net income before dividends to policyholders, after capital gains tax and before all other federal and foreign income taxes (Lines 8 + 11 + 15).....	751,663,459	348,717,956	(342,500,826)
17. Dividends to policyholders.....			
18. Net income, after dividends to policyholders, after capital gains tax and before all other federal and foreign income taxes (Line 16 minus Line 17).....	751,663,459	348,717,956	(342,500,826)
19. Federal and foreign income taxes incurred.....	85,129,434	18,382,796	(165,705,412)
20. Net income (Line 18 minus Line 19) (to Line 22).....	666,534,025	330,335,160	(176,795,414)
CAPITAL AND SURPLUS ACCOUNT			
21. Surplus as regards policyholders, December 31 prior year.....	11,241,266,523	12,501,777,004	12,501,777,004
22. Net income (from Line 20).....	666,534,025	330,335,160	(176,795,414)
23. Net transfers (to) from Protected Cell accounts.....			
24. Change in net unrealized capital gains or (losses) less capital gains tax of \$.....111,662,000.....	798,062,585	(134,420,675)	(1,137,963,340)
25. Change in net unrealized foreign exchange capital gain (loss).....	14,412,541	(15,070,370)	(40,458,312)
26. Change in net deferred income tax.....	(15,337,743)	7,270,413	68,597,801
27. Change in nonadmitted assets.....	60,947,436	(176,283,394)	(22,765,284)
28. Change in provision for reinsurance.....			3,732,047
29. Change in surplus notes.....			
30. Surplus (contributed to) withdrawn from protected cells.....			
31. Cumulative effect of changes in accounting principles.....			
32. Capital changes:			
32.1 Paid in.....			
32.2 Transferred from surplus (Stock Dividend).....			
32.3 Transferred to surplus.....			
33. Surplus adjustments:			
33.1 Paid in.....			
33.2 Transferred to capital (Stock Dividend).....			
33.3 Transferred from capital.....			
34. Net remittances from or (to) Home Office.....			
35. Dividends to stockholders.....			
36. Change in treasury stock.....			
37. Aggregate write-ins for gains and losses in surplus.....	(78,993,594)	202,311,953	45,142,021
38. Change in surplus as regards policyholders (Lines 22 through 37).....	1,445,625,250	214,143,087	(1,260,510,481)
39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38).....	12,686,891,773	12,715,920,091	11,241,266,523

DETAILS OF WRITE-INS

0501.			
0502.			
0503.			
0598. Summary of remaining write-ins for Line 5 from overflow page.....	0	0	0
0599. Totals (Lines 0501 thru 0503 plus 0598) (Line 5 above).....	0	0	0
1401. Miscellaneous (expense) income.....	(487,274)	(9,975)	37,073
1402. Balances recovered (charged off).....	10,535	(7,297)	(40,412)
1403. Gain (loss) on foreign exchange.....	2,501,680	(13,010,290)	(5,499,381)
1498. Summary of remaining write-ins for Line 14 from overflow page.....	0	0	0
1499. Totals (Lines 1401 thru 1403 plus 1498) (Line 14 above).....	2,024,941	(13,027,562)	(5,502,720)
3701. SSAP 102 and SSAP 92 amortization / actuarial (losses) gains.....	(78,993,594)	202,311,953	45,142,021
3702.			
3703.			
3798. Summary of remaining write-ins for Line 37 from overflow page.....	0	0	0
3799. Totals (Lines 3701 thru 3703 plus 3798) (Line 37 above).....	(78,993,594)	202,311,953	45,142,021

Statement for June 30, 2019 of the **FACTORY MUTUAL INSURANCE COMPANY**
CASH FLOW

	1 Current Year to Date	2 Prior Year To Date	3 Prior Year Ended December 31
CASH FROM OPERATIONS			
1. Premiums collected net of reinsurance.....	1,416,388,701	1,324,162,261	3,057,423,700
2. Net investment income.....	149,834,373	180,734,289	405,028,790
3. Miscellaneous income.....	1,684,757	(13,185,825)	(5,834,643)
4. Total (Lines 1 through 3).....	1,567,907,831	1,491,710,725	3,456,617,847
5. Benefit and loss related payments.....	1,355,155,915	895,990,899	2,664,062,237
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts.....			
7. Commissions, expenses paid and aggregate write-ins for deductions.....	471,480,275	550,970,653	1,059,385,089
8. Dividends paid to policyholders.....			
9. Federal and foreign income taxes paid (recovered) net of \$.....0 tax on capital gains (losses).....	57,356,646	(12,921,730)	(252,699,896)
10. Total (Lines 5 through 9).....	1,883,992,836	1,434,039,822	3,470,747,430
11. Net cash from operations (Line 4 minus Line 10).....	(316,085,005)	57,670,903	(14,129,583)
CASH FROM INVESTMENTS			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds.....	1,238,415,088	1,022,221,145	2,161,924,826
12.2 Stocks.....	1,335,144,598	627,171,505	1,824,295,969
12.3 Mortgage loans.....			
12.4 Real estate.....			
12.5 Other invested assets.....	118,601,030	88,477,261	133,321,826
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments.....	125,092	(29,656)	(60,384)
12.7 Miscellaneous proceeds.....	69,662,695	12,168,054	524,045
12.8 Total investment proceeds (Lines 12.1 to 12.7).....	2,761,948,503	1,750,008,309	4,120,006,282
13. Cost of investments acquired (long-term only):			
13.1 Bonds.....	1,364,709,403	1,139,983,042	2,579,761,742
13.2 Stocks.....	1,178,361,162	583,110,195	1,117,186,122
13.3 Mortgage loans.....			
13.4 Real estate.....			
13.5 Other invested assets.....	65,025,242	51,210,716	129,047,841
13.6 Miscellaneous applications.....	19,361,141	3,361,557	1,394,915
13.7 Total investments acquired (Lines 13.1 to 13.6).....	2,627,456,948	1,777,665,510	3,827,390,620
14. Net increase or (decrease) in contract loans and premium notes.....			
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14).....	134,491,555	(27,657,201)	292,615,662
CASH FROM FINANCING AND MISCELLANEOUS SOURCES			
16. Cash provided (applied):			
16.1 Surplus notes, capital notes.....			
16.2 Capital and paid in surplus, less treasury stock.....			
16.3 Borrowed funds.....			
16.4 Net deposits on deposit-type contracts and other insurance liabilities.....			
16.5 Dividends to stockholders.....			
16.6 Other cash provided (applied).....	(11,240,140)	(226,296,852)	(190,033,244)
17. Net cash from financing and miscellaneous sources (Lines 16.1 through 16.4 minus Line 16.5 plus Line 16.6).....	(11,240,140)	(226,296,852)	(190,033,244)
RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS			
18. Net change in cash, cash equivalents and short-term investments (Line 11 plus Line 15 plus Line 17).....	(192,833,590)	(196,283,150)	88,452,835
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year.....	1,118,505,925	1,030,053,090	1,030,053,090
19.2 End of period (Line 18 plus Line 19.1).....	925,672,335	833,769,940	1,118,505,925

Note: Supplemental disclosures of cash flow information for non-cash transactions:

20.0001			
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NOTES TO FINANCIAL STATEMENTS**Note 1 – Summary of Significant Accounting Policies and Going Concern****A. Accounting Practices (required NAIC disclosure regardless of whether there is any significant change)**

The accompanying financial statements of Factory Mutual Insurance Company ("Company") have been prepared on the basis of accounting practices prescribed or permitted by the Rhode Island Division of Insurance.

The state of Rhode Island requires insurance companies domiciled in the state of Rhode Island to prepare their statutory financial statements in accordance with the National Association of Insurance Commissioner' (NAIC) Accounting Practices and Procedures Manual subject to any deviations prescribed or permitted by the Rhode Island Division of Insurance. The Company has no state prescribed or permitted practices.

	SSAP #	F/S Page	F/S Line #	Current Year to Date	2018
NET INCOME					
(1) The Company state basis (Page 4, Line 20, Columns 1 & 3)	XXX	XXX	XXX	\$ 666,534,025	\$ (176,795,414)
(2) State Prescribed Practice that are an increase/(decrease) from NAIC SAP				\$ -	\$ -
(3) State Permitted Practice that are an increase/(decrease) from NAIC SAP				\$ -	\$ -
(4) NAIC SAP (1 – 2 – 3 = 4)	XXX	XXX	XXX	\$ 666,534,025	\$ (176,795,414)
SURPLUS					
(5) The Company state basis (Page 3, line 37, Columns 1 & 2)	XXX	XXX	XXX	\$ 12,686,891,773	\$ 11,241,266,523
(6) State Prescribed Practice that are an increase/(decrease) from NAIC SAP				\$ -	\$ -
(7) State Permitted Practice that are an increase/(decrease) from NAIC SAP				\$ -	\$ -
(8) NAIC SAP (5 – 6 – 7 = 8)	XXX	XXX	XXX	\$ 12,686,891,773	\$ 11,241,266,523

B. Use of Estimates

No significant changes.

C. Accounting Policy

(1) No significant changes.

(2) Basis for Bonds, Mandatory Convertible Securities, SVO-Identified Investments and Amortization Method **(required NAIC disclosure regardless of whether there is any significant change)**

Non loan-backed bonds with NAIC designations 1 or 2 are stated at amortized cost using the interest method. Non loan-backed bonds with NAIC designations of 3 through 6 are stated at the lower of amortized value or fair value. See paragraph 6 for loan-backed and structured securities.

(3) - (5)

No significant changes.

(6) Basis for Loan-Backed Securities and Adjustment Methodology **(required NAIC disclosure regardless of whether there is any significant change)**

U.S. government agency loan-backed and structured securities are valued at amortized value. Other loan-backed and structured securities are valued at either amortized value or fair value, depending on many factors including: the type of underlying collateral, whether modeled by NAIC vendor, whether rated (by either NAIC approved rating organization or NAIC Securities Valuation Office), and relationship of amortized value to par value and amortized value to fair value.

(7) - (13)

No significant changes.

D. Going Concern (required NAIC disclosure regardless of whether there is any significant change)

Based upon its evaluation of relevant conditions and events, management has concluded that the Company will continue as going concern.

Note 2 – Accounting Changes and Corrections of Errors

Not applicable.

Note 3 – Business Combinations and Goodwill

Not applicable.

Note 4 – Discontinued Operations

Not applicable.

NOTES TO FINANCIAL STATEMENTS**Note 5 – Investments**

A. Mortgage Loans, including Mezzanine Real Estate Loans

No significant changes.

B. Debt Restructuring

No significant changes.

C. Reverse Mortgages

No significant changes.

D. Loan-Backed Securities **(required NAIC disclosure regardless of whether there is any significant change)**

(1) Description of Sources Used to Determine Prepayment Assumptions

Loan-backed bonds and structured securities are valued at amortized cost using the constant interest rate method, and using an effective yield based on current prepayment assumptions obtained from Bloomberg, rather than anticipated prepayments at the date of purchase. Prepayment assumptions are reviewed periodically and updated in response to changes in market interest rates.

(2) Securities with Recognized Other-Than-Temporary Impairment

Not applicable.

(3) Recognized OTTI securities

Not applicable.

(4) All impaired securities (fair value is less than cost or amortized cost) for which an other-than-temporary impairment has not been recognized in earnings as a realized loss (including securities with a recognized other-than-temporary impairment for non-interest related declines when a non-recognized interest related impairment remains):

a. The aggregate amount of unrealized losses:	1. Less than 12 Months	\$	-
	2. 12 Months or Longer	\$	196,898
b. The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$	-
	2. 12 Months or Longer	\$	20,673,466

(5) Information Investor Considered in Reaching Conclusion that Impairments are Not Other-Than-Temporary

All loan-backed and structured securities in an unrealized loss position were reviewed to determine whether other-than-temporary impairments should be recognized. The Company asserts that it has the intent and ability to hold these securities long enough to allow the cost basis of these securities to be recovered. These conclusions are supported by a detailed analysis of the underlying credit and cash flows of each security. Unrealized losses are primarily attributable to credit spread widening and increased liquidity discounts. It is possible that the Company could recognize other-than-temporary impairments in the future on some of the securities, if future events, information and the passage of time causes it to conclude that declines in value are other-than temporary.

E. Dollar Repurchase Agreements and/or Securities Lending Transactions

(1) Policies Requiring Collateral

No significant changes.

(2) Collateral Pledged

No significant changes.

(3) Collateral Received

a. Aggregate Amount of Cash Collateral Received

No significant changes.

b. The fair value of that collateral and of the portion of that collateral that it has sold or repledged **(required NAIC disclosure regardless of whether there is any significant change)**

\$ 46,313,709

c. Information About Sources and Uses of Collateral

No significant changes.

(4) Aggregate Value of the Reinvested Collateral

No significant changes.

(5) Collateral Reinvestment

a. Aggregate Amount of Cash Collateral Reinvested

No significant changes.

NOTES TO FINANCIAL STATEMENTS

Note 5 – Investments (continued from preceding page)

b. Explanation of Additional Sources of Liquidity for Maturity Date Mismatches

No significant changes.

(6) Detail on Collateral Transactions Not Permitted by Contract or Custom to Sell or Repledge

No significant changes.

(7) Collateral for Securities Lending Transactions that Extend Beyond One Year From the Reporting Date

No significant changes.

F. Repurchase Agreements Transactions Accounted for as Secured Borrowing **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

H. Repurchase Agreements Transactions Accounted for as a Sale **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

I. Reverse Repurchase Agreements Transactions Accounted for as a Sale **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

J. Real Estate

Not applicable.

K. Low-Income Housing Tax Credits (LIHTC)

Not applicable.

L. Restricted Assets

No significant changes.

M. Working Capital Finance Investments **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

N. Offsetting and Netting of Assets and Liabilities **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

O. Structured Notes

Not applicable.

P. 5GI* Securities

Not applicable.

Q. Short Sales

Not applicable.

R. Prepayment Penalty and Acceleration Fees

No significant changes.

Note 6 – Joint Ventures, Partnerships and Limited Liability Companies

Not applicable.

Note 7 – Investment Income

No significant changes.

Note 8 – Derivative Instruments (required NAIC disclosure regardless of whether there is any significant change)

Not applicable.

NOTES TO FINANCIAL STATEMENTS**Note 9 – Income Taxes**

No significant changes.

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

Not applicable.

Note 11 – Debt

A. Debt Including Capital Notes

Not applicable.

B. FHLB (Federal Home Loan Bank) Agreements (required NAIC disclosure regardless of whether there is any significant change)

Not applicable.

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

A. Defined Benefit Plan

(1) - (3)

No significant changes.

(4) Components of Net Periodic Benefit Cost (required NAIC disclosure regardless of whether there is any significant change)

	Pension Benefits		Postretirement Benefits		Special or Contractual Benefits per SSAP No. 11	
	Current Year to Date	2018	Current Year to Date	2018	Current Year to Date	2018
a. Service cost	\$ 31,224,830	\$ 72,128,000	\$ 774,386	\$ 1,814,000	\$ -	\$ -
b. Interest cost	54,557,179	98,177,000	3,430,876	7,488,000	-	-
c. Expected return on plan assets	(88,178,269)	(179,621,000)	(4,157,725)	(9,728,000)	-	-
d. Transition asset or obligation	(57,373)	(118,000)		1,749,000	-	-
e. Gains and losses	11,863,923	40,086,000	1,690,976	2,582,000	-	-
f. Prior service cost or credit	69,072	139,000	(1,823,122)	4,492,000	-	-
g. Gain or loss recognized due to a settlement curtailment	-	5,565,000	-	-	-	-
h. Total net periodic benefit cost	\$ 9,479,362	\$ 36,356,000	\$ (84,609)	\$ 8,397,000	\$ -	\$ -

(5) - (21)

No significant changes.

B. Description of Investment Policies

No significant changes.

C. Fair Value of Plan Assets

No significant changes.

D. Rate of Return Assumptions

No significant changes.

E. Defined Contribution Plans

No significant changes.

F. Multiemployer Plans

Not applicable.

G. Consolidated/Holding Company Plans

No significant changes.

H. Postemployment Benefits and Compensated Absences

No significant changes.

I. Impact of Medicare Modernization Act on Postretirement Benefits

No significant changes.

NOTES TO FINANCIAL STATEMENTS

Note 13 – Capital and Surplus, Shareholder's Dividend Restrictions and Quasi-Reorganizations

No significant changes.

Note 14 – Liabilities, Contingencies and Assessments

No significant changes.

Note 15 – Leases

Not applicable.

Note 16 – Information about Financial Instruments with Off-Balance Sheet Risk and Financial Instruments with Concentrations of Credit Risk

Not applicable.

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

A. Transfers of Receivables Reported as Sales

Not applicable.

B. Transfer and Servicing of Financial Assets

(1) Loaned Securities

No significant changes.

(2) Servicing Assets and Servicing Liabilities **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

(3) Servicing Assets and Liabilities Subsequently Measured at Fair Value

Not applicable.

(4) Securitizations, Asset-Based Financing Arrangements and Similar Transfers Accounted for as Sales **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

(5) Transfers of Financial Assets Accounted for as Secured Borrowing

Not applicable.

(6) Transfers of Receivables with Recourse

Not applicable.

(7) Repurchase Agreements

Not applicable.

C. Wash Sales **(required NAIC disclosure regardless of whether there is any significant change)**

Not applicable.

Note 18 – Gain or Loss to the Reporting Entity from Uninsured Plans and the Portion of Partially Insured Plans

Not applicable.

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

Not applicable.

NOTES TO FINANCIAL STATEMENTS**Note 20 – Fair Value Measurements (required NAIC disclosure regardless of whether there is any significant change)**

A. Fair Value Measurements

(1) Fair Value Measurements at Reporting Date

The Company categorizes its invested assets that are measured at fair value into the three-level fair value hierarchy or designates certain invested assets as carried at net asset value (NAV). Item 4 provides a discussion of each of these categories.

Description for Each Type of Asset or Liability	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at Fair Value					
Bonds	\$ -	\$ 84,780,685	\$ -	\$ -	\$ 84,780,685
Common Stocks - Industrial & Miscellaneous	\$ 4,787,388,491	\$ -	\$ -	\$ -	\$ 4,787,388,491
Common Stocks - Mutual Funds	\$ 1,066,178,654	\$ -	\$ -	\$ -	\$ 1,066,178,654
Money Market Mutual Funds	\$ -	\$ -	\$ -	\$ 458,275,513	\$ 458,275,513
Total	\$ 5,853,567,145	\$ 84,780,685	\$ -	\$ 458,275,513	\$ 6,396,623,343
Liabilities at Fair Value					
	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -

(2) Fair Value Measurements in (Level 3) of the Fair Value Hierarchy

The Company has no assets measured at fair value in the Level 3 category.

(3) Policies when Transfers Between Levels are Recognized

At the end of each reporting period, the Company evaluates whether or not any event has occurred or circumstances have changed that would cause an instrument to be transferred into or out of Level 3. The Company has no assets measured at fair value in the Level 3 category.

(4) Description of Valuation Techniques and Inputs Used in Fair Value Measurement

The valuation techniques required by the Fair Value Measurements guidance (SSAP 100) are based upon observable and unobservable inputs. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect market assumptions.

These two types of inputs create the following fair value hierarchy:

Level 1 Quoted prices for identical instruments in active markets

Level 2 Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations whose inputs are observable or whose significant value drivers are observable

Level 3 Significant inputs to the valuation model are unobservable

The Company elects to use NAV for all money market mutual funds in lieu of fair value as NAV is more readily available. These funds are backed by high quality, very liquid short-term instruments and the probability is remote that the funds would be sold for a value other than NAV.

The Company retains independent pricing vendors to assist in valuing invested assets when the prices are not available from the SVO.

When available, the Company uses quoted market prices to determine the fair value of investment securities, and they are included in Level 1.

When quoted market prices are unavailable, the Company uses quotes from independent pricing vendors based on recent trading activity and other relevant information, including market interest rate curves, referenced credit spreads and estimated prepayment rates, where applicable. These investments are included in Level 2 and are primarily comprised of fixed income securities which are NAIC rated 3 or below.

In infrequent circumstances, the pricing is not available from the pricing vendor and is based on significant unobservable inputs. In those circumstances, the investment security is classified in Level 3. There are no Level 3 investments at reporting date.

(5) Fair Value Disclosures

Not applicable.

B. Fair Value Reporting under SSAP 100 and Other Accounting Pronouncements

Not applicable.

C. Fair Value Level

The table below reflects the fair value and admitted values of all admitted values of all admitted assets and liabilities that are financial instruments. The fair values are also categorized into the three-level fair value hierarchy as described in Note 20A.

Type of Financial Instrument	Aggregate Fair Value	Admitted Assets	(Level 1)	(Level 2)	(Level 3)	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Bonds	\$5,175,581,558	\$5,000,950,533	\$ -	\$5,000,950,533	\$ -	\$ -	\$ -
Common Stocks	\$5,853,567,145	\$5,853,567,145	\$5,853,567,145	\$ -	\$ -	\$ -	\$ -
Cash and Cash Equivalents	\$ 925,672,336	\$ 925,672,336	\$ 467,396,823	\$ -	\$ -	\$ 458,275,513	\$ -
Securities Lending Reinvested Collateral Assets	\$ 46,313,709	\$ 46,313,709	\$ 46,313,709	\$ -	\$ -	\$ -	\$ -
Total	\$12,001,134,748	\$11,826,503,723	\$6,367,277,677	\$5,000,950,533	\$ -	\$ 458,275,513	\$ -

NOTES TO FINANCIAL STATEMENTS

Note 20 – Fair Value Measurements (required NAIC disclosure regardless of whether there is any significant change) (continued from preceding page)

D. Not Practicable to Estimate Fair Value

Not applicable.

E. NAV Practical Expedient Investments

The Company elects to use NAV for all money market mutual funds in lieu of fair value as NAV is more readily available. These funds are backed by high quality, very liquid short-term instruments and the probability is remote that the funds would be sold for a value other than NAV.

Note 21 – Other Items

Not applicable.

Note 22 – Events Subsequent

No significant changes.

Note 23 – Reinsurance

No significant changes.

Note 24 – Retrospectively Rated Contracts and Contracts Subject to Redetermination

A-E. Not applicable.

F. Risk Sharing Provisions of the Affordable Care Act (required NAIC disclosure regardless of whether there is any significant change)

Not applicable.

Note 25 – Change in Incurred Losses and Loss Adjustment Expenses (required NAIC disclosure regardless of whether there is any significant change)

No significant changes.

Note 26 – Intercompany Pooling Arrangements

No significant changes.

Note 27 – Structured Settlements

Not applicable.

Note 28 – Health Care Receivables

Not applicable.

Note 29 – Participating Policies

Not applicable.

Note 30 – Premium Deficiency Reserves

No significant changes.

Note 31 – High Deductibles

Not applicable.

Note 32 – Discounting of Liabilities for Unpaid Losses or Unpaid Loss Adjustment Expenses

Not applicable.

Note 33 – Asbestos/Environmental Reserves

No significant changes.

Note 34 – Subscriber Savings Accounts

Not applicable.

Note 35 – Multiple Peril Crop Insurance

Not applicable.

NOTES TO FINANCIAL STATEMENTS

Note 36 – Financial Guaranty Insurance

A. Financial Guarantee Insurance Contracts

Not applicable.

B. Schedule of Insured Financial Obligations at the End of the Period (required NAIC disclosure regardless of whether there is any significant change)

Not applicable.

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

GENERAL

- 1.1 Did the reporting entity experience any material transactions requiring the filing of Disclosure of Material Transactions with the State of Domicile, as required by the Model Act? 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 charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity? Yes [] No [X]
- 2.2 If yes, date of change: _____
- 3.1 Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which 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 chart since the prior quarter end? Yes [] No [X]
- 3.3 If the response to 3.2 is yes, provide a brief description of those changes.

- 3.4 Is the reporting entity publicly traded or a member of a publicly traded group? Yes [] No [X]
- 3.5 If the response to 3.4 is yes, provide the CIK (Central Index Key) code issued by the SEC for the entity/group. _____

- 4.1 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 for the annual filing corresponding to this period. Yes [] No [X]
- 4.2 If yes, provide name of entity, NAIC Company Code, and state of domicile (use two letter state abbreviation) for any entity that has ceased to exist as a result of the merger or consolidation.

1 Name of Entity	2 NAIC Company Code	3 State of Domicile

5. If the reporting entity is subject to a management agreement, including third-party administrator(s), managing general agent(s), attorney-in-fact, or similar agreement, have there been any significant changes regarding the terms of the agreement or principals involved? If yes, attach an explanation. Yes [] No [] N/A [X]

- 6.1 State as of what date the latest financial examination of the reporting entity was made or is being made. 12/31/2017
- 6.2 State the as of date that the latest financial examination report became available from either the state of domicile or the reporting entity. This date should be the date of the examined balance sheet and not the date the report was completed or released. 12/31/2017
- 6.3 State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance sheet date). 12/08/2018

6.4 By what department or departments?
Rhode Island Division of Insurance

- 6.5 Have all financial statement adjustments within the latest financial examination report been accounted for in a subsequent financial statement filed with Departments? Yes [] No [] N/A [X]
- 6.6 Have all of the recommendations within the latest financial examination report been complied with? Yes [] No [] N/A [X]
- 7.1 Has this reporting entity had any Certificates of Authority, licenses or registrations (including corporate registration, if applicable) suspended or 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 with the Federal Reserve Board? Yes [] No [X]
- 8.2 If response to 8.1 is yes, please identify the name of the bank holding company.

- 8.3 Is the company affiliated with one or more banks, thrifts or securities firms? Yes [] No [X]

8.4 If the response to 8.3 is yes, please provide below the names and location (city and state of the main office) of any affiliates regulated by a federal regulatory services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptroller of the Currency (OCC), the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC)] and identify the affiliate's primary federal regulator].

1 Affiliate Name	2 Location (City, State)	3 FRB	4 OCC	5 FDIC	6 SEC

- 9.1 Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions) of the reporting entity subject to a code of ethics, which includes the following standards? Yes [X] No []
- (a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships;
 - (b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting 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
 - (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]

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? Yes [] No [X]

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

9.31 If the response to 9.3 is Yes, provide the nature of any waiver(s).

FINANCIAL

10.1 Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement? Yes No
 10.2 If yes, indicate any amounts receivable from parent included in the Page 2 amount: \$ 0

INVESTMENT

11.1 Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available for use by another person? (Exclude securities under securities lending agreements.) Yes No
 11.2 If yes, give full and complete information relating thereto:
 12. Amount of real estate and mortgages held in other invested assets in Schedule BA: \$ 1,071,019,504
 13. Amount of real estate and mortgages held in short-term investments: \$ 0
 14.1 Does the reporting entity have any investments in parent, subsidiaries and affiliates? Yes No

14.2 If yes, please complete the following:

14.21 Bonds
 14.22 Preferred Stock
 14.23 Common Stock
 14.24 Short-Term Investments
 14.25 Mortgage Loans on Real Estate
 14.26 All Other
 14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)
 14.28 Total Investment in Parent included in Lines 14.21 to 14.26 above

	1 Prior Year End Book/Adjusted Carrying Value		2 Current Quarter Book/Adjusted Carrying Value
\$	0	\$	0
	0		0
	3,478,005,825		4,135,342,716
	0		0
	0		0
	1,071,502,414		1,071,019,504
\$	4,549,508,239	\$	5,206,362,220
\$	0	\$	0

15.1 Has the reporting entity entered into any hedging transactions reported on Schedule DB? Yes No
 15.2 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state? Yes No
 If no, attach a description with this statement.

16. For the reporting entity's security lending program, state the amount of the following as of current statement date:

16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 46,313,709
 16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 46,313,709
 16.3 Total payable for securities lending reported on the liability page: \$ 46,313,709

17. Excluding items in Schedule E-Part 3-Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F. Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC *Financial Condition Examiners Handbook*? Yes No

17.1 For all agreements that comply with the requirements of the NAIC *Financial Condition Examiners Handbook*, complete the following:

1 Name of Custodian(s)	2 Custodian Address
JP Morgan Worldwide Securities Services	383 Madison Avenue New York, NY 10179
RBC Investor Services	200 Bay Street, Toronto, Ontario, Canada

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

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

17.3 Have there been any changes, including name changes, in the custodian(s) identified in 17.1 during the current quarter? Yes No

17.4 If yes, give full and complete information relating thereto:

1 Old Custodian	2 New Custodian	3 Date of Change	4 Reason

GENERAL INTERROGATORIES**PART 1 - COMMON INTERROGATORIES**

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

1 Name of Firm or Individual	2 Affiliation
Sanjay Chawla SVP, Chief Investment Officer	I
Daniel Richards VP, Portfolio Mgr Fixed Income	I
Scott Anthony, VP Sector Portfolio Mgr Fixed Income	I
Alliance Bernstein L.P.	U
Standish Mellon Asset Management	U
GCM Grosvenor LLC	U
Morgan Stanley & Co. LLC	U
Goldman Sachs Asset Management, L.P.	U
Blackrock Financial Management Inc	U
Pacific Investment Management Company LLC	U
Tudor Investment Corporation	U
The Blackstone Group L.P.	U
Abry Partners II, LLC	U
Carlyle Investment Management LLC	U
Fortress Investment Group LLC	U
Lexington Partners L.P.	U
Oaktree Capital Management L.P.	U
Arrowstreet Int'l Equity ACWI EX US TR FD	U
Citadel Wellington	U
Ardian Co	U
Apollo	U
Dyal Capital Partners IV LP	U
Warburg Pincus Global Growth XIII	U

- 17.5097 For those firms/individuals listed in the table for Question 17.5, do any firms/individuals unaffiliated with the reporting entity (i.e., designated with a "U") manage more than 10% of the reporting entity's assets? Yes No
- 17.5098 For firms/individuals unaffiliated with the reporting entity (i.e., designated with a "U") listed in the table for Question 17.5, does the total assets under management aggregate to more than 50% of the reporting entity's assets? Yes No
- 17.6 For those firms or individuals listed in the table for 17.5 with an affiliation code of "A" (affiliated) or "U" (unaffiliated), provide the information for the table below.

1 Central Registration Depository Number	2 Name of Firm or Individual	3 Legal Entity Identifier (LEI)	4 Registered With	5 Investment Management Agreement (IMA) Filed
108477	Alliance Bernstein L.P.	0JK55UGWSWNF3X7KLQ85	SEC	DS
113972	Standish Mellon Asset Management	ME7YUCK4NF1W8VM8SP25	SEC	DS
169155	GCM Grosvenor LLC	549300PT67J6DFJCA91	SEC	DS
8209	Morgan Stanley & Co. LLC	6N8SC06AK49F0N7K1X52	SEC	DS
107738	Goldman Sachs Asset Management, L.P.	CF5M58QA35CFPUX70H17	SEC	DS
107105	Blackrock Financial Management Inc	549300LVXY1VJKE13M84	SEC	DS
104559	Pacific Investment Management Company LLC	549300KGPYQZXGMYYN38	SEC	DS
159792	Tudor Investment Corporation	D6Y7N0U4YOKL2C5BLN13	SEC	DS
17917	The Blackstone Group L.P.	5299004LW4QWGWZUB8Y96	SEC	DS
161154	Abry Partners II, LLC	5493008DUET1UHALQU71	SEC	DS
111128	Carlyle Investment Management LLC	549300MVJ5FAYQX68835	SEC	DS
129010	Fortress Investment Group LLC	VZ3406RQQDQ6P5Q17K28	SEC	DS
147281	Lexington Partners L.P.	549300QI48TIDZJCR212	SEC	DS
106793	Oaktree Capital Management L.P.	JOAJT0QKF9HWWVYTX5K56	SEC	DS
111298	Arrowstreet Int'l Equity ACWI EX US TR FD		SEC	DS
27376	Citadel Wellington	Y5AN8E4TPK79T3GVFF35	SEC	DS
121326	Ardian Co	549004QNJ0OEMFZ1Q24	SEC	DS
143158	Apollo	5493004UBP55J1YLCL14	SEC	DS
284175	Dyal Capital Partners IV LP	549300NWQQVOXMYKAQ32	SEC	DS
156945	Warburg Pincus Global Growth XIII	5493007VPCEXSWQS1868	SEC	DS

- 18.1 Have all the filing requirements of the *Purposes and Procedures Manual of the NAIC Investment Analysis Office* been followed? Yes No
- 18.2 If no, list exceptions:
19. By self-designating 5GI securities, the reporting entity is certifying the following elements for each self-designated 5*GI security:
- Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.
 - Issuer or obligor is current on all contracted interest and principal payments.
 - The insurer has an actual expectation of ultimate payment of all contracted interest and principal.
- Has the reporting entity self-designated 5GI securities? Yes No
20. By self-designating PLGI securities, the reporting entity is certifying the following elements for each self-designated PLGI security:
- The security was purchased prior to January 1, 2018.
 - The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
 - The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.
 - The reporting entity is not permitted to share this credit rating of the PL security with the SVO.
- Has the reporting entity self-designated PLGI securities? Yes No

GENERAL INTERROGATORIES (continued)**PART 2 – PROPERTY & CASUALTY INTERROGATORIES**

1. If the reporting entity is a member of a pooling arrangement, did the agreement or the reporting entity's participation change? Yes [] No [X] N/A []
If yes, attach an explanation.
2. Has the reporting entity reinsured any risk with any other reporting entity and agreed to release such entity from liability, in whole or in part, from any loss that may occur on the risk, or portion thereof, reinsured? Yes [] No [X]
If yes, attach an explanation.
- 3.1 Have any of the reporting entity's primary reinsurance contracts been canceled? Yes [] No [X]
- 3.2 If yes, give full and complete information thereto:

- 4.1 Are any of the liabilities for unpaid losses and loss adjustment expenses other than certain workers' compensation tabular reserves (see *Annual Statement Instructions* pertaining to disclosure of discounting for definition of "tabular reserves,") discounted at a rate of interest greater than zero? Yes [] No [X]

- 4.2 If yes, complete the following schedule:

1 Line of Business	2 Maximum Interest	3 Disc. Rate	Total Discount				Discount Taken During Period			
			4 Unpaid Losses	5 Unpaid LAE	6 IBNR	7 Total	8 Unpaid Losses	9 Unpaid LAE	10 IBNR	11 Total
	0.000	0.000	0	0	0	0	0	0	0	0
Total	XXX	XXX	0	0	0	0	0	0	0	0

5. Operating Percentages:
- 5.1 A&H loss percent 0.000%
- 5.2 A&H cost containment percent 0.000%
- 5.3 A&H expense percent excluding cost containment expenses 0.000%
- 6.1 Do you act as a custodian for health savings accounts? Yes [] No [X]
- 6.2 If yes, please provide the amount of custodial funds held as of the reporting date. \$ 0
- 6.3 Do you act as an administrator for health savings accounts? Yes [] No [X]
- 6.4 If yes, please provide the amount of funds administered as of the reporting date. \$ 0
7. Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states? Yes [X] No []
- 7.1 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 []

SCHEDULE F - CEDED REINSURANCE

Showing All New Reinsurers - Current Year to Date

1 NAIC Company Code	2 ID Number	3 Name of Reinsurer	4 Domiciliary Jurisdiction	5 Type of Reinsurer	6 Certified Reinsurer Rating (1 through 6)	7 Effective Date of Certified Reinsurer Rating
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U.S. Insurers

10538.....	03-0308160.....	AMERICAN TRIUMVIRATE INSURANCE COMPANY (ATIC).....	VT.....	Unauthorized...
.....	61-1140366.....	DRISK INSURANCE INC.....	UT.....	Unauthorized...	.....	.....

All Other Insurers

.....	AA-3191390.....	CASTLE HARBOUR INUSRANCE LIMITED.....	BMU.....	Unauthorized...	.....	.....
.....	AA-3770336.....	HEXAGON INSURANCE COMPANY, LTD.....	CYM.....	Unauthorized...	.....	.....

FACTORY MUTUAL INSURANCE COMPANY

SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN

Current Year to Date - Allocated by States and Territories

States, Etc.	1 Active Status (a)	Direct Premiums Written		Direct Losses Paid (Deducting Salvage)		Direct Losses Unpaid	
		2 Current Year to Date	3 Prior Year to Date	4 Current Year to Date	5 Prior Year to Date	6 Current Year to Date	7 Prior Year to Date
1. Alabama.....AL.....L.....		26,499,054	18,039,627	3,002,602	5,113,531	6,028,380	3,782,035
2. Alaska.....AK.....L.....		1,352,005	2,272,703	331,011	478,600	1,348,277	459,998
3. Arizona.....AZ.....L.....		19,506,242	18,387,411	291,832	7,108,826	15,167,278	16,258,640
4. Arkansas.....AR.....L.....		11,183,427	7,978,256	7,047,622	6,233,764	47,126,115	25,202,103
5. California.....CA.....L.....		213,475,194	201,059,246	68,689,244	59,707,821	259,006,992	48,448,452
6. Colorado.....CO.....L.....		11,576,743	9,769,214	11,078,612	17,001,399	14,913,300	28,377,026
7. Connecticut.....CT.....L.....		13,381,008	10,723,293	3,929,264	2,109,979	22,265,841	14,621,949
8. Delaware.....DE.....L.....		1,640,774	1,120,524	589,693	23,909	524,912	3,328,329
9. District of Columbia.....DC.....L.....		4,700,141	3,824,129	10,578,687	30,353,516	36,859,204	66,259,998
10. Florida.....FL.....L.....		90,826,721	75,073,355	124,392,410	37,096,182	217,130,539	157,235,519
11. Georgia.....GA.....L.....		50,689,525	42,953,250	28,694,121	28,971,181	27,645,900	59,993,168
12. Hawaii.....HI.....L.....		6,069,847	6,623,382		222,208	367,625	32,065
13. Idaho.....ID.....L.....		8,539,713	5,026,084	1,903,280	772,362	947,832	
14. Illinois.....IL.....L.....		54,122,147	45,607,049	6,839,157	10,051,835	65,486,719	69,630,141
15. Indiana.....IN.....L.....		28,500,004	22,179,435	5,137,759	4,046,494	14,203,110	15,863,697
16. Iowa.....IA.....L.....		22,146,076	16,283,652	15,290,895	6,328,990	20,608,394	13,105,523
17. Kansas.....KS.....L.....		10,898,639	10,861,629	7,684,668	6,709,656	25,478,845	19,143,026
18. Kentucky.....KY.....L.....		43,049,861	35,702,859	20,660,674	4,933,896	20,247,285	34,548,078
19. Louisiana.....LA.....L.....		54,908,011	39,626,668	6,668,448	33,326,135	44,493,719	46,115,532
20. Maine.....ME.....L.....		11,347,945	5,291,640	2,148,785	52,418	1,896,901	2,788,833
21. Maryland.....MD.....L.....		12,988,585	11,383,005	6,097,109	2,760,718	31,647,866	24,440,078
22. Massachusetts.....MA.....L.....		30,917,783	27,483,822	11,391,647	5,670,228	44,223,924	21,457,804
23. Michigan.....MI.....L.....		23,569,113	21,185,921	9,422,915	1,667,629	18,980,394	29,287,525
24. Minnesota.....MN.....L.....		25,757,262	21,618,398	17,183,662	4,369,793	64,972,494	6,513,759
25. Mississippi.....MS.....L.....		18,245,138	14,988,307	276,933	705,385	12,192,011	5,770,577
26. Missouri.....MO.....L.....		19,788,622	16,080,829	3,798,220	6,788,413	13,219,613	6,940,940
27. Montana.....MT.....L.....		3,987,402	2,974,089	191,961	128,096		4,370,592
28. Nebraska.....NE.....L.....		6,552,643	5,269,317	(122,341)	3,528,604	16,114,919	1,431,589
29. Nevada.....NV.....L.....		18,358,836	15,116,510	(25,042)	14,928,974	4,427,601	21,511,639
30. New Hampshire.....NH.....L.....		2,922,418	2,867,385	710,662	2,474,517	3,389,449	1,448,299
31. New Jersey.....NJ.....L.....		26,755,316	19,535,034	55,324,572	2,353,608	296,070,459	33,401,841
32. New Mexico.....NM.....L.....		2,439,833	1,902,345	3,723,175	1,000,909	6,040,781	27,256,555
33. New York.....NY.....L.....		78,986,071	66,821,744	19,954,310	11,021,334	308,945,838	346,424,904
34. North Carolina.....NC.....L.....		51,267,599	47,659,684	23,099,095	14,768,566	67,223,671	20,534,047
35. North Dakota.....ND.....L.....		7,312,651	8,949,663	12,065,395	1,129,905	19,023,788	5,678,472
36. Ohio.....OH.....L.....		47,164,224	38,989,594	30,715,313	5,726,750	93,779,188	55,244,372
37. Oklahoma.....OK.....L.....		15,334,303	13,128,919	2,636,458	1,743,046	37,354,008	9,438,730
38. Oregon.....OR.....L.....		16,355,553	19,924,216	64,423	2,801,792	19,734,720	2,529,856
39. Pennsylvania.....PA.....L.....		48,606,553	45,580,426	38,526,152	20,376,652	77,421,701	68,314,397
40. Rhode Island.....RI.....L.....		3,065,184	2,516,350	3,162,415	2,000,374	4,060,902	5,680,503
41. South Carolina.....SC.....L.....		29,369,750	28,277,110	14,476,493	5,735,784	40,820,572	6,962,302
42. South Dakota.....SD.....L.....		4,733,294	3,676,701	1,617,112		7,214,794	1,265,151
43. Tennessee.....TN.....L.....		35,408,861	29,652,807	9,758,658	63,938,141	17,253,157	192,929,070
44. Texas.....TX.....L.....		136,712,903	126,589,724	82,836,308	93,035,614	220,918,011	396,828,239
45. Utah.....UT.....L.....		11,760,699	12,006,052	2,581,181	5,936,056	5,181,877	6,573,862
46. Vermont.....VT.....L.....		1,259,600	442,086	10,215	22,750	2,595,895	2,350,957
47. Virginia.....VA.....L.....		26,233,351	21,458,700	4,815,781	1,481,912	20,531,096	11,923,199
48. Washington.....WA.....L.....		25,115,544	31,016,134	6,678,785	8,059,252	9,678,711	16,372,368
49. West Virginia.....WV.....L.....		3,678,984	3,262,349	285,868	1,178,471	11,027,809	658,542
50. Wisconsin.....WI.....L.....		27,548,430	20,102,036	3,418,436	12,917,011	18,597,828	88,210,021
51. Wyoming.....WY.....L.....		4,736,934	3,996,408			5,090,581	
52. American Samoa.....AS.....N.....		110	105				
53. Guam.....GU.....L.....		49,658	96,047				
54. Puerto Rico.....PR.....L.....		10,444,632	11,661,651	71,651,523	66,883,144	257,537,215	544,847,689
55. US Virgin Islands.....VI.....L.....		163,508	138,331	8,626,321	2,450,000	1,022,802	9,723,289
56. Northern Mariana Islands.....MP.....L.....		8,745	9,067				
57. Canada.....CAN.....L.....		168,179,464	138,342,651	113,387,688	78,948,344	278,276,291	295,340,224
58. Aggregate Other Alien.....OT.....XXX.....		163,836,004	142,312,935	142,330,290	65,678,726	186,971,509	178,977,592
59. Totals.....XXX.....		1,794,028,637	1,555,419,858	1,025,630,457	772,853,200	3,063,288,645	3,075,833,096

DETAILS OF WRITE-INS

58001. AFG AFGHANISTAN.....XXX.....	74,700	32,600				
58002. DZA ALGERIA.....XXX.....	9,444	(121,275)				
58003. ATG ANTIGUA.....XXX.....	4,801	2,599				90,161
58998. Summary of remaining write-ins for Line 58 from overflow page.....XXX.....	163,747,059	142,399,011	142,330,290	65,678,726	186,971,509	178,887,431
58999. Totals (Lines 58001 thru 58003+ Line 58998) (Line 58 above).....XXX.....	163,836,004	142,312,935	142,330,290	65,678,726	186,971,509	178,977,592

(a) Active Status Count

L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG.....	56	R - Registered - Non-domiciled RRGs.....	0
E - Eligible - Reporting entities eligible or approved to write surplus lines in the state (other than their state of domicile - See DSLI).....	0	Q - Qualified - Qualified or accredited reinsurer.....	0
D - Domestic Surplus Lines Insurer (DSLI) - Reporting entities authorized to write surplus lines in the state of domicile.....	0	N - None of the above - Not allowed to write business in the state.....	1

Organizational Chart
June 30, 2019

Policyholders

Factory Mutual Insurance Company
NAIC 21482 Fed ID 05-0316605 RI
100% OWNERSHIP of all Subs

FM Insurance Company Limited
NAIC 00000 GBR
AIIN ID AA-1120610

FM Insurance Europe S.A.
NAIC 00000 LUX
AIIN ID AA-1370041

FM Approvals LLC
NAIC 00000 RI
Fed ID 05-0520189

FMRE Holdings LLC
NAIC 00000 DE
Fed ID 27-1439297

TSB Loss Control Consultants, Inc.
NAIC 00000 GA
Fed ID 58-2190659

FMIC Holdings, Inc.
NAIC 00000 RI
Fed ID 05-6009005

FM Global de Mexico S.A. de C.V.
NAIC 00000 MEX
AIIN ID AA-2730043

Factory Mutual Insurance Company
Escritorio de Representação No Brasil LTDA
NAIC 00000 BRA

FM Engineering International Limited
NAIC 00000 GBR

FM Approvals Limited
NAIC 00000 GBR

FM Approvals Europe Limited
NAIC 00000 IRL

FM Approvals Assessoria E Representação LTDA
NAIC 00000 BRA

Watch Hill Insurance Company
NAIC 00000 VT
Fed ID 20-2740839

Corporate Insurance Services, Inc.
NAIC 00000 RI
Fed ID 05-0453751

FM Global Servicios, S. de R.L. de C.V.
NAIC 00000 MEX

Appalachian Insurance Company
NAIC 10316 RI
Fed ID 05-0284861

FM Global Services LLC
NAIC 0000 RI
Fed ID 27-0433536

Affiliated FM Insurance Company
NAIC 10014 RI
Fed ID 05-0254496

Risk Engineering Insurance Company Limited
NAIC 00000 BMU
Fed ID 98-0131767

FM Engineering Egypt LLC
NAIC 0000 EGY

Two Ledgeмонт LLC
NAIC 00000 DE
Fed ID 37-1699077

95 Hayden Mezz Owner LLC
NAIC 00000 DE
Fed ID 46-0655775

95 Hayden LLC
NAIC 00000 DE
Fed ID 46-0627887

95 Hayden Lender LLC
NAIC 00000 DE
Fed ID 46-0639741

95 Hayden Mezz Lender LLC
NAIC 00000 DE
Fed ID 46-0644539

FM Global Services Colombia S.A.S.
NAIC 00000 COL

FM do Brasil Servicos de Prevencao de Perdas Ltda.
NAIC 00000 BRA

FM Engineering Consulting (Shanghai) Co Ltd
NAIC 00000 CHN

New Providence Mutual Limited
NAIC 00000 BMU

Hobbs Brook Management LLC
NAIC 00000 DE
Fed ID 04-3516897

Hobbs Brook Limited
NAIC 00000 GBR

601 Edgewater LLC
NAIC 00000 DE
Fed ID 04-3516901

275 Wyman LLC
NAIC 00000 DE
Fed ID 04-3516936

175 Wyman LLC
NAIC 00000 DE
Fed ID 20-8836334

Johnston Building LLC
NAIC 00000 DE
Fed ID 27-1439940

101 Edgewater LLC
NAIC 00000 DE
Fed ID 45-2766487

FMEC Legacy LLC
NAIC 00000 DE
Fed ID 27-1440057

265 Winter LLC
NAIC 00000 DE
Fed ID 20-2775533

3460 Preston Ridge LLC
NAIC 00000 DE
Fed ID 46-1609795

1301 Atwood LLC
NAIC 00000 DE
Fed ID 46-1737956

Hobbs Solar 1 LLC
NAIC 00000 DE
Fed ID 30-0871090

Hobbs Solar 4 LLC
NAIC 00000 DE
Fed ID 35-2566166

Hobbs Solar 5 LLC
NAIC 00000 DE
Fed ID 38-4085564

FM Asia Holdings Pte. Ltd.
NAIC 00000 SGP

93 Building LLC
NAIC 00000 DE
Fed ID 04-3516935

404 Wyman LLC
NAIC 00000 DE
Fed ID 04-3516903

610 Lincoln LLC
NAIC 00000 DE
Fed ID 04-3516902

Park Ridge Bldg LLC
NAIC 00000 DE
Fed ID 04-3516937

401 Edgewater LLC
NAIC 00000 DE
Fed ID 27-1169682

285 Central Ave LLC
NAIC 00000 RI
Fed ID 27-1595571

West Gloucester LLC
NAIC 00000 RI
Fed ID 27-1439297

Neponset River LLC
NAIC 00000 DE
Fed ID 04-3516938

245 Winter LLC
NAIC 00000 DE
Fed ID 27-1169682

81 Wyman LLC
NAIC 00000 DE
Fed ID 38-3942900

Hobbs Solar 2 LLC
NAIC 00000 DE
Fed ID 38-3982389

Hobbs Solar 3 LLC
NAIC 00000 DE
Fed ID 32-0486346

Green Street Plaza LLC
NAIC 00000 DE
Fed ID 30-0939299

343 Winter Bldg LLC
NAIC 00000 DE
Fed ID 30-0965702

Q1

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries or Affiliates	Domiciliary Location	Relationship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Required? (Y/N)	*
Members															
0065	Factory Mutual Insurance Company & its Affiliates..	21482...	05-0316605..				Factory Mutual Insurance Company.....	RI.....	RE.....					.....N.....	1..
0065	Factory Mutual Insurance Company & its Affiliates..	10014...	05-0254496..				Affiliated FM Insurance Company.....	RI.....	DS.....	FMIC Holdings, Inc.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	1..
0065	Factory Mutual Insurance Company & its Affiliates..	10316...	05-0284861..				Appalachian Insurance Company.....	RI.....	DS.....	FMIC Holdings, Inc.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	1..
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	AA-1120610..				FM Insurance Company Limited.....	GBR.....	DS.....	Factory Mutual Insurance Company.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....Y.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	98-0131767..				Risk Engineering Insurance Company Limited.....	BMU.....	DS.....	FMIC Holdings, Inc.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	AA-1370041..				FM Insurance Europe S.A.....	LUX.....	DS.....	Factory Mutual Insurance Company.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....Y.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	AA-2730043..				FM Global de Mexico S.A. de C.V.....	MEX.....	DS.....	Factory Mutual Insurance Company.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....Y.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	20-2740839..				Watch Hill Insurance Company.....	VT.....	DS.....	FMIC Holdings, Inc.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	05-0453751..				Corporate Insurance Services, Inc.....	RI.....	DS.....	FMIC Holdings, Inc.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...					New Providence Mutual Limited.....	BMU.....	DS.....	Risk Engineering Insurance Company Limited..	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...					Factory Mutual Insurance Company - Escritorio de Representação No Brasil LTDA.....	BRA.....	DS.....	Factory Mutual Insurance Company.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....Y.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	05-0520189..				FM Approvals LLC.....	RI.....	DS.....	Factory Mutual Insurance Company.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...					FM Engineering International Limited.....	GBR.....	DS.....	FM Insurance Company Limited.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...					FM Engineering Consulting (Shanghai) Co. Ltd.....	CHN.....	DS.....	FM Global Services LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...					FM Approvals Limited.....	GBR.....	DS.....	FM Approvals LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...					FM Approvals Assessoria E Representação LTDA.....	BRA.....	DS.....	FM Approvals LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	27-1439297..				FMRE Holdings LLC.....	DE.....	DS.....	Factory Mutual Insurance Company.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	58-2190659..				TSB Loss Control Consultants, Inc.....	GA.....	DS.....	Factory Mutual Insurance Company.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....Y.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	05-6009005..				FMIC Holdings, Inc.....	RI.....	DS.....	Factory Mutual Insurance Company.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....Y.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...					FM Global Servicios, S.de R.L. de C.V.....	MEX.....	DS.....	FMIC Holdings, Inc.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	27-0433536..				FM Global Services LLC.....	RI.....	DS.....	FMIC Holdings, Inc.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...					FM do Brasil Servicios de Prevencao de Perdas LTDA.....	BRA.....	DS.....	FM Global Services LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	04-3516902..				610 Lincoln LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	04-3516903..				404 Wyman LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	04-3516936..				275 Wyman LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	20-8836334..				175 Wyman LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	04-3516937..				Park Ridge Building LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	04-3516935..				93 Building LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	20-2775533..				265 Winter LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	27-1169682..				245 Winter LLC.....	DE.....	DS.....	265 Winter LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	27-1440057..				FMEC Legacy LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	04-3516938..				Neponset River LLC.....	DE.....	DS.....	FMEC Legacy LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	27-1439297..				West Gloucester LLC.....	RI.....	DS.....	FMEC Legacy LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	04-3516901..				601 Edgewater LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	27-1595571..				285 Central Avenue, LLC.....	RI.....	DS.....	FMRE Holdings LLC.....	Ownership.....	100.000	Factory Mutual Insurance Company.....	.....N.....	

Q12

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries or Affiliates	Domiciliary Location	Relationship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Required? (Y/N)	*
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	04-3516897..	.....	.....	.....	Hobbs Brook Management LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	.....	.....	.....	.....	Hobbs Brook Limited.....	GBR.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	45-2766487..	.....	.....	.....	101 Edgewater LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	27-1169682..	.....	.....	.....	401 Edgewater LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	27-1439940..	.....	.....	.....	Johnston Building LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	.....	.....	.....	.....	FM Global Services Colombia S.A.S.....	COL.....	DS.....	FM Global Services LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	37-1699077..	.....	.....	.....	Two Ledgemont LLC.....	DE.....	DS.....	95 Hayden Mezz Owner LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	46-0627887..	.....	.....	.....	95 Hayden LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	46-0639741..	.....	.....	.....	95 Hayden Lender LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	46-0655775..	.....	.....	.....	95 Hayden Mezz Owner LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	46-0644539..	.....	.....	.....	95 Hayden Mezz Lender LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	46-1609795..	.....	.....	.....	3460 Preston Ridge, LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	46-1737956..	.....	.....	.....	1301 Atwood LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	38-3942900..	.....	.....	.....	81 Wyman LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	30-0871090..	.....	.....	.....	Hobbs Solar 1 LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	38-3982389..	.....	.....	.....	Hobbs Solar 2 LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	32-0486346..	.....	.....	.....	Hobbs Solar 3 LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	.....	.....	.....	.....	FM Asia Holdings Pte. Ltd.....	SGP.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	30-0939299..	.....	.....	.....	Green Street Plaza LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	35-2566166..	.....	.....	.....	Hobbs Solar 4 LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	.....	.....	.....	.....	FM Engineering Egypt LLC.....	EGY.....	DS.....	FM Engineering International Limited.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	30-0965702..	.....	.....	.....	343 Winter Bldg LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	.....	.....	.....	.....	FM Approvals Europe Limited.....	IRL.....	DS.....	FM Approvals LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....
0000	Factory Mutual Insurance Company & its Affiliates..	00000...	38-4085564..	.....	.....	.....	Hobbs Solar 5 LLC.....	DE.....	DS.....	FMRE Holdings LLC.....	Ownership.....	...100.000	Factory Mutual Insurance Company....	.....N.....	.....

Q12.1

Aster	Explanation
1	Pool Participants: Factory Mutual Insurance Company (86%), Affiliated FM Insurance Company (12%), and Appalachian Insurance Company (2%).

FACTORY MUTUAL INSURANCE COMPANY

PART 1 - LOSS EXPERIENCE

Lines of Business	Current Year to Date			4 Prior Year to Date Direct Loss Percentage
	1 Direct Premiums Earned	2 Direct Losses Incurred	3 Direct Loss Percentage	
1. Fire.....	242,233,395	431,880,604	178.291	148.104
2. Allied lines.....	553,563,518	56,884,598	10.276	64.656
3. Farmowners multiple peril.....			0.000	
4. Homeowners multiple peril.....			0.000	
5. Commercial multiple peril.....			0.000	
6. Mortgage guaranty.....			0.000	
8. Ocean marine.....	111,182	625,787	562.849	413.409
9. Inland marine.....	456,990,328	237,689,672	52.012	47.200
10. Financial guaranty.....			0.000	
11.1. Medical professional liability - occurrence.....			0.000	
11.2. Medical professional liability - claims-made.....			0.000	
12. Earthquake.....			0.000	
13. Group accident and health.....			0.000	
14. Credit accident and health.....			0.000	
15. Other accident and health.....			0.000	
16. Workers' compensation.....			0.000	
17.1. Other liability-occurrence.....		(2,983,166)	0.000	
17.2. Other liability-claims made.....			0.000	
17.3. Excess workers' compensation.....			0.000	
18.1. Products liability-occurrence.....			0.000	
18.2. Products liability-claims made.....			0.000	
19.1, 19.2. Private passenger auto liability.....			0.000	
19.3, 19.4. Commercial auto liability.....			0.000	
21. Auto physical damage.....			0.000	
22. Aircraft (all perils).....		1,748,640	0.000	
23. Fidelity.....		(37,692)	0.000	
24. Surety.....			0.000	
26. Burglary and theft.....			0.000	
27. Boiler and machinery.....	298,540,838	56,434,516	18.903	29.503
28. Credit.....			0.000	
29. International.....			0.000	
30. Warranty.....			0.000	
31. Reinsurance-nonproportional assumed property.....	XXX	XXX	XXX	XXX
32. Reinsurance-nonproportional assumed liability.....	XXX	XXX	XXX	XXX
33. Reinsurance-nonproportional assumed financial lines.....	XXX	XXX	XXX	XXX
34. Aggregate write-ins for other lines of business.....	0	0	0.000	
35. Totals.....	1,551,439,261	782,242,959	50.420	65.193
DETAILS OF WRITE-INS				
3401.....			0.000	
3402.....			0.000	
3403.....			0.000	
3498. Sum. of remaining write-ins for Line 34 from overflow page.....	0	0	0.000	XXX
3499. Totals (Lines 3401 thru 3403 plus 3498) (Line 34).....	0	0	0.000	

PART 2 - DIRECT PREMIUMS WRITTEN

Lines of Business	1	2	3
	Current Quarter	Current Year to Date	Prior Year Year to Date
1. Fire.....	182,089,329	289,084,578	234,683,518
2. Allied lines.....	431,961,863	660,763,764	536,827,620
3. Farmowners multiple peril.....			
4. Homeowners multiple peril.....			
5. Commercial multiple peril.....			
6. Mortgage guaranty.....			
8. Ocean marine.....	87,843	110,216	206,367
9. Inland marine.....	319,023,031	508,983,062	475,368,810
10. Financial guaranty.....			
11.1. Medical professional liability - occurrence.....			
11.2. Medical professional liability - claims made.....			
12. Earthquake.....			
13. Group accident and health.....			
14. Credit accident and health.....			
15. Other accident and health.....			
16. Workers' compensation.....			
17.1. Other liability-occurrence.....			
17.2. Other liability-claims made.....			
17.3. Excess workers' compensation.....			
18.1. Products liability-occurrence.....			
18.2. Products liability-claims made.....			
19.1 19.2. Private passenger auto liability.....			
19.3 19.4. Commercial auto liability.....			
21. Auto physical damage.....			
22. Aircraft (all perils).....			
23. Fidelity.....			
24. Surety.....			
26. Burglary and theft.....			
27. Boiler and machinery.....	224,571,145	335,087,017	308,333,543
28. Credit.....			
29. International.....			
30. Warranty.....			
31. Reinsurance-nonproportional assumed property.....	XXX	XXX	XXX
32. Reinsurance-nonproportional assumed liability.....	XXX	XXX	XXX
33. Reinsurance-nonproportional assumed financial lines.....	XXX	XXX	XXX
34. Aggregate write-ins for other lines of business.....	0	0	0
35. Totals.....	1,157,733,211	1,794,028,637	1,555,419,858
DETAILS OF WRITE-INS			
3401.....			
3402.....			
3403.....			
3498. Sum. of remaining write-ins for Line 34 from overflow page.....	0	0	0
3499. Totals (Lines 3401 thru 3403 plus 3498) (Line 34).....	0	0	0

PART 3 (000 omitted)

LOSS AND LOSS ADJUSTMENT EXPENSE RESERVES SCHEDULE

	1	2	3	4	5	6	7	8	9	10	11	12	13
Years in Which Losses Occurred	Prior Year-End Known Case Loss and LAE Reserves	Prior Year-End IBNR Loss and LAE Reserves	Total Prior Year-End Loss and LAE Reserves (Cols. 1 + 2)	2019 Loss and LAE Payments on Claims Reported as of Prior Year-End	2019 Loss and LAE Payments on Claims Unreported as of Prior Year-End	Total 2019 Loss and LAE Payments (Cols. 4 + 5)	Q.S. Date Known Case Loss and LAE Reserves on Claims Reported and Open as of Prior Year-End	Q.S. Date Known Case Loss and LAE Reserves on Claims Reported or Reopened Subsequent to Prior Year-End	Q.S. Date IBNR Loss and LAE Reserves	Total Q.S. Loss and LAE Reserves (Cols. 7 + 8 + 9)	Prior Year-End Known Case Loss and LAE Reserves Developed (Savings)/Deficiency (Cols. 4 + 7 minus Col. 1)	Prior Year-End IBNR Loss and LAE Reserves Developed (Savings)/Deficiency (Cols. 5 + 8 + 9 minus Col. 2)	Prior Year-End Total Loss and LAE Reserve Developed (Savings)/Deficiency (Cols. 11 + 12)
1. 2016 + Prior.....	122,772	584,445	707,217	22,565		22,565	92,914		572,338	665,252	(7,293)	(12,107)	(19,400)
2. 2017.....	932,219	115,365	1,047,584	403,759	623	404,382	485,987	714	85,888	572,589	(42,473)	(28,140)	(70,613)
3. Subtotals 2017 + Prior.....	1,054,991	699,810	1,754,801	426,324	623	426,947	578,901	714	658,226	1,237,841	(49,766)	(40,247)	(90,013)
4. 2018.....	1,793,779	347,832	2,141,611	617,518	1,461	618,979	1,133,732	13,784	241,378	1,388,894	(42,529)	(91,209)	(133,738)
5. Subtotals 2018 + Prior.....	2,848,770	1,047,642	3,896,412	1,043,842	2,084	1,045,926	1,712,633	14,498	899,604	2,626,735	(92,295)	(131,456)	(223,751)
6. 2019.....	XXX	XXX	XXX	XXX	289,554	289,554	XXX	629,984	85,924	715,908	XXX	XXX	XXX
7. Totals.....	2,848,770	1,047,642	3,896,412	1,043,842	291,638	1,335,480	1,712,633	644,482	985,528	3,342,643	(92,295)	(131,456)	(223,751)
8. Prior Year-End's Surplus As Regards Policyholders	11,241,267												
											Col. 11, Line 7 As % of Col. 1, Line 7	Col. 12, Line 7 As % of Col. 2, Line 7	Col. 13, Line 7 As % of Col. 3, Line 7
											1. ....(3.2)%	2. ....(12.5)%	3. ....(5.7)%
													Col. 13, Line 7 Line 8
													4. ....(2.0)%

Q14

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 Supplement A to Schedule T (Medical Professional Liability Supplement) be filed with this statement?	NO
3. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
4. Will the Director and Officer Insurance Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO

Explanation:

1. The data for this supplement is not required to be filed.
2. The data for this supplement is not required to be filed.
3. The data for this supplement is not required to be filed.
4. The data for this supplement is not required to be filed.

Bar Code:



Overflow Page for Write-Ins

Additional Write-ins for Assets:

	Current Statement Date			4 December 31, Prior Year Net Admitted Assets
	1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	
2504. Prepaid expenses.....	53,946,409	53,946,409	0	
2505. CSV director compensation plan.....	4,739,487		4,739,487	4,707,148
2506. Miscellaneous receivable.....	5,576,200	2,372,674	3,203,526	5,765,113
2507. Intangible asset.....	12,073,637	12,073,637	0	
2597. Summary of remaining write-ins for Line 25.....	76,335,733	68,392,720	7,943,013	10,472,261

Additional Write-ins for Schedule T:

States, Etc.	1 Active Status (a)	Direct Premiums Written		Direct Losses Paid (Deducting Salvage)		Direct Losses Unpaid	
		2 Current Year to Date	3 Prior Year to Date	4 Current Year to Date	5 Prior Year to Date	6 Current Year to Date	7 Prior Year to Date
58004. ARG ARGENTINA.....	.XXX..	61,528	98,842				
58005. ABW ARUBA.....	.XXX..	11,448	6,185				
58006. AUS AUSTRALIA.....	.XXX..	69,974,058	69,415,811	15,531,400	17,148,352	137,474,442	72,934,773
58007. AUT AUSTRIA.....	.XXX..	159,943	121,831			107,100	
58008. AZE AZERBAIJAN.....	.XXX..	36,995	41,139				
58009. BHS BAHAMAS.....	.XXX..	91,551	77,823				
58010. BHR BAHRAIN.....	.XXX..	25,073	29,524				
58011. BGD BANGLADESH.....	.XXX..	99,552	113,412				
58012. BRB BARBADOS.....	.XXX..	64,944	38,730				10,607
58013. BLR BELARUS.....	.XXX..	61,706	54,958				
58014. BEL BELGIUM.....	.XXX..	139,551	72,254				
58015. BOL BOLIVIA.....	.XXX..	59,860	27,499				
58016. BRA BRAZIL.....	.XXX..	274,235	818,903			223,303	
58017. KHM CAMBODIA.....	.XXX..	18,431	19,411				
58018. CYM CAYMAN ISLANDS.....	.XXX..	11,391	7,655				
58019. CHL CHILE.....	.XXX..	118,924	183,141				
58020. CHN CHINA.....	.XXX..	10,382,372	5,752,067		321,683		1,563,716
58021. TWN CHINA - TAIWAN.....	.XXX..	2,156,915	1,754,354	80,000,000	35,000,000	21,600,000	46,311,215
58022. COL COLOMBIA.....	.XXX..	284,249	231,751		1,400		
58023. CRI COSTA RICA.....	.XXX..	206,384	218,231				
58024. CZE CZECH REPUBLIC.....	.XXX..	446,115	162,865				
58025. DNK DENMARK.....	.XXX..	55,696	18,511				
58026. DOM DOMINICAN REPUBLIC.....	.XXX..	433,884	241,111	1,223,639			
58027. ECU ECUADOR.....	.XXX..	133,943	115,275				
58028. EGY EGYPT.....	.XXX..	69,843	96,377			14,107,000	
58029. SLV EL SALVADOR.....	.XXX..	43,470	26,179				
58030. GNQ EQUATORIAL GUINEA.....	.XXX..	13,024	3,013				
58031. FIN FINLAND.....	.XXX..	252,542	108,105				
58032. FRA FRANCE.....	.XXX..	541,481	614,614		7,941,996	4,816,705	4,032,395
58033. GAB GABON.....	.XXX..	9,219	8,256				
58034. DEU GERMANY.....	.XXX..	2,249,429	1,369,446				
58035. GHA GHANA.....	.XXX..	30,922	13,834				
58036. GRC GREECE.....	.XXX..	87,368	17,921				
58037. GTM GUATEMALA.....	.XXX..	23,208	18,810				
58038. HTI HAITI.....	.XXX..	359,954	178,873				
58039. HND HONDURAS.....	.XXX..	19,646	20,554				
58040. HKG HONG KONG.....	.XXX..	16,326,503	13,213,240	417,868	26,637	2,655,096	66,528
58041. HUN HUNGARY.....	.XXX..	113,729	22,637				
58042. IND INDIA.....	.XXX..	1,411,338	1,323,279	376,330			266,091
58043. IDN INDONESIA.....	.XXX..	575,773	2,280,402				
58044. IRQ IRAQ.....	.XXX..	149,287	137,159				
58045. IRL IRELAND.....	.XXX..	1,480,247	1,392,077				
58046. ISR ISRAEL.....	.XXX..	186,459	252,995				
58047. ITA ITALY.....	.XXX..	514,231	379,176				
58048. JAM JAMAICA.....	.XXX..	66,730	48,246				
58049. JPN JAPAN.....	.XXX..	3,626,082	3,141,288			3,170,834	
58050. KAZ KAZAKHSTAN.....	.XXX..	14,720	34,453				
58051. KEN KENYA.....	.XXX..	19,128	16,888				
58052. KWT KUWAIT.....	.XXX..	36,137	32,325				
58053. KGZ KYRGYZSTAN.....	.XXX..	225,535	1,686				
58054. LAO LAOS.....	.XXX..	30,066	78,090				
58055. LBY LIBYA.....	.XXX..	24,595	14,151				
58056. MYS MALAYSIA.....	.XXX..	347,926	363,202		653,352		
58057. MTQ MARTINIQUE.....	.XXX..	816	1,200				10,607
58058. MEX MEXICO.....	.XXX..	5,383,123	3,913,920			307,242	394,382
58059. MCO MONACO.....	.XXX..	28,609	729				
58060. NLD NETHERLANDS.....	.XXX..	231,076	92,703				
58061. NCL NEW CALEDONIA.....	.XXX..	2,207,177	2,067,801				
58062. NZL NEW ZEALAND.....	.XXX..	12,704,531	9,580,191	2,174,779	2,836,961	769,507	21,419,955
58063. NIC NICARAGUA.....	.XXX..	15,206	19,471				
58064. NGA NIGERIA.....	.XXX..	149,524	696,526				
58065. NOR NORWAY.....	.XXX..	294,538	151,990		659,167		
58066. OMN OMAN.....	.XXX..	14,593	14,495				
58067. PAK PAKISTAN.....	.XXX..	54,687	48,697				
58068. PAN PANAMA.....	.XXX..	11,482	25,178				
58069. PNG PAPUA NEW GUINEA.....	.XXX..	15,077	14,081				
58070. PRY PARAGUAY.....	.XXX..	67,347	8,840				
58071. PER PERU.....	.XXX..	67,402	149,435				
58072. PHL PHILIPPINES.....	.XXX..	171,937	156,944				23,404,789
58073. POL POLAND.....	.XXX..	69,997	42,622				
58074. PRT PORTUGAL.....	.XXX..	15,465	(625)				
58075. RUS RUSSIA.....	.XXX..	293,101	381,797	19,351,657			
58076. KNA SAINT KITTS.....	.XXX..	4,373	2,873				175,018
58077. LCA SAINT LUCIA.....	.XXX..	8,973	4,017				10,607
58078. MAF SAINT MARTIN DUTCH.....	.XXX..	7,839	3,331	22,751,460			5,179,149
58079. SAU SAUDI ARABIA.....	.XXX..	592,846	603,987				
58080. SRB SERBIA.....	.XXX..	9,917	11,580				
58081. SGP SINGAPORE.....	.XXX..	23,051,536	16,602,621	467,834	128,769	350,786	601,276
58082. SVK SLOVAK REPUBLIC.....	.XXX..	21,985	16,498				
58083. SVN SLOVENIA.....	.XXX..	25,873	61,775				
58084. ZAF SOUTH AFRICA.....	.XXX..	77,543	49,866				
58085. KOR SOUTH KOREA.....	.XXX..	497,094	228,394				

Overflow Page for Write-Ins

Additional Write-ins for Schedule T:

	1 Active Status (a)	Direct Premiums Written		Direct Losses Paid (Deducting Salvage)		Direct Losses Unpaid	
		2 Current Year to Date	3 Prior Year to Date	4 Current Year to Date	5 Prior Year to Date	6 Current Year to Date	7 Prior Year to Date
58086. ESP SPAIN .....	..XXX...	110,567	63,994				
58087. LKA SRI LANKA .....	..XXX...	12,418	10,558				
58088. SUR SURINAM.....	..XXX...	18,537	(557,839)			54,795	
58089. SWE SWEDEN .....	..XXX...	42,489	(13,943)				
58090. CHE SWITZERLAND .....	..XXX...	338,983	281,336				
58091. THA THAILAND .....	..XXX...	376,212	263,352				
58092. TON TONGA .....	..XXX...	143,068	16,414				
58093. TTO TRINIDAD TOBAGO .....	..XXX...	1,112,198	974,362				
58094. TUR TURKEY .....	..XXX...	106,146	80,151				
58095. TCA TURKS CAICOS .....	..XXX...	9,609	4,539				1,060,717
58096. UKR UKRAINE.....	..XXX...	24,950	11,442				
58097. ARE UNITED ARAB EMIRATE .....	..XXX...	168,913	43,553				
58098. GBR UNITED KINGDOM .....	..XXX...	508,402	585,732			1,276,713	1,283,133
58099. URY URUGUAY .....	..XXX...	38,737	20,064				
58100. VEN VENEZUELA.....	..XXX...	256,098	328,629				
58101. VNM VIETNAM.....	..XXX...	83,021	72,832				126,710
58102. All Other.....	..XXX...	145,705	434,339	35,322	960,409	57,987	35,763
58997. Summary of remaining write-ins for Line 58 from overflow.....	..XXX...	163,747,059	142,399,011	142,330,290	65,678,726	186,971,509	178,887,431

FACTORY MUTUAL INSURANCE COMPANY SCHEDULE A - VERIFICATION

Real Estate

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

SCHEDULE B - VERIFICATION

Mortgage Loans

	1 Year to Date	2 Prior Year Ended December 31
1. Book value/recorded investment excluding accrued interest, December 31 of prior year.....	0	
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....		
2.2 Additional investment made after acquisition.....		
3. Capitalized deferred interest and other.....		
4. Accrual of discount.....		
5. Unrealized valuation increase (decrease).....		
6. Total gain (loss) on disposals.....		
7. Deduct amounts received on disposals.....		
8. Deduct amortization of premium and mortgage interest points and commitment fees.....		
9. Total foreign exchange change in book value/recorded investment excluding accrued interest.....		
10. Deduct current year's other-than-temporary impairment recognized.....		
11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10).....	0	0
12. Total valuation allowance.....		
13. Subtotal (Line 11 plus Line 12).....	0	0
14. Deduct total nonadmitted amounts.....		
15. Statement value at end of current period (Line 13 minus Line 14).....	0	0

SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year.....	1,935,851,394	1,903,317,568
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....		
2.2 Additional investment made after acquisition.....	65,025,242	129,047,841
3. Capitalized deferred interest and other.....		
4. Accrual of discount.....		
5. Unrealized valuation increase (decrease).....	2,619,560	(16,769,783)
6. Total gain (loss) on disposals.....	24,205,227	53,577,594
7. Deduct amounts received on disposals.....	118,601,030	133,321,826
8. Deduct amortization of premium and depreciation.....		
9. Total foreign exchange change in book/adjusted carrying value.....		
10. Deduct current year's other-than-temporary impairment recognized.....	16,682,323	
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10).....	1,892,418,070	1,935,851,394
12. Deduct total nonadmitted amounts.....		
13. Statement value at end of current period (Line 11 minus Line 12).....	1,892,418,070	1,935,851,394

SCHEDULE D - VERIFICATION

Bonds and Stocks

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value of bonds and stocks, December 31 of prior year.....	13,745,899,541	14,742,520,189
2. Cost of bonds and stocks acquired.....	2,543,070,565	3,696,947,864
3. Accrual of discount.....	2,711,884	3,655,753
4. Unrealized valuation increase (decrease).....	907,061,258	(1,383,813,958)
5. Total gain (loss) on disposals.....	388,486,948	804,946,922
6. Deduct consideration for bonds and stocks disposed of.....	2,573,559,686	3,986,220,795
7. Deduct amortization of premium.....	17,116,860	37,853,305
8. Total foreign exchange change in book/adjusted carrying value.....	(7,031,739)	(3,263,445)
9. Deduct current year's other-than-temporary impairment recognized.....		93,143,660
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees.....	338,483	2,123,976
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10).....	14,989,860,394	13,745,899,541
12. Deduct total nonadmitted amounts.....		
13. Statement value at end of current period (Line 11 minus Line 12).....	14,989,860,394	13,745,899,541

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

NAIC Designation	1 Book/Adjusted Carrying Value Beginning of Current Quarter	2 Acquisitions During Current Quarter	3 Dispositions During Current Quarter	4 Non-Trading Activity During Current Quarter	5 Book/Adjusted Carrying Value End of First Quarter	6 Book/Adjusted Carrying Value End of Second Quarter	7 Book/Adjusted Carrying Value End of Third Quarter	8 Book/Adjusted Carrying Value December 31 Prior Year
BONDS								
1. NAIC 1 (a).....	4,327,453,450	521,795,005	612,922,702	(2,975,005)	4,327,453,450	4,233,350,748		4,145,735,221
2. NAIC 2 (a).....	376,361,255	18,625,413	25,947,416	(2,885,704)	376,361,255	366,153,548		402,760,718
3. NAIC 3 (a).....	135,148,384	41,042,970	23,403,652	(1,797,602)	135,148,384	150,990,100		129,800,744
4. NAIC 4 (a).....	157,284,777	81,746,428	28,131,685	385,014	157,284,777	211,284,534		152,288,918
5. NAIC 5 (a).....	49,683,605	13,807,329	10,915,947	(2,559,348)	49,683,605	50,015,639		41,159,229
6. NAIC 6 (a).....	1,274,817	554,056	2,309,580	1,372,405	1,274,817	891,698		2,213,250
7. Total Bonds.....	5,047,206,288	677,571,201	703,630,982	(8,460,240)	5,047,206,288	5,012,686,267	0	4,873,958,080
PREFERRED STOCK								
8. NAIC 1.....						0		
9. NAIC 2.....						0		
10. NAIC 3.....						0		
11. NAIC 4.....						0		
12. NAIC 5.....						0		
13. NAIC 6.....						0		
14. Total Preferred Stock.....	0	0	0	0	0	0	0	0
15. Total Bonds and Preferred Stock.....	5,047,206,288	677,571,201	703,630,982	(8,460,240)	5,047,206,288	5,012,686,267	0	4,873,958,080

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(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:
NAIC 1 \$.....11,531,139; NAIC 2 \$.....0; NAIC 3 \$.....0; NAIC 4 \$.....0; NAIC 5 \$.....204,595; NAIC 6 \$.....0.

SCHEDULE DA - PART 1

Short-Term Investments

	1 Book/Adjusted Carrying Value	2 Par Value	3 Actual Cost	4 Interest Collected Year To Date	5 Paid for Accrued Interest Year To Date
9199999.....	11,735,734	XXX	11,836,753	122,100	129,241

SCHEDULE DA - VERIFICATION

Short-Term Investments

	1 Year To Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year.....	.0	.36,023,896
2. Cost of short-term investments acquired.....	637,397,600	.41,004,021
3. Accrual of discount.....	.81,859	.56,015
4. Unrealized valuation increase (decrease).....	(34,366)	.792
5. Total gain (loss) on disposals.....	.516	(13,465)
6. Deduct consideration received on disposals.....	625,618,195	.77,039,121
7. Deduct amortization of premium.....	.91,680	.32,138
8. Total foreign exchange change in book/adjusted carrying value.....		
9. Deduct current year's other-than-temporary impairment recognized.....		
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9).....	.11,735,734	.0
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	.11,735,734	.0

**Sch. DB - Pt. A - Verification
NONE**

**Sch. DB - Pt. B - Verification
NONE**

**Sch. DB - Pt. C - Sn. 1
NONE**

**Sch. DB - Pt. C - Sn. 2
NONE**

**Sch. DB - Verification
NONE**

SCHEDULE E - PART 2 - VERIFICATION

Cash Equivalents

	1 Year To Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year.....	611,664,662	739,900,999
2. Cost of cash equivalents acquired.....	2,306,544,202	4,692,513,894
3. Accrual of discount.....		19,010
4. Unrealized valuation increase (decrease).....	78,133	9,609
5. Total gain (loss) on disposals.....	80,809	(57,320)
6. Deduct consideration received on disposals.....	2,359,594,525	4,819,675,928
7. Deduct amortization of premium.....		
8. Total foreign exchange change in book/ adjusted carrying value.....	(1,658,222)	(1,045,602)
9. Deduct current year's other-than-temporary impairment recognized.....		
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9).....	557,115,059	611,664,662
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	557,115,059	611,664,662

**Sch. A Pt. 2
NONE**

**Sch. A Pt. 3
NONE**

**Sch. B - Pt. 2
NONE**

**Sch. B - Pt. 3
NONE**

SCHEDULE BA - PART 2

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

1	2	Location		5	6	7	8	9	10	11	12	13	
		3	4										
CUSIP Identification	Name or Description	City	State	Name of Vendor or General Partner	NAIC Designation and Administrative Symbol/Market Indicator	Date Originally Acquired	Type and Strategy	Actual Cost at Time of Acquisition	Additional Investment Made after Acquisition	Amount of Encumbrances	Commitment for Additional Investment	Percentage of Ownership	
Joint Venture or Partnership Interests That Have Underlying Characteristics of Real Estate - Affiliated													
34410@ 10 1	FMRE HOLDINGS LLC.....	WALTHAM.....	MA..	INVESTMENT IN AFFILIATE.....		01/31/2010....			172,625				
1899999. Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Real Estate - Affiliated.....									0	172,625	0	0	XXX.....
Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated													
09157D 10 3	FM GLOBAL INVESTMENT PARTNERS, L.P.....	PRINCETON.....	NJ...	BLACKROCK.....		11/30/2016....	3		7,397,924				
380990 22 6	GSPE - GOLDMAN SACHS PRIVATE EQUITY IX.....	NEW YORK.....	NY...	GOLDMAN SACHS.....		08/28/2007....	3		53,314				
380990 23 4	GSPE - GOLDMAN SACHS PRIVATE EQUITY PARTNERS XI.....	NEW YORK.....	NY...	GOLDMAN SACHS.....		08/19/2011....	3		134,161				
380990 85 3	GSPE - GOLDMAN SACHS PRIVATE EQUITY VINTAGE FUND VI.....	NEW YORK.....	NY...	GOLDMAN SACHS.....		11/28/2012....	3		59,193				
BBG00M 92 6	TUDOR BVI GLOBAL.....	STAMFORD.....	CT...	TUDOR INVESTMENT CORP.....		10/01/2018....	4		10,000,000				
BBG00L LC 2	ARDIAN CO-INVESTMENT FUND V EUROPE.....	NEW YORK.....	NY...	ARDIAN.....		02/21/2019....	1		1,259,152				
BBG00M H2 7	ARDIAN SECONDARY VIII.....	NEW YORK.....	NY...	ARDIAN.....		03/31/2019....	1		3,500				
AAS995 1Y 3	APOLLO HYBRID VALUE FUND.....	NEW YORK.....	NY...	MORGAN STANLEY.....		09/14/2018....	1		2,316,215				
BBG00L LP 3	ABRY ADVANCED SECURITIES FUND IV LP.....	CAYMAN ISLANDS.....	GB...	ABRY ASF IV LP.....		12/06/2018....	1		889,322				
BBG00G CR 0	CARLYLE GLOBAL INFRASTRUCTURE OPPORTUNITIES.....	CAYMAN ISLANDS.....	GB...	CGIOF GENERAL PARTNER.....		12/21/2018....	1		1,964,136				
BBG00G XL 0	DYAL CAPITAL PARTNERS IV LP.....	NEW YORK.....	NY...	NEUBERGER BERMAN.....		03/31/2019....	1		750,000				
BBG00N OS 6	FORTRESS CREDIT OPPORTUNITIES FUND V LP.....	NEW YORK.....	NY...	FCO FUND V GP LLC.....		11/30/2018....	1		1,050,000				
BBG001 DQ 4	WARBURG PINCUS GLOBAL GROWTH XIII.....	NEW YORK.....	NY...	WARBURG PINCUS.....		02/28/2019....	1		300,000				
279992 14 3	MSPE-EDEN II, LP.....	NEW YORK.....	NY...	MORGAN STANLEY.....		09/25/2007....	1		3,172				
482997 82 2	MSPE-KPS SPECIAL SITUATIONS FUND III, LP.....	NEW YORK.....	NY...	MORGAN STANLEY.....		11/13/2007....	3		1,879				
302999 00 8	MSPE-PITANGO VENTURE CAPITAL FUND.....	NEW YORK.....	NY...	MORGAN STANLEY.....		08/22/2007....	1		10,000				
2199999. Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated.....									0	26,191,968	0	0	XXX.....
4499999. Subtotal - Unaffiliated.....									0	26,191,968	0	0	XXX.....
4599999. Subtotal - Affiliated.....									0	172,625	0	0	XXX.....
4699999. Totals.....									0	26,364,593	0	0	XXX.....

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SCHEDULE BA - PART 3

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

1	2	Location		5	6	7	8	Changes in Book/Adjusted Carrying Value						15	16	17	18	19	20
		3	4					9	10	11	12	13	14						
CUSIP Identification	Name or Description	City	State	Name of Purchaser or Nature of Disposal	Date Originally Acquired	Disposal Date	Book/Adjusted Carrying Value Less Encumbrances, Prior Year	Unrealized Valuation Increase (Decrease)	Current Year's (Depreciation) or (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Capitalized Deferred Interest and Other	Total Change in B./A.C.V. (9+10-11+12)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value Less Encumbrances on Disposal	Consideration	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Investment Income
Joint Venture or Partnership Interests That Have Underlying Characteristics of Real Estate - Affiliated																			
34410@ 10 1	FMRE HOLDINGS LLC.....	WALTHAM.....	MA..	INVESTMENT IN AFFILIATE.....	01/31/2010	06/30/2019	841,978					0		841,978	841,978			0	0
1899999. Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Real Estate - Affiliated.....							841,978	0	0	0	0	0	0	841,978	841,978	0	0	0	0
Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated																			
617447 55 2	MORGAN STANLEY INST. FUND OF HEDGE FUNDS	W CONSHOHOCKEN.....	PA..	MORGAN STANLEY.....	06/28/2004	06/30/2019	(172,444)	172,444				172,444						0	

SCHEDULE BA - PART 3

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

1	2	Location		5	6	7	8	Changes in Book/Adjusted Carrying Value						15	16	17	18	19	20
		3	4					9	10	11	12	13	14						
CUSIP Identification	Name or Description	City	State	Name of Purchaser or Nature of Disposal	Date Originally Acquired	Disposal Date	Book/Adjusted Carrying Value Less Encumbrances, Prior Year	Unrealized Valuation Increase (Decrease)	Current Year's (Depreciation) or (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Capitalized Deferred Interest and Other	Total Change in B./A.C.V. (9+10-11+12)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value Less Encumbrances on Disposal	Consideration	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Investment Income
617447 53 7	MORGAN STANLEY IFHF SPV LP.....	W CONSHOHOCKEN.....	PA..	MORGAN STANLEY.....	09/01/2011	06/30/2019						0			171,143		171,143	171,143	
617449 G2 3	MORGAN STANLEY PRIVATE MARKETS FUND IV LP	W CONSHOHOCKEN.....	PA..	MORGAN STANLEY.....	01/18/2008	06/30/2019						0		804,606		804,606	804,606		
654315 GE 4	RIVERVIEW STRATEGIC OPPORTUNITIES FUND I LP	W CONSHOHOCKEN.....	PA..	MORGAN STANLEY.....	01/17/2014	06/17/2019	508,109	(235,491)				(235,491)		272,618	852,878	580,260	580,260		
G2690# 10 0	ESG PARTNERS (BERMUDA) LP - ESREF.....	NEW YORK.....	NY..	ESG PARTNERS.....	11/14/1997	06/30/2019	1,200					0		1,200		(1,200)	(1,200)		
G3927R 90 9	GCM GROSVENOR FM GLOBAL INVESTMENT FUND LP	NEW YORK.....	NY..	GCM GROSVENOR.....	11/08/2005	05/20/2019	285,464	409,850				409,850		695,314	1,417,059	721,745	721,745		
380990 22 6	GSPE - GOLDMAN SACHS PRIVATE EQUITY IX.....	NEW YORK.....	NY..	GOLDMAN SACHS.....	08/28/2007	05/01/2019	369,889	172,881				172,881		542,770	542,770			0	
380990 23 4	GSPE - GOLDMAN SACHS PRIVATE EQUITY PARTNERS XI	NEW YORK.....	NY..	GOLDMAN SACHS.....	08/19/2011	04/18/2019	4,885,006	(28,329)				(28,329)		4,856,677	4,856,677			0	
380990 85 3	GSPE - GOLDMAN SACHS PRIVATE EQUITY VINTAGE FUND VI	NEW YORK.....	NY..	GOLDMAN SACHS.....	11/28/2012	04/02/2019	775,162	(78,938)				(78,938)		696,224	1,027,215	330,991	330,991		
BBG000 LL 2	ARDIAN CO-INVESTMENT FUND V EUROPE.....	NEW YORK.....	NY..	ARDIAN.....	02/21/2019	05/20/2019	256,241					0		256,241	256,241			0	
AAS995 1Y 3	APOLLO HYBRID VALUE FUND.....	NEW YORK.....	NY..	MORGAN STANLEY.....	09/14/2018	05/15/2019	219,866	(6,206)				(6,206)		213,660	213,660			0	
BBG00G CR 0	CARLYLE GLOBAL INFRASTRUCTURE OPPORTUNITIES	CAYMAN ISLANDS.....	GB..	CGIOF GENERAL PARTNER.....	12/21/2018	05/30/2019	98,791	(61,416)				(61,416)		37,375	37,375			0	
929999 01 0	MSPE-BRAZOS EQUITY FUND II L.P.....	DALLAS.....	TX..	MORGAN STANLEY.....	12/06/2005	05/07/2019						0		2,311		2,311	2,311		
200995 21 5	MPSE-CHINA NETWORK SYSTEMS.....	NEW YORK.....	NY..	MORGAN STANLEY.....	12/27/2006	05/07/2019						0		68,394		68,394	68,394		
291998 54 0	MSPE-EMERGENCE CAPITAL PARTNERS II, LP.....	NEW YORK.....	NY..	MORGAN STANLEY.....	11/21/2007	04/01/2019						0		442,515		442,515	442,515		
429994 52 8	MSPE-H.I.G. CAPITAL PARTNERS IV, LP.....	MIAMI.....	FL..	MORGAN STANLEY.....	02/23/2007	04/12/2019						0		219,301		219,301	219,301		
482997 82 2	MSPE-KPS SPECIAL SITUATIONS FUND III, LP.....	NEW YORK.....	NY..	MORGAN STANLEY.....	11/13/2007	05/30/2019	17	27				27		44	28,743	28,699	28,699	28,699	
542997 45 7	MSPE-LONE STAR FUND VI, L.P. (2009-01-29).....	DALLAS.....	TX..	MORGAN STANLEY.....	01/29/2009	05/08/2019						0		53,162		53,162	53,162		
578997 89 2	MSPE-MBK PARTNERS, LP.....	NEW YORK.....	NY..	MORGAN STANLEY.....	09/19/2006	06/30/2019						0		24,711		24,711	24,711		
351990 00 7	MSPE-PAINE & PARTNERS CAPITAL FUND III, L.P.....	NEW YORK.....	NY..	MORGAN STANLEY.....	06/01/2006	06/30/2019	23	(23)				(23)						0	
302999 00 8	MSPE-PITANGO VENTURE CAPITAL FUND.....	NEW YORK.....	NY..	MORGAN STANLEY.....	08/22/2007	04/01/2019	112,145	16,972				16,972		129,117	129,117			0	
94999W 92 3	MSPE-WAYZATA OPPORTUNITIES.....	WAYZATA.....	MN..	MORGAN STANLEY.....	02/22/2006	05/15/2019						0		23,950		23,950	23,950		
2199999	Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated.....						7,339,469	361,771	0	0	0	361,771	0	7,701,240	11,171,828	0	3,470,588	3,470,588	0
4499999	Subtotal - Unaffiliated.....						7,339,469	361,771	0	0	0	361,771	0	7,701,240	11,171,828	0	3,470,588	3,470,588	0
4599999	Subtotal - Affiliated.....						841,978	0	0	0	0	0	0	841,978	841,978	0	0	0	0
4699999	Totals.....						8,181,447	361,771	0	0	0	361,771	0	8,543,218	12,013,806	0	3,470,588	3,470,588	0

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SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
Bonds - U.S. Government									
38381R G6 0	GOVT NATL MTG ASSN		03/13/2019	JP MORGAN		1,498,594	1,500,000	1,102	1
912828 5Z 9	UNITED STATES TREAS		04/08/2019	GOLDMAN SACHS		5,147,571	5,100,000	22,997	1
912828 6B 1	UNITED STATES TREAS		06/14/2019	VARIOUS		5,647,575	5,500,000	33,973	1
912828 6H 8	UNITED STATES TREAS		03/29/2019	CIT GROUP		6,026,484	6,000,000	6,583	1
912828 6L 9	UNITED STATES TREAS		04/17/2019	CITIGROUP		984,727	1,000,000	1,101	1
912828 6T 2	UNITED STATES TREAS		05/31/2019	VARIOUS		11,510,043	11,300,000	13,856	1
912828 C5 7	UNITED STATES TREAS		04/09/2019	BANK OF		34,438,008	34,500,000	21,209	1
912828 XT 2	US TREAS BILLS		06/03/2019	CITIGROUP		7,052,773	7,000,000	1,530	1
0599999	Total - Bonds - U.S. Government					72,305,775	71,900,000	102,351	.XXX
Bonds - All Other Government									
135087 D5 0	CANADA GOVT		05/10/2019	RBC DEXIA		14,509,460	14,000,000	141,534	1FE
135087 G3 2	CANADA GOVT		04/01/2019	T D SECURITIES		14,555,100	15,000,000	6,781	1FE
135087 J5 4	CANADA GOVT		05/10/2019	VARIOUS		16,704,248	16,200,000	62,495	1FE
135087 J8 8	CANADA GOVT		05/01/2019	DESJARDIN		3,514,000	3,500,000	336	1FE
13509P EF 6	CANADA HOUSING TRUST		06/10/2019	RBC DEXIA		5,275,050	5,000,000	71,110	1FE
13509P FA 6	CANADA HOUSING TRUST		06/10/2019	BMI CAPITAL		15,104,400	15,000,000	143,445	1FE
68323A CX 0	ONTARIO PROV		05/30/2019	CIBC WORLD MKTS		3,094,710	3,000,000	214	1FE
68323A EA 8	ONTARIO PROV		04/09/2019	RBC DEXIA		14,776,650	15,000,000	18,863	1FE
68333Z AF 4	ONTARIO PROV		04/08/2019	DESJARDIN		9,069,930	9,000,000	18,715	1FE
74814Z EV 1	PROV OF QUEBEC		04/08/2019	BANK OF		9,302,040	9,000,000	27,123	1FE
1099999	Total - Bonds - All Other Government					105,905,588	104,700,000	490,616	.XXX
Bonds - U.S. States, Territories and Possessions									
20772J ZC 9	CONNECTICUT ST		05/21/2019	RBC CAP		1,186,240	1,000,000	833	1FE
20772K CG 2	CONNECTICUT ST		04/18/2019	BARCLAYS		1,108,640	1,000,000	14,111	1FE
20772K FY 0	CONNECTICUT ST		03/29/2019	BARCLAYS		804,876	665,000		1FE
419792 WY 8	HAWAII ST		06/13/2019	BARCLAYS		2,484,680	2,055,000	47,379	1FE
46257T ET 2	IOWA ST SPL OBLIG		05/22/2019	CITIGROUP		1,892,715	1,500,000		1FE
57582R MY 9	MASSACHUSETTS STATE		04/09/2019	GOLDMAN SACHS		2,295,660	2,000,000	2,222	1FE
60412A LC 5	MINNESOTA ST		05/15/2019	JP MORGAN		2,828,672	2,240,000	14,000	1FE
70914P C2 6	PENNSYLVANIA ST		04/25/2019	BANK AMERICA MERRILL		809,916	670,000	3,815	1FE
880541 WZ 6	TENNESSEE ST		05/09/2019	MORGAN STANLEY		2,326,663	1,935,000	26,338	1FE
93974D Y6 9	WASHINGTON ST		06/19/2019	NATL FINANCIAL SERV		1,372,041	1,100,000	21,389	1FE
1799999	Total - Bonds - U.S. States, Territories & Possessions					17,110,103	14,165,000	130,087	.XXX
Bonds - U.S. Political Subdivisions of States									
041431 TM 9	ARLINGTON CNTY VA		06/05/2019	MORGAN STANLEY		3,834,113	2,940,000		1FE
602366 ZN 9	MILWAUKEE WI		06/20/2019	WELLS FARGO		2,301,950	1,930,000	10,186	1FE
938234 SR 3	WASHINGTON CNTY OR		05/23/2019	MORGAN STANLEY		5,295,492	4,460,000	50,794	1FE
2499999	Total - Bonds - U.S. Political Subdivisions of States					11,431,555	9,330,000	60,980	.XXX
Bonds - U.S. Special Revenue and Special Assessment									
01026C AC 5	ALABAMA ECONOMIC SET		04/04/2019	MORGAN STANLEY		1,006,490	1,000,000	2,021	1FE
014393 XE 7	ALDINE TX INDEP SCH DIST		05/09/2019	JEFFERIES & CO		2,532,935	2,070,000	24,150	1FE
01757L DW 3	ALLEN CNTY OHIO HOSP		04/16/2019	MORGAN STANLEY		5,000,000	5,000,000	3,197	1FE
040484 PN 1	ARIZONA BRD OF RGTS UNIV ARIZONA SYS REV		04/18/2019	MORGAN STANLEY		2,625,985	2,320,000	36,347	1FE
051595 BG 0	AURORA COLO WTR REV		05/14/2019	BARCLAYS		5,391,129	4,455,000	64,969	1FE

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SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
100853 TZ 3	BOSTON MASS.....		05/16/2019.....	BARCLAYS.....		2,397,629	2,180,000	19,136	1FE.....
13063D LE 6	CALIFORNIA ST.....		04/25/2019.....	PERSHING DLJ.....		2,468,127	1,945,000	11,346	1FE.....
167593 WM 0	CHICAGO ILL O HARE I.....		04/10/2019.....	CIT GROUP.....		2,810,186	2,390,000	35,203	1FE.....
167727 ZM 1	CHICAGO ILL WST TRANS REV.....		05/09/2019.....	BARCLAYS.....		11,765,200	10,000,000	183,333	1FE.....
20774Y QQ 3	CONNECTICUT ST HEAL.....		05/29/2019.....	BARCLAYS.....		2,613,542	2,240,000	47,289	1FE.....
235036 D4 9	DALLAS FORT WORTH TE.....		06/04/2019.....	BARCLAYS.....		2,426,651	2,255,000	10,962	1FE.....
235036 K7 4	DALLAS FORT WORTH TE.....		06/05/2019.....	HILLTOP SECURITIES.....		3,267,870	3,000,000	15,750	1FE.....
235241 TG 1	DALLASTX AREA RAPID TRNSIT SALES TAX REV.....		04/02/2019.....	BANK AMERICA MERRILL.....		3,595,102	2,890,000		1FE.....
246343 HZ 3	DELAWARE RIV JT TOLL.....		06/06/2019.....	MORGAN STANLEY.....		800,835	725,000	15,608	1FE.....
249182 KY 1	DENVER CITY & CNTY CO ARPT REVENUE.....		05/13/2019.....	JP MORGAN.....		1,526,619	1,285,000	28,913	1FE.....
254845 QA 1	DISTRICT COLUMBIA WT.....		05/14/2019.....	WELLS FARGO.....		3,050,016	2,565,000	16,031	1FE.....
258885 N4 0	DOUGLAS CNTY COLO SC.....		05/09/2019.....	MESIROW.....		3,561,013	2,885,000	36,864	1FE.....
29270C U5 2	ENERGY NORTHWEST WAS.....		04/04/2019.....	NATL FINANCIAL SERV.....		3,593,597	2,925,000	37,781	1FE.....
303823 MY 1	FAIRFAX CNTY VA INDL.....		06/05/2019.....	BARCLAYS.....		4,077,180	3,600,000	11,000	1FE.....
3136B4 ZA 9	FEDERAL NATL MTG.....		04/26/2019.....	JP MORGAN.....		799,625	800,000		1FE.....
3137FL YR 9	FEDERAL NATL MTG.....		05/21/2019.....	FNMA.....		1,000,000	1,000,000		1FE.....
3140HL 3C 8	FEDERAL NATL MTG.....		03/01/2019.....	VARIOUS.....		(1,946)	(1,854)		1FE.....
3140HP 4H 7	FEDERAL NATL MTG.....		03/01/2019.....	VARIOUS.....		(44,795)	(42,671)		1FE.....
3140JJ PT 0	FEDERAL NATL MTG.....		03/28/2019.....	CITIGROUP.....		14,571,281	13,954,242	15,699	1FE.....
3140JP EF 8	FEDERAL NATL MTG.....		04/29/2019.....	FNMA.....		8,995,482	8,523,998	14,207	1FE.....
3140Q9 5P 4	FEDERAL NATL MTG.....		03/01/2019.....	VARIOUS.....		(13,411)	(12,775)		1FE.....
31418C 4M 3	FEDERAL NATL MTG.....		03/01/2019.....	VARIOUS.....		(2,741)	(2,611)		1FE.....
362848 TX 1	GAINESVILLE FLA UTIL.....		05/24/2019.....	JANNEY MONTGOME.....		2,769,752	2,300,000	18,208	1FE.....
373384 6K 7	GEORGIA ST.....		04/04/2019.....	BARCLAYS.....		3,068,850	2,505,000	33,748	1FE.....
387460 PF 9	GRANITE SCH DIST UTA.....		04/16/2019.....	PERSHING DLJ.....		1,614,281	1,320,000	25,117	1FE.....
39081H BZ 4	GREAT LAKES MI AUTH SEWAGE DISPOSAL SYS.....		04/30/2019.....	CITIGROUP.....		3,987,197	3,175,000	92,163	1FE.....
39081J BU 1	GREAT LAKES MI WTR AUTH.....		06/20/2019.....	PERSHING DLJ.....		1,473,638	1,175,000	42,104	1FE.....
402207 AD 6	GULF COAST TX INDL DEV AUTH.....		05/02/2019.....	JP MORGAN.....		8,000,000	8,000,000	4,544	1FE.....
414005 XF 0	HARRIS CNTY TEX.....		06/03/2019.....	PERSHING DLJ.....		1,949,276	1,655,000	14,711	1FE.....
41422E EN 9	HARRIS CNTY TEX MET.....		06/05/2019.....	BARCLAYS.....		2,301,740	2,000,000	9,722	1FE.....
41981C NE 6	HAWAII ST HIGHWAY REVENUE.....		04/24/2019.....	BARCLAYS.....		1,612,265	1,485,000	18,810	1FE.....
425538 CU 7	HENNEPIN CNTY MN SALES TAX REV.....		06/20/2019.....	BARCLAYS.....		577,765	500,000	347	1FE.....
45470R CW 4	INDIANA ST FIN AUTH REVENUE.....		04/11/2019.....	BANK AMERICA MERRILL.....		2,884,384	2,300,000	41,847	1FE.....
45470Y EX 5	INDIANA FIN AUTH HEA.....		06/19/2019.....	CITIGROUP.....		1,837,093	1,795,000		1FE.....
45506D W9 2	INDIANA ST FIN AUTH.....		06/12/2019.....	BANK OF.....		1,486,764	1,200,000	23,000	1FE.....
45506D X2 6	INDIANA ST FIN AUTH REVENUE.....		05/22/2019.....	BANK AMERICA MERRILL.....		2,922,770	2,385,000	39,418	1FE.....
472628 QW 9	JEFFERSON CNTY.....		04/02/2019.....	KEYBANC.....		3,575,610	3,000,000	7,917	1FE.....
486063 XZ 8	KATY TX INDEP SCH DIST.....		06/18/2019.....	USB SECURITIES.....		990,544	800,000		1FE.....
49151F YT 1	KENTUCKY ST PROPERTY & BLDGS COMMISSION.....		06/05/2019.....	GOLDMAN SACHS.....		3,076,328	2,735,000	13,675	1FE.....
495098 YV 1	KING CNTY WASH SCH D.....		04/15/2019.....	WELLS FARGO.....		2,140,957	1,770,000	33,188	1FE.....
514014 MS 5	LANCASTER CNTY NE SCH DIST #1.....		05/10/2019.....	JP MORGAN.....		1,239,578	1,105,000	17,649	1FE.....
517845 FV 0	LAS VEGAS VLY NV WTR DIST.....		03/25/2019.....	PERSHING DLJ.....		573,054	505,000	912	1FE.....
52385L DL 0	LEE MEMORIAL HLTH SYS FL HOSP REVENUE.....		04/03/2019.....	BANK AMERICA MERRILL.....		1,838,435	1,575,000		1FE.....
542424 VE 3	LONG BEACH CA HARBOR REVENUE.....		04/02/2019.....	CIT GROUP.....		2,776,726	2,390,000	46,140	1FE.....

QE04.1

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
544445	HU 6 LOS ANGELES CA EPT OF ARPTS ARPT REV.....		05/30/2019.....	RAYMOND JAMES.....		1,136,616	1,035,000	2,588	1FE.....
55844P	UG 1 MADISON WI AREA TECH CLG.....		03/25/2019.....	USB SECURITIES.....		1,203,446	1,125,000		1FE.....
55844P	UK 2 MADISON WI AREA TECH CLG.....		05/07/2019.....	BAIRD, ROBERT W.....		1,445,983	1,345,000		1FE.....
56042T	BQ 0 MAINE ST FIN AUTH LOAN REVENUE.....		05/08/2019.....	BANK AMERICA MERRILL.....		1,468,094	1,235,000		1FE.....
57582N	4G 7 MASSACHUSETTS ST MUNICIPAL.....		05/02/2019.....	JP MORGAN.....		4,000,000	4,000,000	214	1FE.....
57582R	MU 7 MASSACHUSETTS ST.....		05/06/2019.....	CITIGROUP.....		2,646,179	2,240,000	11,200	1FE.....
575896	TF 2 MASSACHUSETTS ST POR.....		04/29/2019.....	BARCLAYS.....		1,045,038	860,000	9,317	1FE.....
591745	T2 0 MET ATLANTA GA RAPID TRANSIT AUTH.....		05/10/2019.....	MERRILL LYNCH.....		3,320,383	3,050,000	43,717	1FE.....
59261A	PM 3 METROPOLITAN TRANSN.....		06/20/2019.....	MORGAN STANLEY.....		1,145,710	1,000,000	5,000	1FE.....
59261A	PZ 4 METROPOLITAN TRANSN.....		05/10/2019.....	NATL FINANCIAL SERV.....		2,312,853	1,870,000	46,231	1FE.....
59334K	JA 7 MIAMI-DADE CNTY FLA.....		05/13/2019.....	RBC CAP.....		2,247,608	2,065,000	30,516	1FE.....
59656N	F9 8 MIDDLESEX CNTY NJ.....		05/30/2019.....	NATL FINANCIAL SERV.....		379,414	350,000		1FE.....
59656N	G3 0 MIDDLESEX CNTY NJ.....		05/30/2019.....	NATL FINANCIAL SERV.....		947,295	885,000		1FE.....
60635H	X6 1 MISSOURI ST HEALTH &.....		04/15/2019.....	CIT GROUP.....		2,778,088	2,770,000	60,594	1FE.....
63165T	NX 9 NASSAU CNTY N Y.....		05/28/2019.....	BARCLAYS.....		1,576,573	1,395,000	11,044	1FE.....
646136	FJ 5 NEW JERSEY ST TRANSPORTATION TRUST FUND.....		05/20/2019.....	MORGAN STANLEY.....		2,487,818	2,360,000	53,690	1FE.....
64972F	6X 9 NEW YORK N Y CITY MU.....		04/26/2019.....	USBCORP.....		6,000,000	6,000,000	3,866	1FE.....
64972G	AW 4 NEW YORK N Y CITY MU.....		05/16/2019.....	GOLDMAN SACHS.....		2,000,000	2,000,000	44	1FE.....
64972G	MK 7 NEW YORK N Y CITY MU.....		04/25/2019.....	JEFFERIES & CO.....		1,500,000	1,500,000	899	1FE.....
649907	XV 9 NEW YORK ST DORM AUT.....		04/10/2019.....	WELLS FARGO.....		2,080,390	2,010,000	25,907	1FE.....
64990A	MZ 5 NEW YORK ST DORM AUTH SALES TAX REVENUE.....		04/22/2019.....	MORGAN STANLEY.....		2,321,934	1,985,000	10,752	1FE.....
650035	8D 3 NEW YORK ST URBAN DEV CORP REVENUE.....		03/28/2019.....	CIT GROUP.....		2,852,139	2,410,000	25,104	1FE.....
655867	YK 9 NORFOLK VA.....		05/28/2019.....	BARCLAYS.....		1,971,067	1,640,000	25,739	1FE.....
65829Q	DG 6 NORTH CAROLINA ST LTD OBLIG.....		06/14/2019.....	BANK AMERICA MERRILL.....		1,790,835	1,500,000		1FE.....
67760H	JQ 5 OHIO ST TPK COMMN TP.....		06/11/2019.....	CITIGROUP.....		1,008,684	900,000	14,750	1FE.....
67766W	WX 6 OHIO ST WTR DEV AUTH.....		05/13/2019.....	JP MORGAN.....		1,821,983	1,505,000	33,863	1FE.....
744434	ED 9 PUBLIC PWR GENERATION AGY NE REVENUE.....		03/26/2019.....	JANNEY MONTGOME.....		2,722,236	2,360,000	28,517	1FE.....
759911	TL 4 REGL TRANPRTN AUTH IL.....		05/28/2019.....	MORGAN STANLEY.....		864,151	720,000	17,640	1FE.....
791697	DX 0 SAINT LOUIS MO SPL ADMIN BRD OF THE TRAN.....		05/31/2019.....	BARCLAYS.....		2,192,355	2,060,000	18,025	1FE.....
797355	5V 2 SAN DIEGO CA UNIF SCH DIST.....		03/26/2019.....	WELLS FARGO.....		2,604,571	2,220,000	26,825	1FE.....
801315	KH 4 SANTA BARARA CA UNIF SCH DIST.....		05/20/2019.....	VARIOUS.....		3,850,767	3,190,000	34,471	1FE.....
821686	W8 1 SHELBY CNTY TN.....		06/20/2019.....	WELLS FARGO.....		1,315,358	1,100,000	19,861	1FE.....
833085	3P 6 SNOHOMISH CNTY WASH.....		05/01/2019.....	CITIGROUP.....		2,683,202	2,575,000	43,203	1FE.....
882669	BF 0 TEXAS ST PUBLIC FIN AUTH LEASE REVENUE.....		06/06/2019.....	MORGAN STANLEY.....		2,835,698	2,250,000		1FE.....
882724	MC 8 TEXAS ST.....		05/16/2019.....	WELLS FARGO.....		3,000,000	3,000,000		1FE.....
89453P	G7 8 TRAVIS CNTY TEX.....		04/15/2019.....	CIT GROUP.....		2,424,936	1,985,000	2,206	1FE.....
89453P	G8 6 TRAVIS CNTY TEX.....		04/15/2019.....	CIT GROUP.....		2,707,342	2,180,000	2,422	1FE.....
89602R	ED 3 TRIBOROUGH BRDG & TU.....		05/24/2019.....	GOLDMAN SACHS.....		2,000,000	2,000,000	1,545	1FE.....
915138	NZ 0 UNIVERSITY OF TOLDEO.....		05/23/2019.....	WELLS FARGO.....		913,799	715,000	17,577	1FE.....
91523N	LB 0 UNIVERSITY WASH UNIV.....		06/11/2019.....	WELLS FARGO.....		2,792,175	2,500,000	56,250	1FE.....
917393	AQ 3 UTAH CNTY UTAH HOSP.....		06/05/2019.....	BARCLAYS.....		2,331,220	2,185,000	6,373	1FE.....
917567	AS 8 UTAH TRAN AUTH SALES.....		05/14/2019.....	RBC CAP.....		2,070,163	1,750,000	36,458	1FE.....
930863	6W 0 WAKE CNTY N C.....		04/16/2019.....	PERSHING DLJ.....		2,479,239	2,100,000	13,417	1FE.....
977100	FR 2 WISCONSIN ST GEN FD.....		04/02/2019.....	WELLS FARGO.....		2,704,217	2,695,000	68,273	1FE.....
97712D	WA 0 WISCONSIN ST HLTH & EDUCNTL FAC AUT REV.....		04/18/2019.....	CIT GROUP.....		3,182,452	2,800,000	8,167	1FE.....

QE04.2

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
3199999	Total - Bonds - U.S. Special Revenue and Special Assessments					241,672,619	215,043,329	1,929,291	XXX
Bonds - Industrial and Miscellaneous									
00081T	AJ 7 ACCO BRANDS CORP		06/20/2019	JP MORGAN		451,675	445,000	584	3FE
00213M	AK 0 APX GROUP INC		06/20/2019	BARCLAYS		242,500	250,000	1,258	4FE
00404A	AJ 8 ACADIA HEALTH CO INC		06/05/2019	BANK AMERICA MERRILL		1,041,790	1,025,000	17,938	4FE
00404A	AM 1 ACADIA HEALTHCARE CO INC		06/20/2019	BANK AMERICA MERRILL		423,731	405,000	8,263	4FE
00489L	AA 1 ACRISURE LLC / FIN INC		04/17/2019	BANK OF		179,750	200,000	6,106	5FE
00489L	AC 7 ACRISURE LLC / ACRIS		04/12/2019	BANK OF		181,125	175,000	3,002	4FE
00507V	AH 2 ACTIVISION BLIZZARD		04/09/2019	JP MORGAN		592,848	600,000	997	2FE
00688J	AA 5 ADIENT US LLC		06/20/2019	VARIOUS		826,700	820,000	799	3FE
013093	AD 1 ALBERTSONS COS LLC/S		06/20/2019	DEUTSCHE BANK		660,563	650,000	10,278	4FE
013104	AF 1 ALBERTSONS INC		04/25/2019	MORGAN STANLEY		375,500	400,000	7,284	4FE
013822	AC 5 ALCOA NEDERLAND HOLDING		06/20/2019	BANK AMERICA MERRILL		193,325	185,000	1,228	3FE
019736	AD 9 ALLISON TRANSMISSION		06/04/2019	CS FIRST		105,525	105,000	948	3FE
019736	AF 4 ALLISON TRANSMISSION		06/20/2019	BANK AMERICA MERRILL		310,488	295,000	4,092	3FE
02154E	AD 1 ALTICE FINANCING S.A		05/13/2019	JP MORGAN		1,543,875	1,650,000	13,577	5FE
02156D	AA 7 ALTICE S A		05/03/2019	CITIGROUP		750,000	750,000		5FE
024747	AE 7 AMERICAN BLDRS & CON		06/20/2019	BANK AMERICA MERRILL		630,000	600,000	3,819	4FE
030981	AK 0 AMERIGAS PARTNERS L		06/20/2019	BANK AMERICA MERRILL		526,250	500,000	2,597	3FE
032177	AH 0 AMSTED INDS INC		06/20/2019	FIRST UNION		361,388	345,000	1,024	3FE
03755L	AC 8 APERGY CORP		06/20/2019	FIRST UNION		273,375	270,000	2,534	4FE
03959K	AA 8 ARCHROCK PARTNERS L		06/20/2019	BANK AMERICA MERRILL		362,250	345,000	6,127	4FE
04021L	AA 8 ARGOS MERGER SUB INC		06/12/2019	VARIOUS		866,250	950,000	14,893	5FE
04364V	AG 8 ASCENT RES - UTICA L		06/20/2019	MORGAN STANLEY		327,250	350,000	3,607	4FE
05367A	AD 5 AVIATION CAP GROUP C		04/09/2019	PERSHING DLJ		640,728	600,000	563	2FE
053773	BB 2 AVIS BUDGET CAR RENT		06/20/2019	GOLDMAN SACHS		335,600	320,000	4,703	4FE
05545M	AA 0 BBA U S HLDGS INC		06/20/2019	BARCLAYS		366,625	350,000	2,770	3FE
055604	AA 0 BMC EAST LLC		06/20/2019	FIRST UNION		71,400	70,000	888	4FE
05605H	AA 8 BWX TECHNOLOGIES INC		06/20/2019	FIRST UNION		363,563	350,000	8,309	3FE
05988L	AA 6 BANFF MERGER SUB INC		04/08/2019	CS FIRST		197,310	200,000	2,113	5FE
085770	AB 1 BERRY GLOBAL ESCROW CORP		06/20/2019	VARIOUS		1,014,744	995,000	1,173	3FE
08580B	AA 4 BERRY PETE CO LLC		06/20/2019	VARIOUS		757,975	780,000	15,287	4FE
097751	BM 2 BOMBARDIER INC		06/04/2019	CITIGROUP		367,733	375,000	6,328	4FE
099500	AA 8 BOOZ ALLEN & HAMILTO		06/20/2019	BANK AMERICA MERRILL		306,750	300,000	2,264	4FE
103304	BM 2 BOYD GAMING CORP		06/20/2019	JP MORGAN		636,650	595,000	8,745	4FE
11284D	AA 3 BROOKFIELD PPTY REIT		06/20/2019	MORGAN STANLEY		826,600	805,000	4,910	3FE
118230	AR 2 BUCKEYE PARTNERS L P		06/13/2019	STATE STREET REPO		39,009	45,000	83	2FE
12008R	AM 9 BUILDERS FIRSTSOURCE		06/20/2019	VARIOUS		1,226,586	1,200,000	1,125	4FE
1248EP	BX 0 CCO HLDGS LLC / CCO		06/05/2019	VARIOUS		2,425,656	2,425,000	42,250	3FE
12555D	AB 1 CIM TRUST		04/05/2019	BANK AMERICA MERRILL		499,004	500,000	534	1FE
126307	AH 0 CSC HLDGS INC		06/04/2019	BARCLAYS		744,188	735,000	536	4FE
12653C	AC 2 CNX RESOURCES CORPOR		05/30/2019	STATE STREET REPO		45,313	50,000	795	4FE
13123X	AT 9 CALLON PETE CO DEL		06/20/2019	BANK AMERICA MERRILL		501,188	495,000	6,990	4FE
131347	CF 1 CALPINE CORP SR NT		06/04/2019	USB SECURITIES		589,680	600,000	4,888	4FE

QE04.3

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
14161T AA 0	CARDTRONICS INC/USA.....		06/20/2019.....	FIRST UNION.....		547,725	545,000	4,413	4FE.....
144577 AH 6	CARRIZO OIL & GAS IN.....		06/20/2019.....	BARCLAYS.....		436,500	450,000	5,391	4FE.....
150190 AB 2	CEDAR FAIR L P / CAN.....		06/20/2019.....	BANK AMERICA MERRILL.....		622,500	600,000	6,181	4FE.....
150190 AC 0	CEDAR FAIR L P / CAN.....		06/18/2019.....	JP MORGAN.....		250,000	250,000		4FE.....
153527 AM 8	CENTRAL GARDEN & PET.....		06/20/2019.....	BANK AMERICA MERRILL.....		294,000	300,000	6,107	4FE.....
156700 AM 8	CENTURYLINK INC.....		06/20/2019.....	BANK AMERICA MERRILL.....		113,400	120,000	2,508	4FE.....
156700 AR 7	CENTURYLINK INC.....		06/04/2019.....	PERSHING DLJ.....		261,215	250,000	7,659	4FE.....
15911N AA 3	CHANGE HEALTHCARE HL.....		06/20/2019.....	BARCLAYS.....		398,950	395,000	7,129	5FE.....
163851 AE 8	CHEMOURS CO.....		06/20/2019.....	CS FIRST.....		427,200	445,000	2,591	3FE.....
16412X AG 0	CHENIERE CORPUS CHRI.....		06/20/2019.....	BANK AMERICA MERRILL.....		206,863	190,000	4,706	3FE.....
171484 AG 3	CHURCHILL DOWNS INC.....		06/20/2019.....	JP MORGAN.....		310,119	295,000	4,011	4FE.....
17302X AJ 5	CITGO PETE CORP.....		06/20/2019.....	JEFFERIES & CO.....		856,375	850,000	19,036	4FE.....
184496 AN 7	CLEAN HARBORS INC.....		06/18/2019.....	JP MORGAN.....		150,000	150,000		3FE.....
18451Q AM 0	CLEAR CHANNEL WW HLD.....		06/20/2019.....	GOLDMAN SACHS.....		307,875	300,000	2,113	4FE.....
18539U AA 3	CLEARWAY ENERGY OPER.....		06/20/2019.....	JP MORGAN.....		710,638	695,000	7,659	3FE.....
185899 AC 5	CLEVELAND CLIFFS INC.....		05/23/2019.....	RBC CAP.....		383,500	400,000	490	4FE.....
203372 AM 9	COMMSCOPE INC.....		06/20/2019.....	VARIOUS.....		373,000	395,000	451	4FE.....
20337Y AA 5	COMMSCOPE HLDG CO IN.....		06/20/2019.....	CS FIRST.....		141,750	150,000	225	4FE.....
20338Q AD 5	COMMSCOPE FIN LLC.....		06/20/2019.....	VARIOUS.....		1,367,693	1,350,000	25,875	3FE.....
20341W AA 3	COMM S&L / CSL CAPIT.....		04/23/2019.....	VARIOUS.....		361,875	375,000	450	5FE.....
20341W AD 7	COMM S&L / CSL CAPIT.....		04/16/2019.....	DEUTSCHE BANK.....		183,056	195,000	134	6FE.....
210371 AL 4	CONSTELLATION ENERGY.....		04/09/2019.....	MORGAN STANLEY.....		620,004	600,000	11,158	2FE.....
228701 AF 5	CROWNROCK LP/CROWNROCK FIN.....		06/20/2019.....	MORGAN STANLEY.....		73,500	75,000	809	4FE.....
23110A AA 4	CUMULUS MEDIA NEW HL.....		06/13/2019.....	VARIOUS.....		753,744	750,000		4FE.....
23371D AD 6	DAE FDG LLC.....		06/20/2019.....	JP MORGAN.....		307,538	295,000	1,678	3FE.....
237266 AH 4	DARLING INGREDIENTS.....		06/20/2019.....	JP MORGAN.....		417,000	400,000	4,725	3FE.....
23918K AQ 1	DAVITA HELTHCARE PARTNER.....		06/20/2019.....	BANK AMERICA MERRILL.....		667,552	670,000	14,205	3FE.....
24023K AE 8	DBS GROUP.....		04/15/2019.....	BARCLAYS US FUN.....		599,676	600,000		1FE.....
25272K AD 5	DIAMOND 1 FIN CORP/D.....		04/09/2019.....	STATE STREET REPO.....		615,354	600,000	8,545	2FE.....
25272K AU 7	DIAMOND 1 FIN CORP/DIAMOND.....		06/20/2019.....	BANK AMERICA MERRILL.....		275,400	270,000	397	3FE.....
25470X AJ 4	DISH DBS CORP.....		06/05/2019.....	DEUTSCHE BANK.....		1,144,250	1,150,000	26,650	4FE.....
25787G AC 4	DONNELLEY FINL SOLUT.....		05/15/2019.....	MIZUHO.....		206,000	200,000	1,364	4FE.....
26252T AA 4	DT AUTO OWNER TRUST.....		05/07/2019.....	DEUTSCHE BANK.....		1,199,933	1,200,000		1FE.....
26907Y AA 2	ESH HOSPITALITY INC.....		06/20/2019.....	CS FIRST.....		933,038	895,000	6,918	3FE.....
26959X AC 7	EAGLE HOLDING CO. II.....		05/07/2019.....	JP MORGAN.....		346,500	350,000		5FE.....
28470R AF 9	ELDORADO RESORTS INC.....		06/20/2019.....	BANK AMERICA MERRILL.....		729,750	700,000	9,683	4FE.....
29272W AA 7	ENERGIZER HLDGS INC.....		06/20/2019.....	JP MORGAN.....		97,974	95,000	2,675	4FE.....
29365D AA 7	ENTERCOM MEDIA CORP.....		06/04/2019.....	VARIOUS.....		1,169,170	1,150,000	5,850	4FE.....
30227M AA 3	EXTRACTION OIL & GAS INC.....		06/20/2019.....	CS FIRST.....		218,125	250,000	1,997	4FE.....
31740L AA 1	FINANCIAL & RISK US.....		06/05/2019.....	BANK AMERICA MERRILL.....		101,780	100,000	382	4FE.....
31740L AC 7	FINANCIAL & RISK US.....		04/17/2019.....	JP MORGAN.....		51,375	50,000	2,303	4FE.....
336130 AB 5	FIRST QUALITY FIN CO.....		06/20/2019.....	BANK AMERICA MERRILL.....		507,500	500,000	12,014	4FE.....
33767D AA 3	FIRSTCASH INC.....		06/20/2019.....	JEFFERIES & CO.....		354,488	345,000	1,185	3FE.....
34528Q GS 7	FORD CREDITFLOORPLAN.....		04/02/2019.....	BARCLAYS.....		999,856	1,000,000		1FE.....
35906A AW 8	FRONTIER COMMUNICATIONS.....		06/04/2019.....	CITIGROUP.....		726,250	1,000,000	23,625	5FE.....

QE04.4

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
35906A BC 1	FRONTIER COMMUNICATIONS		06/20/2019	VARIOUS		555,915	534,000	8,992	4FE
36166T AA 8	GCI LLC		06/03/2019	SUNTRUST		450,000	450,000		4FE
366651 AB 3	GARTNER INC		06/20/2019	BANK AMERICA MERRILL		361,375	350,000	4,136	3FE
38016L AA 3	GO DADDY OPER CO LLC		05/30/2019	JP MORGAN		390,000	390,000		4FE
38141G WD 2	GOLDMAN SACHS GROUP		04/09/2019	RBC CAP		403,105	400,000	3,143	1FE
39807U AB 2	GREYSTAR REAL ESTATE		06/20/2019	JP MORGAN		667,875	650,000	2,388	4FE
398545 AA 1	GRINDING MED/MC GRINDING		06/20/2019	JP MORGAN		569,713	595,000	1,097	4FE
40010P AA 6	GRUBHUB HLDGS INC		06/06/2019	JP MORGAN		350,000	350,000		3FE
40060Q AA 3	GTCR AP FINANCE INC		05/06/2019	VARIOUS		350,063	350,000		5FE
402635 AE 6	GULFPORT ENERGY CORP		06/20/2019	BARCLAYS		77,850	90,000	878	4FE
402635 AH 9	GULFPORT ENERGY CORP		05/07/2019	JEFFERIES & CO		44,375	50,000	200	4FE
404030 AH 1	H&E EQUIPMENT SERVICES INC		06/20/2019	CS FIRST		160,231	155,000	2,737	4FE
404121 AH 8	HCA INC		06/20/2019	JP MORGAN		158,413	145,000	2,446	3FE
404121 AJ 4	HCA INC		06/20/2019	JP MORGAN		550,650	500,000	8,828	3FE
415864 AM 9	HARSCO CORP		06/12/2019	BANC OF AMERICA		150,000	150,000		3FE
421924 BK 6	HEALTHSOUTH CORP		06/20/2019	BANK AMERICA MERRILL		562,375	550,000	4,656	4FE
428102 AA 5	HESS INFRASTRUCTURE		06/20/2019	BANK AMERICA MERRILL		622,500	600,000	12,094	3FE
432833 AE 1	HILTON DOMESTIC OPERATING		06/10/2019	BANK AMERICA MERRILL		500,000	500,000		3FE
44332P AD 3	HUB INTL LTD		06/20/2019	VARIOUS		1,205,000	1,190,000	10,894	5FE
445587 AC 2	HUNT COS INC		06/20/2019	JEFFERIES & CO		561,000	600,000	13,438	4FE
449253 AB 9	IAA SPINCO INC		06/20/2019	VARIOUS		718,000	700,000	1,238	4FE
44988M AA 3	IRB HLDG CORP		06/11/2019	VARIOUS		710,575	720,000	7,371	5FE
45031U CC 3	ISTAR INC		06/04/2019	BANK AMERICA MERRILL		303,603	300,000	3,122	3FE
457030 AJ 3	INGLES MKTS INC		06/20/2019	JEFFERIES & CO		507,375	495,000	712	3FE
45824T AR 6	INTELSAT JACKSON HLD		06/20/2019	MORGAN STANLEY		574,750	550,000	15,767	4FE
45824T AY 1	INTELSAT JACKSON HLD		04/08/2019	BANK AMERICA MERRILL		406,574	393,000	9,047	5FE
45824T BA 2	INTELSAT JACKSON HLD		04/08/2019	BANK AMERICA MERRILL		653,874	661,000	31,370	5FE
45827A AD 5	INTELSAT CONNECT FIN		04/08/2019	CS FIRST		371,000	400,000	12,066	6FE
46284P AP 9	IRON MTN INC DEL		06/20/2019	CITIGROUP		508,750	500,000	10,302	4FE
465740 AA 6	ITRON INC		06/20/2019	FIRST UNION		303,113	295,000	6,515	4FE
46590X AA 4	JBS USA LUX S A / JB		06/20/2019	BARCLAYS		268,275	245,000	3,052	3FE
466112 AP 4	JBS USA LLC / JBS US		06/20/2019	FIRST UNION		259,063	250,000	6,487	3FE
46647P AD 8	JP MORGAN CHASE BANK		04/09/2019	PERSHING DLJ		402,289	400,000	3,100	1FE
47010D AA 8	JAGUAR HLDG CO II /		06/20/2019	CITIGROUP		624,000	600,000	15,194	4FE
48238T AA 7	KAR AUCTION SVCS INC		06/20/2019	JP MORGAN		613,500	600,000	1,965	4FE
489399 AG 0	KENNEDY-WILSON INC		06/20/2019	FIRST UNION		1,024,850	995,000	13,477	4FE
50168A AA 8	LABL ESCROW ISSUER		06/18/2019	BANK AMERICA MERRILL		800,000	800,000		5FE
50168A AB 6	LABL ESCROW ISSUER		06/18/2019	BANK AMERICA MERRILL		350,000	350,000		4FE
501797 AN 4	L BRNADS INC		05/29/2019	VARIOUS		986,656	1,100,000	12,782	3FE
501797 AR 5	L BRANDS INC		06/05/2019	CITIGROUP		540,573	550,000		3FE
527298 BK 8	LEVEL 3 FING INC		06/05/2019	WELLS FARGO		1,579,528	1,550,000	32,862	3FE
552704 AD 0	MEG ENERGY CORP		04/09/2019	BARCLAYS		348,688	350,000	5,403	3FE
552953 BY 6	MGM RESORTS INTL		06/20/2019	CITIGROUP		637,450	610,000	9,493	3FE
553283 AB 8	MPH ACQUISITION HOLDINGS		06/20/2019	CS FIRST		407,000	400,000	1,821	5FE

QE04.5

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
55342U AG 9	MPT OPER PARTNERESP / FINL		06/20/2019	BANK AMERICA MERRILL		318,725	305,000	6,361	3FE
55342U AH 7	MPT OPERATING PARTNE		06/05/2019	PERSHING DLJ		2,040,345	2,050,000	14,806	3FE
576485 AE 6	MATADOR RES CO		06/20/2019	FIRST UNION		345,100	340,000	5,493	4FE
577081 AY 8	MATTEL INC		06/14/2019	JEFFERIES & CO		47,000	50,000	407	4FE
577081 BA 9	MATTEL INC		06/19/2019	JEFFERIES & CO		434,250	450,000	3,701	4FE
577088 AA 5	MATTERHORN MERGER		04/24/2019	BARCLAYS		315,875	350,000	11,983	5FE
58502B AA 4	MEDNAX INC		06/20/2019	BARCLAYS		148,263	145,000	486	3FE
58502B AC 0	MEDNAX INC		06/20/2019	VARIOUS		1,236,088	1,195,000	32,900	3FE
588056 AX 9	MERCER INTL INC		06/20/2019	BARCLAYS		475,038	445,000	17,959	3FE
589433 AB 7	MEREDITH CORP		06/04/2019	PERSHING DLJ		362,362	350,000	8,355	4FE
60740F AM 7	MOBILE MINI INC		05/14/2019	BANK AMERICA MERRILL		51,500	50,000	1,102	4FE
61744Y AJ 7	MORGAN STANLEY		04/09/2019	T D SECURITIES		402,686	400,000	3,240	1FE
624758 AE 8	MUELLER WTR PRODS IN		06/20/2019	FIRST UNION		360,525	345,000	474	3FE
62886E AS 7	NCR CORP NEW		06/20/2019	CITIGROUP		980,438	945,000	1,506	4FE
62913T AJ 1	NGL ENERGY PARTNERS		04/05/2019	VARIOUS		362,250	350,000	11,473	4FE
62913T AN 2	NGL ENERGY PARTNERS		04/04/2019	RBC CAP		525,000	525,000		4FE
629377 CA 8	NRG ENERGY INC		06/04/2019	USB SECURITIES		298,719	275,000	1,163	3FE
629377 CH 3	NRG ENERGY INC		06/20/2019	VARIOUS		217,025	215,000	175	3FE
62957H AC 9	NABORS INDS INC NEW		04/15/2019	MORGAN STANLEY		289,875	300,000	4,217	3FE
65343H AA 9	NEXSTAR ESCROW INC		06/19/2019	BANK AMERICA MERRILL		350,000	350,000		4FE
65409Q BB 7	NIELSEN FIN LLC/ NIELSEN		06/04/2019	CS FIRST		174,178	175,000	1,240	4FE
654740 AX 7	NISSAN MTR ACCEP COR		04/09/2019	RBC CAP		335,420	340,000	1,787	1FE
65504L AQ 0	NOBLE HOLDINGS INTL LTD		04/22/2019	VARIOUS		529,406	550,000	9,680	4FE
665531 AE 9	NORTHERN OIL & GAS I		06/20/2019	DEUTSCHE BANK		260,938	250,000	4,899	5FE
67054L AC 1	NUMERICABLE GROUP SA		05/16/2019	MIZUHO		256,250	250,000	4,123	4FE
674215 AG 3	OASIS PETROLEUM INC		06/20/2019	BARCLAYS		100,000	100,000	1,891	4FE
680665 AJ 5	OLIN CORP		06/20/2019	CITIGROUP		413,000	400,000	5,638	3FE
68245X AE 9	1011778 B.C. UNLIMIT		06/20/2019	VARIOUS		3,813,844	3,820,000	35,794	4FE
68268N AJ 2	ONEOK PARTNERS LP		04/09/2019	MORGAN STANLEY		403,432	400,000		2FE
68555P AA 8	ORBCOMM INC		05/03/2019	CS FIRST		104,125	100,000	800	4FE
69007T AB 0	OUTFRONT MEDIA CAP /		06/12/2019	DEUTSCHE BANK		370,000	370,000		4FE
69327R AG 6	PDC ENERGY INC		06/20/2019	MORGAN STANLEY		450,000	450,000	7,580	4FE
693522 AH 7	PQ CORP		06/20/2019	BANK AMERICA MERRILL		116,438	115,000	2,369	4FE
69888X AA 7	PAR PHARMACEUTICAL I		06/04/2019	BNP PARIBAS		418,753	425,000	6,021	4FE
701094 AN 4	PARKER HANNIFIN CORP		06/05/2019	BARCLAYS		498,435	500,000		1FE
71376L AB 6	PERFORMANCE FOOD GROUP		06/20/2019	BARCLAYS		323,663	315,000	1,107	4FE
72147K AC 2	PILGRIMS PRIDE CORP		06/20/2019	GOLDMAN SACHS		309,750	295,000	4,665	3FE
72650R AY 8	PLAINS ALL AMERN PIP		04/09/2019	BARCLAYS		616,758	600,000	5,833	2FE
727493 AB 4	PLANTRONICS INC		06/20/2019	FIRST UNION		804,000	800,000	4,767	4FE
72766Q AD 7	PLATFORM SPECIALTY		06/20/2019	CS FIRST		514,800	495,000	1,858	4FE
740212 AK 1	PRECISION DRILLING CORP		06/20/2019	BANK AMERICA MERRILL		210,125	205,000	397	3FE
74112B AK 1	PRESTIGE BRANDS INC		06/20/2019	BANK AMERICA MERRILL		621,775	595,000	11,906	5FE
74166M AB 2	PRIME SEC SVCS BORRO		06/20/2019	CS FIRST		740,950	730,000	8,517	3FE
74759B AD 5	QUALITYTECH LP / QTS		06/20/2019	BANK AMERICA MERRILL		299,250	300,000	1,544	4FE
74840L AA 0	QUICKEN LNS INC		06/20/2019	BANK AMERICA MERRILL		254,800	245,000	2,074	3FE

QE04.6

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
75524D AP 5	RBS GLOBAL INC.....		06/20/2019.....	FIRST UNION.....		314,650	310,000	378	4FE.....
75606D AG 6	REALOGY GRP LLC/REAL.....		06/04/2019.....	CITIGROUP.....		955,300	1,000,000	17,448	4FE.....
76119L AA 9	RESIDEO FDG INC.....		06/20/2019.....	BARCLAYS.....		151,888	145,000	1,308	3FE.....
761735 AV 1	REYNOLDS GRP ISS/REYNOLD.....		06/20/2019.....	VARIOUS.....		569,163	555,000	15,829	5FE.....
767754 CH 5	RITE AID CORP.....		05/06/2019.....	VARIOUS.....		708,313	825,000	13,165	5FE.....
77714T AB 7	ROSE ROCK MIDSTR/ROS.....		05/10/2019.....	BARCLAYS.....		142,875	150,000	4,195	4FE.....
78454L AH 3	SM ENERGY CO.....		06/20/2019.....	MORGAN STANLEY.....		121,550	130,000	2,871	4FE.....
78466C AC 0	SS&C TECHNOLOGIES IN.....		06/20/2019.....	JP MORGAN.....		293,300	280,000	3,679	4FE.....
78470V AC 2	SRC ENERGY INC.....		06/20/2019.....	MORGAN STANLEY.....		323,750	350,000	1,398	4FE.....
78573N AA 0	SABRE GLBL INC.....		06/20/2019.....	CITIGROUP.....		413,000	400,000	4,121	3FE.....
810186 AP 1	SCOTTS MIRACLE GRO C.....		06/20/2019.....	BANK AMERICA MERRILL.....		506,250	500,000	656	4FE.....
82967N BA 5	SIRIUS XM RADIO INC.....		06/20/2019.....	GOLDMAN SACHS.....		50,875	50,000	993	3FE.....
82967N BC 1	SIRIUS XM RADIO INC.....		06/05/2019.....	JP MORGAN.....		350,000	350,000		3FE.....
82967N BE 7	SIRIUS XM RADIO INC.....		06/18/2019.....	JP MORGAN.....		100,000	100,000		3FE.....
83001A AC 6	SIX FLAGS ENTMT CORP.....		06/20/2019.....	FIRST UNION.....		618,800	595,000	6,272	3FE.....
83405T AA 1	SOFI CONSUMER LOAN PROGRAM.....		05/21/2019.....	MORGAN STANLEY.....		999,921	1,000,000		1FE.....
835898 AG 2	SOTHEBYS.....		06/20/2019.....	BARCLAYS.....		252,963	245,000	299	3FE.....
845467 AL 3	SOUTHWESTERN ENERGY.....		06/20/2019.....	DEUTSCHE BANK.....		235,000	250,000	6,501	3FE.....
85172F AN 9	SPRINGLEAF FINANCE CORP.....		06/04/2019.....	JP MORGAN.....		634,500	600,000	9,619	3FE.....
85172F AQ 2	SPRINGLEAF FINANCE C.....		06/20/2019.....	VARIOUS.....		587,788	580,000	870	3FE.....
852061 AS 9	SPRINT NEXTEL CORP.....		06/17/2019.....	VARIOUS.....		934,750	900,000	5,067	4FE.....
853496 AB 3	STANDARD INDS INC.....		06/20/2019.....	FIRST UNION.....		614,338	595,000	11,726	3FE.....
855030 AN 2	STAPLES INC.....		05/29/2019.....	JEFFERIES & CO.....		537,000	550,000	5,094	4FE.....
855030 AP 7	STAPLES INC.....		06/20/2019.....	BANK AMERICA MERRILL.....		349,125	350,000	7,107	4FE.....
858912 AF 5	STERICYCLE INC.....		06/07/2019.....	BANK OF.....		450,000	450,000		3FE.....
86024T AA 5	STEVENS HLDG CO INC.....		06/20/2019.....	FIRST UNION.....		366,563	345,000	4,872	4FE.....
864486 AH 8	SUBURBAN PROPANE PAR.....		06/06/2019.....	JP MORGAN.....		334,473	337,000	463	4FE.....
864486 AJ 4	SUBURBAN PROPANE PAR.....		06/20/2019.....	BANK AMERICA MERRILL.....		651,450	645,000	11,641	4FE.....
864486 AK 1	SUBURBAN PROPANE PAR.....		06/11/2019.....	BARCLAYS.....		195,000	200,000	3,329	4FE.....
86614R AG 2	SUMMIT MATERIALS LLC.....		06/20/2019.....	CS FIRST.....		547,706	535,000	14,473	4FE.....
86723C AF 5	SUNCOKE ENERGY INC.....		06/20/2019.....	JEFFERIES & CO.....		581,613	595,000	1,116	4FE.....
86765L AL 1	SUNOCO LP/SUNOCO FIN.....		06/04/2019.....	BANK AMERICA MERRILL.....		413,075	410,000	6,953	3FE.....
87261Q AB 9	TMS INTL CORP.....		06/20/2019.....	MORGAN STANLEY.....		294,000	300,000	7,794	5FE.....
87422V AA 6	TALEN ENERGY SUPPLY LLC.....		05/06/2019.....	CS FIRST.....		352,000	400,000	11,339	4FE.....
87422V AF 5	TALEN ENERGY SUPPLY.....		05/08/2019.....	VARIOUS.....		754,688	750,000		3FE.....
87612B BG 6	TARGA RES PARTNERS /.....		06/17/2019.....	BANK AMERICA MERRILL.....		343,765	349,000	7,465	3FE.....
88033G CX 6	TENET HEALTHCARE COR.....		06/20/2019.....	BANK AMERICA MERRILL.....		344,500	325,000	7,843	4FE.....
880345 AB 9	TENNANT CO.....		06/20/2019.....	FIRST UNION.....		358,800	345,000	2,857	4FE.....
880349 AR 6	TENNECO INC.....		05/07/2019.....	CITIGROUP.....		328,500	400,000	6,167	3FE.....
89177H AA 0	TOWD POINT MORTGAGE TRUST.....		04/09/2019.....	CIT GROUP.....		1,002,036	1,000,000		1FE.....
893647 AZ 0	TRANSDIGM INC.....		06/04/2019.....	VARIOUS.....		1,179,300	1,180,000	3,418	4FE.....
893647 BE 6	TRANSDIGM INC.....		06/20/2019.....	BANK AMERICA MERRILL.....		531,250	500,000	11,372	4FE.....
893830 BE 8	TRANSOCEAN INC.....		04/30/2019.....	BARCLAYS.....		402,656	375,000	10,031	5FE.....
89385A AA 3	TRANSOCEAN SENTRY LT.....		05/22/2019.....	VARIOUS.....		49,785	50,000		4FE.....

QE04.7

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
89469A AC 8	TREEHOUSE FOODS INC		06/20/2019	JP MORGAN		523,750	500,000	10,750	4FE
90290M AB 7	US FOODS INC		06/20/2019	JEFFERIES & CO.		518,750	500,000	734	4FE
911365 BE 3	UNITED RENTALS NORTH AMERICA		06/20/2019	VARIOUS		950,088	900,000	12,616	3FE
91740P AC 2	USA COMPRESSION PART		06/20/2019	JP MORGAN		253,800	240,000	3,804	4FE
91911K AN 2	VALEANT PHARMACEUTICALS		06/06/2019	MORGAN STANLEY		312,244	305,000	1,817	3FE
91911X AV 6	VALEANT PHARMACEUTICALS		06/20/2019	VARIOUS		665,940	600,000	11,408	4FE
92552V AL 4	VIASAT INC		06/20/2019	GOLDMAN SACHS		468,000	450,000	6,117	3FE
92840V AF 9	VISTRA OPERATIONS CO		06/20/2019	VARIOUS		201,981	195,000	81	3FE
92856J AB 6	VIZIENT INC		04/17/2019	JP MORGAN		190,000	190,000		4FE
93369K AA 3	WAND MERGER CORP		06/04/2019	BANK AMERICA MERRILL		299,433	300,000	9,547	4FE
95000U 2F 9	WELLS FARGO & COMPANY		06/10/2019	WELLS FARGO		500,000	500,000		1FE
96926J AC 1	WILLIAM CARTER CO		06/20/2019	BANK AMERICA MERRILL		380,700	360,000	5,625	3FE
96950G AA 0	WILLIAMS SCOTSMAN IN		05/21/2019	BANK OF		260,625	250,000	8,641	4FE
96950G AB 8	WILLIAMS SCOTSMAN IN		05/09/2019	DEUTSCHE BANK		50,125	50,000	850	4FE
984245 AM 2	YPF SOCIEDAD ANONIMA		04/25/2019	BANK AMERICA MERRILL		1,080,750	1,100,000	5,525	4FE
BL2618 39 7	ARBY'S RESTAURANT		03/29/2019	GOLDMAN SACHS		417,041	423,929		4FE
U8002W AG 2	REYNOLDS GRP ISS/REYNOLD		06/20/2019	JEFFERIES & CO.		682,456	665,000	15,053	4FE
05570X BG 0	BMW CANADA AUTO TRUST		06/11/2019	RBC DEXIA		4,400,000	4,400,000		1FE
060505 FM 1	BANK AMERICA		05/01/2019	T D SECURITIES		11,096,030	11,000,000	7,069	1FE
07317Q AG 0	BAYTEX ENERGY CORP		06/20/2019	CS FIRST		327,750	345,000	1,240	4FE
07813Z CB 8	BELL CANADA		05/10/2019	CIBC WORLD MKTS		4,992,100	5,000,000	377	2FE
097751 BJ 9	BOMBARDIER INC		05/28/2019	BANK AMERICA MERRILL		344,750	350,000	2,575	4FE
097751 BT 7	BOMBARDIER INC		04/25/2019	VARIOUS		692,246	700,000	7,963	4FE
12614A DB 3	CNH CAPITAL CANADA RECEIVABLE		06/18/2019	RBC DEXIA		2,667,000	2,667,000		1FE
146900 AQ 8	CASCADES INC		06/20/2019	BARCLAYS		806,925	795,000	20,190	3FE
29359N AA 3	ENSIGN DRILLING INC		04/08/2019	VARIOUS		649,938	650,000		4FE
31430W AA 2	FED DES CAISSES		04/09/2019	T D SECURITIES		2,989,230	3,000,000	14,436	1FE
36168Q AC 8	GFL ENVIRONMENTAL INC		06/20/2019	BARCLAYS		95,713	95,000	787	5FE
36168Q AD 6	GFL ENVIRONMENTAL IN		06/20/2019	CS FIRST		99,000	100,000	1,687	5FE
36168Q AE 4	GFL ENVIRONMENTAL IN		04/17/2019	VARIOUS		536,050	535,000		5FE
36252M BG 4	GMF CANADA LEASING TRUST		06/18/2019	BMO CAPITAL		3,022,000	3,022,000		1FE
380355 AB 3	GOEASY LTD		06/20/2019	JEFFERIES & CO.		628,439	595,000	6,898	3FE
438121 AN 5	HONDA CANADA FIN		04/09/2019	RBC DEXIA		9,993,350	10,000,000	28,150	1FE
47788Z AC 5	JOHN DEERE FINANCIAL		04/08/2019	RBC DEXIA		5,971,500	6,000,000	4,853	1FE
539481 AL 5	LOBLAW COS LTD		04/09/2019	DESJARDIN		1,311,788	1,250,000	16,370	2FE
68245X AC 3	1011778 B.C. UNLIMIT		03/21/2019	JP MORGAN		(502,988)	(510,000)	(11,333)	3FE
683715 AB 2	OPEN TEXT CORP		06/20/2019	BARCLAYS		536,250	500,000	1,877	3FE
775109 BA 8	ROGERS COMMUNICATIONS		04/08/2019	BANK OF		3,164,850	3,000,000	9,205	2FE
82028K AT 8	SHAW COMMUNICATIONS		04/08/2019	T D SECURITIES		3,181,830	3,000,000	24,670	2FE
891145 T7 9	TORONTO DOMINION BK ONT		04/08/2019	T D SECURITIES		3,128,100	3,000,000	20,151	1FE
91831A AC 5	VRX ESCROW CORP		06/20/2019	VARIOUS		2,124,888	2,090,000	22,526	4FE
00772B AF 8	AERCAP IRELAND CAPIT	D	04/09/2019	BARCLAYS		613,854	600,000	10,950	2FE
03969A AL 4	ARDAGH PACKAGING	D	06/05/2019	JEFFERIES & CO.		2,010,000	2,000,000	37,333	4FE
06738E BF 1	BARCLAYS PLC	D	05/14/2019	MITSUBISHI		400,256	400,000	44	2FE
225433 AK 7	CREDIT SUISSE GRP FD	D	04/09/2019	MORGAN STANLEY		401,036	400,000	4,201	2FE

QE04.8

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
28228P AA 9	EG GLOBAL FIN PLC.....	D.....	05/02/2019.....	BARCLAYS.....		928,000	928,000		4FE.....
29273D AA 8	ENDO DESIGNATED ACT.....	D.....	06/20/2019.....	BANK AMERICA MERRILL.....		483,750	500,000	5,630	4FE.....
46115H AW 7	INTESA SANPAOLO S P.....	D.....	06/04/2019.....	BANK AMERICA MERRILL.....		382,940	400,000	8,946	3FE.....
53944Y AC 7	LLOYDS BKG GROUP PLC.....	D.....	04/09/2019.....	DEUTSCHE BANK.....		596,628	600,000	4,500	1FE.....
67052N AA 3	NUFARM AUSTRALIA LIM.....	D.....	06/20/2019.....	CITIGROUP.....		568,225	595,000	5,132	4FE.....
714264 AA 6	PERNOD RICARD S A.....	D.....	04/09/2019.....	AMHERST.....		631,398	600,000	383	2FE.....
80281L AD 7	SANTANDER UK PLC.....	D.....	04/09/2019.....	GOLDMAN SACHS.....		400,168	400,000	3,229	2FE.....
89705P AA 3	TRONOX FINANCE PLC.....	D.....	05/29/2019.....	CITIGROUP.....		380,000	400,000	3,769	4FE.....
904678 AQ 2	UNICREDIT SPA.....	D.....	03/26/2019.....	BANK AMERICA MERRILL.....		625,000	625,000		3FE.....
92769X AL 9	VIRGIN MEDIA SECD.....	D.....	06/20/2019.....	GOLDMAN SACHS.....		506,138	495,000	11,478	3FE.....
98954N AA 7	ZIGGO SECD FIN B V.....	D.....	06/20/2019.....	GOLDMAN SACHS.....		501,188	495,000	12,024	4FE.....
LW8907 54 2	NTT FINANCE CORP.....	D.....	04/09/2019.....	MABON NUGENT.....		586,626	600,000	2,533	1FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					190,367,419	189,174,929	1,611,380	XXX.....
Bonds - SVO Identified Funds									
464288 51 3	ISHARES IBOX HIGH YIELD CORP.....		04/02/2019.....	BANK AMERICA MERRILL.....		174,000,000	14,978,308	XXX.....	4.....
8199999	Total - Bonds - SVO Identified Funds.....						14,978,308	0	XXX.....
Bonds - Bank Loans									
BL2397 98 4	STERIGENICS INTL INC.....		03/29/2019.....	GOLDMAN SACHS.....		490,000	498,728		4FE.....
BL2414 59 9	MOHEGAN TRIBAL GAMING AUTHORITY.....		03/29/2019.....	GOLDMAN SACHS.....		395,861	418,900		4FE.....
BL2636 86 0	CHARTER NEX US INC.....		03/29/2019.....	GOLDMAN SACHS.....		607,828	623,414		4FE.....
BL2642 70 2	SABRE GLBL INC.....		03/29/2019.....	GOLDMAN SACHS.....		420,747	423,927		3FE.....
BL2697 52 4	ION TRADING FINANCE LTD.....		04/23/2019.....	GOLDMAN SACHS.....		540,375	550,000		4FE.....
BL2704 56 9	VERTAFORE INC.....		03/29/2019.....	GOLDMAN SACHS.....		268,463	274,313		4FE.....
8299999	Total - Bonds - Bank Loans.....					2,723,274	2,789,282	0	XXX.....
8399997	Total - Bonds - Part 3.....					656,494,641	607,102,540	4,324,705	XXX.....
8399999	Total - Bonds.....					656,494,641	607,102,540	4,324,705	XXX.....
Common Stocks - Industrial and Miscellaneous									
000361 10 5	AAR CORP.....		04/15/2019.....	VARIOUS.....		2,810,000	95,144	XXX	L.....
011659 10 9	ALASKA AIR GROUP INC.....		05/17/2019.....	COWEN & CO.....		1,450,000	90,915	XXX	L.....
03064D 10 8	AMERICOLD RLTY TR.....		06/20/2019.....	VARIOUS.....		17,230,000	572,063	XXX	L.....
045487 10 5	ASSOCIATED BANC CORP.....		05/06/2019.....	VARIOUS.....		4,050,000	92,938	XXX	L.....
049164 20 5	ATLAS AIR WORLDWIDE HLDGS.....		06/19/2019.....	J C BRADFORD.....		1,377,000	57,214	XXX	L.....
101137 10 7	BOSTON SCIENTIFIC CORP.....		05/06/2019.....	EVERCORE.....		327,000,000	12,191,606	XXX	L.....
125523 10 0	CIGNA CORP.....		05/22/2019.....	EVERCORE.....		78,000,000	11,989,427	XXX	L.....
131193 10 4	CALLAWAY GOLF CO.....		06/20/2019.....	VARIOUS.....		27,271,000	409,460	XXX	L.....
144285 10 3	CARPENTER TECHNOLOGY.....		05/10/2019.....	VARIOUS.....		13,476,000	655,933	XXX	L.....
171798 10 1	CIMAREX ENERGY CO.....		04/12/2019.....	COWEN & CO.....		1,410,000	99,046	XXX	L.....
204166 10 2	COMMVAULT SYSTEMS.....		06/13/2019.....	VARIOUS.....		4,840,000	240,497	XXX	L.....
22052L 10 4	CORTEVA INC.....		06/05/2019.....	SPINOFF.....		347,746,660	10,761,340	XXX	L.....
222795 10 6	COUSINS PPTYS INC.....		04/29/2019.....	VARIOUS.....		24,667,000	240,032	XXX	L.....
222795 50 2	COUSINS PPTYS INC.....		06/17/2019.....	SPINOFF.....		21,425,000	810,842	XXX	L.....
235825 20 5	DANA HOLDINGS CORP.....		06/19/2019.....	VARIOUS.....		13,995,000	250,052	XXX	L.....
260557 10 3	DOW INC.....		04/04/2019.....	SPINOFF.....		347,746,660	17,807,418	XXX	L.....
26614N 10 2	DUPONT DE NEMOURS INC.....		06/03/2019.....	SPINOFF.....		347,746,660	25,772,201	XXX	L.....

QE04.9

SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
27616P 10 3	EASTERLY GOVERNMENT.....		06/20/2019.....	VARIOUS.....	6,830,000	126,952	XXX		L.....
29275Y 10 2	ENERSYS.....		06/07/2019.....	VARIOUS.....	7,797,000	526,742	XXX		L.....
35137L 10 5	FOX CORP CLASS A.....		04/29/2019.....	COWEN.....	500,000,000	19,198,980	XXX		L.....
488401 10 0	KEMPER CORPORATION.....		06/05/2019.....	CS FIRST.....	1,291,000	107,153	XXX		L.....
489170 10 0	KENNAMETAL INC.....		06/14/2019.....	VARIOUS.....	19,405,000	729,494	XXX		L.....
501242 10 1	KULICKE & SOFFA INDS.....		06/05/2019.....	VARIOUS.....	6,750,000	141,926	XXX		L.....
548661 10 7	LOWES COS INC.....		05/22/2019.....	COWEN.....	57,000,000	5,662,562	XXX		L.....
575385 10 9	MASONITE CORP.....		06/20/2019.....	VARIOUS.....	1,852,000	94,887	XXX		L.....
61179L 10 0	MONTAGE RESOURCES CORP.....		04/18/2019.....	EXCHANGE.....	13,270,000	213,631	XXX		L.....
81369Y 88 6	SELECT SECTOR SPDR.....		06/06/2019.....	COWEN & CO.....	2,600,000,000	156,970,580	XXX		L.....
830566 10 5	SKECHERS U S A INC.....		05/01/2019.....	GOLDMAN SACHS.....	1,730,000	54,743	XXX		L.....
835898 10 7	SOTHEBY'S.....		06/12/2019.....	VARIOUS.....	3,947,000	142,348	XXX		L.....
848574 10 9	SPIRIT AEROSYSTEMS HLDGS.....		04/03/2019.....	JP MORGAN.....	33,000,000	2,900,862	XXX		L.....
87161C 50 1	SYNOVUS FINL CORP.....		05/15/2019.....	COWEN & CO.....	2,660,000	91,228	XXX		L.....
87305R 10 9	TTM TECHNOLOGIES INC.....		06/18/2019.....	VARIOUS.....	43,327,000	491,929	XXX		L.....
880779 10 3	TEREX CORP.....		06/20/2019.....	VARIOUS.....	6,040,000	179,125	XXX		L.....
904214 10 3	UMPQUA HLDGS CORP.....		04/16/2019.....	VARIOUS.....	5,400,000	96,268	XXX		L.....
912008 10 9	US FOODS HOLDING CORP.....		04/12/2019.....	JP MORGAN.....	2,670,000	95,279	XXX		L.....
91324P 10 2	UNITEDHEALTH GROUP INC.....		04/18/2019.....	COWEN.....	27,000,000	6,012,749	XXX		L.....
92532F 10 0	VERTEX PHARMACEUTICALS INC.....		05/03/2019.....	EVERCORE.....	72,000,000	12,475,793	XXX		L.....
947890 10 9	WEBSTER FINANCIAL CORP.....		06/07/2019.....	VARIOUS.....	1,950,000	92,664	XXX		L.....
22163N 10 6	COTT CORP.....		04/12/2019.....	VARIOUS.....	6,410,000	95,159	XXX		L.....
226718 10 4	CRITEO S.A.....	D.....	06/10/2019.....	VARIOUS.....	8,720,000	164,450	XXX		U.....
G1890L 10 7	CAPRI HOLDINGS LTD.....	D.....	04/12/2019.....	COWEN & CO.....	1,970,000	95,266	XXX		L.....
N59465 10 9	MYLAN NV.....	C.....	05/06/2019.....	EVERCORE.....	216,000,000	6,063,074	XXX		U.....
9099999	Total - Common Stocks - Industrial and Miscellaneous.....					294,959,972	XXX	0	XXX.....
Common Stocks - Parent, Subsidiaries and Affiliates									
30277@ 10 1	FMIC HOLDINGS, INC.....		05/29/2019.....	CAPITAL CONTRIBUTION.....		93,980	XXX		K.....
87282@ 10 4	TSB LOSS CONTROL CONSULTANTS, INC.....		05/29/2019.....	CAPITAL CONTRIBUTION.....		411,167	XXX		K.....
L3953# 10 4	FM INSURANCE EUROPE S.A.....		05/21/2019.....	TRANSACTION WITH AFFILIATE.....	227,000,000,000	279,700,000	XXX		K.....
9199999	Total - Common Stocks - Parent, Subsidiaries and Affiliates.....					280,205,147	XXX	0	XXX.....
Common Stocks - Mutual Funds									
464288 25 7	ISHARES MSCI ACW EQUITY.....		06/04/2019.....	COWEN.....	700,000,000	49,715,995	XXX		L.....
78464A 78 9	SPDR S&P INSURANCE ETF.....		05/03/2019.....	VARIOUS.....	2,058,000,000	67,404,221	XXX		L.....
9299999	Total - Common Stocks - Mutual Funds.....					117,120,216	XXX	0	XXX.....
9799997	Total - Common Stocks - Part 3.....					692,285,335	XXX	0	XXX.....
9799999	Total - Common Stocks.....					692,285,335	XXX	0	XXX.....
9899999	Total - Preferred and Common Stocks.....					692,285,335	XXX	0	XXX.....
9999999	Total - Bonds, Preferred and Common Stocks.....					1,348,779,976	XXX	4,324,705	XXX.....

QE04.10

(a) For all common stock bearing NAIC market indicator "U" provide the number of such issues:.....2.

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22	
										11	12	13	14	15								
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)	
Bonds - U.S. Government																						
36179N	LF 3		06/01/2019	MORTGAGE PAYDOWN		133,426	133,426	142,036	132,928		498		498		133,426			.0	2,641	08/20/2043	1	
36179Q	6P 1		06/01/2019	MORTGAGE PAYDOWN		227,083	227,083	239,112	226,765		319		319		227,083			.0	3,389	03/20/2045	1	
36179Q	RZ 6		06/01/2019	MORTGAGE PAYDOWN		237,436	237,436	254,629	237,212		224		224		237,436			.0	4,005	10/20/2044	1	
36179Q	YR 6		06/01/2019	MORTGAGE PAYDOWN		394,752	394,752	407,902	394,828		(77)		(77)		394,752			.0	4,961	01/20/2045	1	
36181G	DG 1		06/01/2019	MORTGAGE PAYDOWN		521,158	521,158	525,922	521,316		(158)		(158)		521,158			.0	7,457	06/20/2043	1	
36186N	WN 5		06/15/2019	MORTGAGE PAYDOWN		33,464	33,464	33,948	33,450		14		14		33,464			.0	419	08/15/2045	1	
36200Q	2T 0		06/01/2019	MORTGAGE PAYDOWN		4,692	4,692	4,794	4,697		(5)		(5)		4,692			.0	137	02/15/2032	1	
36200Q	JJ 4		06/01/2019	MORTGAGE PAYDOWN		1,731	1,731	1,789	1,731				0		1,731			.0	51	03/15/2032	1	
36201M	2F 8		06/01/2019	MORTGAGE PAYDOWN		7,121	7,121	7,366	7,122				0		7,121			.0	212	05/15/2032	1	
36202C	6Y 4		06/01/2019	MORTGAGE PAYDOWN		4,501	4,501	4,513	4,499		3		3		4,501			.0	115	12/20/2028	1	
36204J	NZ 5		06/15/2019	MORTGAGE PAYDOWN		3,969	3,969	3,600	3,948		22		22		3,969			.0	122	02/15/2024	1	
36209D	H9 8		06/01/2019	MORTGAGE PAYDOWN		242	242	237	242				0		242			.0	6	02/15/2029	1	
38381R	G6 0		06/20/2019	MORTGAGE PAYDOWN		79,379	79,379	79,305			125		125		79,379			.0	393	03/20/2049	1	
912828	4A 5		05/03/2019	BARCLAYS		5,048,820	5,000,000	4,999,813	4,999,869		10		10		4,999,879		48,940	48,940	89,521	02/28/2023	1	
912828	4V 9		04/05/2019	MORGAN STANLEY		36,112,891	35,000,000	34,582,617	34,591,839		10,212		10,212		34,602,051		1,510,840	1,510,840	650,449	08/15/2028	1	
912828	5F 3		04/08/2019	BARCLAYS		41,546,133	41,000,000	41,078,633	41,080,199		(7,174)		(7,174)		41,073,025		473,108	473,108	569,945	10/15/2021	1	
912828	5S 5		03/29/2019	DOMINION SECURI		6,018,281	6,000,000	5,996,484			376		376		5,996,860		21,421	21,421	37,707	12/31/2020	1	
912828	5X 4		06/03/2019	GOLDMAN SACHS		7,066,445	7,000,000	7,005,195			(793)		(793)		7,004,403		62,043	62,043	59,945	01/31/2021	1	
912828	5Z 9		04/08/2019	GOLDMAN SACHS		5,147,469	5,100,000	5,136,226			(149)		(149)		5,136,078		11,391	11,391	22,010	01/31/2024	1	
912828	6B 1		06/14/2019	VARIOUS		4,638,750	4,500,000	4,614,566			(70)		(70)		4,614,496		24,254	24,254	27,773	02/15/2029	1	
912828	QN 3		05/31/2019	WELLS FARGO		6,330,539	6,200,000	6,466,406	6,291,405		(15,871)		(15,871)		6,275,534		55,005	55,005	106,878	05/15/2021	1	
912828	RC 6		05/31/2019	WELLS FARGO		5,015,625	5,000,000	4,950,391	4,982,513		2,738		2,738		4,985,251		30,374	30,374	84,824	08/15/2021	1	
0599999	Total - Bonds - U.S. Government						118,573,907	116,448,954	116,535,484	93,514,563	0	(9,756)	0	(9,756)	0	116,336,531	0	2,237,376	2,237,376	1,672,960	XXX	XXX
Bonds - All Other Government																						
135087	D5 0		06/10/2019	RBC DEXIA		53,324,089	51,300,000	52,500,054	10,173,666		(10,793)		(10,793)		52,493,942		830,147	830,147	485,803	06/01/2025	1FE	
135087	G3 2		04/09/2019	RBC DEXIA		14,532,600	15,000,000	14,555,100			3,283		3,283		14,558,383		(25,783)	(25,783)	8,425	03/01/2022	1FE	
135087	J4 7		05/10/2019	RBC DEXIA		22,110,180	22,000,000	21,991,200	21,991,501		1,804		1,804		21,993,305		116,875	116,875	235,671	11/01/2020	1FE	
135087	J5 4		06/10/2019	RBC DEXIA		26,835,780	26,000,000	26,672,462			(10,378)		(10,378)		26,662,084		173,696	173,696	83,527	03/01/2024	1FE	
135087	J8 8		05/07/2019	CIBC WORLD MKTS		3,509,695	3,500,000	3,514,000			(114)		(114)		3,513,886		(4,191)	(4,191)	1,342	05/01/2021	1FE	
13509P	CA 9		05/10/2019	BANK OF		1,016,460	1,000,000	1,056,360	1,026,692		(8,053)		(8,053)		1,018,639		(2,179)	(2,179)	24,914	03/15/2020	1FE	
13509P	DB 6		05/10/2019	AMHERST		5,117,650	5,000,000	5,181,850	5,128,811		(14,300)		(14,300)		5,114,511		3,139	3,139	88,031	03/15/2022	1FE	
13509P	FC 2		06/19/2019	RBC DEXIA		1,988,920	2,000,000	1,955,200	1,957,878		9,998		9,998		1,967,876		21,044	21,044	12,911	12/15/2020	1FE	
1099999	Total - Bonds - All Other Government						128,435,374	125,800,000	127,426,226	40,278,548	0	(28,553)	0	(28,553)	0	127,322,626	0	1,112,748	1,112,748	940,624	XXX	XXX
Bonds - U.S. States, Territories and Possessions																						
13063A	4L 5		05/15/2019	VARIOUS		3,501,850	3,500,000	3,581,025	3,519,240		(2,904)		(2,904)		3,516,335		(14,485)	(14,485)	116,875	04/01/2021	1FE	
13063C	5Y 2		05/09/2019	FIDELITY CAP		3,682,200	3,000,000	3,543,780	3,460,989		(17,428)		(17,428)		3,443,561		238,639	238,639	117,500	08/01/2027	1FE	
341150	B9 0		04/17/2019	MESIROW		6,209,636	5,970,000	6,958,990	6,150,881		(36,643)		(36,643)		6,114,238		95,398	95,398	241,288	07/01/2020	1FE	
419792	XN 1		04/03/2019	BANK AMERICA MERRILL		2,427,984	1,950,000	2,382,081			(5,432)		(5,432)		2,376,649		51,335	51,335	11,917	01/01/2028	1FE	
46257T	ET 2		05/29/2019	PERSHING DLJ		1,908,360	1,500,000	1,892,715			0		0		1,892,715		15,645	15,645	06/01/2031	1FE		
57582R	MY 9		04/11/2019	GOLDMAN SACHS		2,299,700	2,000,000	2,295,660			(95)		(95)		2,295,565		4,135	4,135	3,889	04/01/2047	1FE	

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
60412A LC 5	MINNESOTA ST.....		06/04/2019	BANK AMERICA MERRILL.....		2,834,966	2,240,000	2,828,672			(3,651)		(3,651)		2,825,021		9,945	9,945	20,222	10/01/2027	1FE.....
70914P C2 6	PENNSYLVANIA ST.....		05/14/2019	NATL FINANCIAL SERV.....		816,703	670,000	809,916			(980)		(980)		808,936		7,768	7,768	5,676	09/15/2026	1FE.....
880541 WZ 6	TENNESSEE ST.....		05/14/2019	BARCLAYS.....		2,338,699	1,935,000	2,326,663			(416)		(416)		2,326,247		12,452	12,452	28,219	08/01/2033	1FE.....
93974D 2H 0	WASHINGTON ST.....		04/11/2019	JEFFERIES & CO.....		9,743,600	7,950,000	9,451,676	9,368,916		(31,244)		(31,244)		9,337,672		405,928	405,928	280,458	02/01/2030	1FE.....
93974D Y5 1	WASHINGTON ST.....		04/01/2019	JP MORGAN.....		2,021,451	1,625,000	1,979,445			(5,847)		(5,847)		1,973,598		47,853	47,853	13,993	08/01/2027	1FE.....
1799999	Total - Bonds - U.S. States, Territories & Possessions.....					37,785,149	32,340,000	38,050,623	22,500,026	0	(104,640)	0	(104,640)	0	36,910,537	0	874,613	874,613	840,037	XXX	XXX
Bonds - U.S. Political Subdivisions of States																					
25476F MV 7	DISTRICT OF COLUMBIA.....		04/12/2019	BARCLAYS.....		2,840,918	2,510,000	2,966,293	2,834,709		(20,614)		(20,614)		2,814,095		26,823	26,823	47,063	06/01/2023	1FE.....
34153P ST 6	FLORIDA ST BRD ED.....		06/01/2019	MATURITY.....		6,000,000	6,000,000	6,810,485	6,042,834		(42,834)		(42,834)		6,000,000		0	0	150,000	06/01/2019	1FE.....
613340 2H 0	MONTGOMERY CNTY MD.....		04/10/2019	MORGAN STANLEY.....		2,532,775	2,335,000	2,788,247	2,508,912		(16,711)		(16,711)		2,492,201		40,574	40,574	52,213	11/01/2021	1FE.....
64966K U5 0	NEW YORK N Y.....		04/10/2019	BANK AMERICA MERRILL.....		5,221,800	5,000,000	5,849,700	5,205,469		(35,905)		(35,905)		5,169,564		52,236	52,236	174,306	08/01/2020	1FE.....
2499999	Total - Bonds - U.S. Political Subdivisions of States.....					16,595,493	15,845,000	18,414,725	16,591,924	0	(116,064)	0	(116,064)	0	16,475,860	0	119,633	119,633	423,582	XXX	XXX
Bonds - U.S. Special Revenue and Special Assessment																					
014393 XE 7	ALDINE TX INDEP SCH DIST.....		05/16/2019	USB SECURITIES.....		2,542,271	2,070,000	2,532,935			(1,281)		(1,281)		2,531,654		10,616	10,616	27,313	02/15/2029	1FE.....
01757L DW 3	ALLEN CNTY OHIO HOSP.....		06/03/2019	MS.....		5,000,000	5,000,000	5,000,000			0		0		5,000,000		0	0	9,998	06/01/2034	1FE.....
040484 PN 1	ARIZONA BRD OF RGTS UNIV ARIZONA SYS REV.....		04/29/2019	PERSHING DLJ.....		2,644,220	2,320,000	2,625,985			(994)		(994)		2,624,991		19,229	19,229	38,667	06/01/2027	1FE.....
047849 GX 6	ATLANTA GA TAX ALLOCATIONS.....		04/24/2019	BANK AMERICA MERRILL.....		533,794	525,000	557,261	540,339		(5,320)		(5,320)		535,019		(1,226)	(1,226)	10,573	12/01/2019	2FE.....
047870 QT 0	ATLANTA GA WTR & WSTWTR REVENUE.....		04/01/2019	NATL FINANCIAL SERV.....		711,236	610,000	696,730			(526)		(526)		696,204		15,032	15,032	12,878	11/01/2047	1FE.....
051595 BG 0	AURORA COLO WTR REV.....		05/21/2019	BARCLAYS.....		5,387,743	4,455,000	5,391,129			(1,371)		(1,371)		5,389,759		(2,015)	(2,015)	69,300	08/01/2030	1FE.....
100853 TZ 3	BOSTON MASS.....		05/21/2019	PERSHING DLJ.....		2,397,477	2,180,000	2,397,629			(127)		(127)		2,397,503		(26)	(26)	19,862	03/01/2031	1FE.....
13062P HK 1	CALIFORNIA ST.....		04/12/2019	RBC CAP.....		361,146	300,000	359,232			(2,629)		(2,629)		356,603		4,543	4,543	11,688	02/01/2025	1FE.....
167593 GC 0	CHICAGO ILL O HARE I.....		04/12/2019	NATL FINANCIAL SERV.....		1,582,845	1,500,000	1,760,055	1,592,658		(13,328)		(13,328)		1,579,330		3,515	3,515	59,375	01/01/2021	1FE.....
167593 WM 0	CHICAGO ILL O HARE I.....		05/08/2019	JANNEY MONTGOME.....		2,842,140	2,390,000	2,810,186			(1,485)		(1,485)		2,808,700		33,440	33,440	44,962	01/01/2035	1FE.....
176553 HB 4	CITIZENS PROPERTY INSURANCE CORP FL.....		04/10/2019	BAIRD, ROBERT W.....		1,164,890	1,000,000	1,146,410	1,099,328		(3,928)		(3,928)		1,095,400		69,490	69,490	18,194	06/01/2025	1FE.....
179093 KJ 7	CLACKAMAS CNTY OR SCH DIST.....		03/28/2019	JP MORGAN.....		2,535,846	2,135,000	2,492,698			(1,581)		(1,581)		2,491,117		44,729	44,729	30,542	06/15/2040	1FE.....
19668Q KB 0	COLORADO ST BLDG EXC.....		04/03/2019	USB SECURITIES.....		336,518	280,000	327,760	326,089		(1,529)		(1,529)		324,560		11,958	11,958	7,661	03/15/2026	1FE.....
20774Y 3C 9	CONNECTICUT ST HEALT.....		04/11/2019	JP MORGAN.....		4,120,934	3,285,000	4,084,306			(1,613)		(1,613)		4,082,694		38,240	38,240	47,450	07/01/2040	1FE.....
20774Y QQ 3	CONNECTICUT ST HEALT.....		06/19/2019	BARCLAYS.....		2,617,104	2,240,000	2,613,542			(2,394)		(2,394)		2,611,148		5,956	5,956	52,889	07/01/2026	1FE.....
235241 TC 0	DALLASTX AREA RAPID TRNSIT SALES TAX REV.....		04/16/2019	BANK AMERICA MERRILL.....		2,746,526	2,160,000	2,710,109			(1,154)		(1,154)		2,708,954		37,572	37,572	2,700	12/01/2029	1FE.....
235241 TG 1	DALLASTX AREA RAPID TRNSIT SALES TAX REV.....		04/11/2019	BANK AMERICA MERRILL.....		3,600,478	2,890,000	3,595,102			(657)		(657)		3,594,445		6,032	6,032	2,408	12/01/2033	1FE.....
25476F XH 6	DISTRICT COLUMBIA.....		04/03/2019	GOLDMAN SACHS.....		1,407,060	1,125,000	1,383,851			(1,535)		(1,535)		1,382,317		24,743	24,743	6,875	10/15/2030	1FE.....
254845 QA 1	DISTRICT COLUMBIA WT.....		06/19/2019	GOLDMAN SACHS.....		3,051,888	2,565,000	3,050,016			(788)		(788)		3,049,228		2,660	2,660	28,500	10/01/2049	1FE.....
258885 N4 0	DOUGLAS CNTY COLO SC.....		05/14/2019	JP MORGAN.....		3,573,274	2,885,000	3,561,013			(1,619)		(1,619)		3,559,394		13,881	13,881	39,669	12/15/2026	1FE.....
29270C U5 2	ENERGY NORTHWEST WAS.....		04/12/2019	USB SECURITIES.....		3,586,869	2,925,000	3,593,597			(2,163)		(2,163)		3,591,433		(4,564)	(4,564)	42,656	07/01/2028	1FE.....
3128K1 B7 5	FHLMC PC GOLD COM.....		06/01/2019	MORTGAGE PAYDOWN.....		3,439	3,439	3,360	3,436		3		3		3,439		0	0	79	12/01/2030	1FE.....
3128K2 JM 2	FHLMC PC GOLD COM.....		06/01/2019	MORTGAGE PAYDOWN.....		2,179	2,179	2,129	2,178		2		2		2,179		0	0	50	01/01/2031	1FE.....
3128K4 YG 4	FHLMC PC GOLD COM.....		06/01/2019	MORTGAGE PAYDOWN.....		753	753	769	753		0		0		753		0	0	20	04/01/2036	1FE.....

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SCHEDULE D - PART 4

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

1	2		3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
											11	12	13	14	15							
CUSIP Identification	Description		Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
3128K7	4Z	8	FHLMC PC	GOLD COM.....	06/01/2019	MORTGAGE PAYDOWN.....		3,787	3,787	3,951	3,793		(6)	(6)	3,787			0	113	09/01/2033	1FE.....	
3128K9	F2	5	FHLMC PC	GOLD COM.....	06/01/2019	MORTGAGE PAYDOWN.....		2,214	2,214	2,116	2,212		2	2	2,214			0	47	02/01/2036	1FE.....	
3128KD	5D	3	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		545	545	553	545			0	545			0	15	08/01/2036	1FE.....	
3128KF	J3	5	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		1,735	1,735	1,781	1,735			0	1,735			0	51	10/01/2036	1FE.....	
3128KF	L2	4	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		679	679	698	679			0	679			0	19	10/01/2036	1FE.....	
3128KM	UW	3	FHLMC PC.....		06/01/2019	MORTGAGE PAYDOWN.....		1,644	1,644	1,626	1,643			0	1,644			0	38	03/01/2037	1FE.....	
3128KQ	HL	3	FHLMC PC.....		06/01/2019	MORTGAGE PAYDOWN.....		3,622	3,622	3,495	3,621		2	2	3,622			0	84	05/01/2037	1FE.....	
3128LX	FW	5	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		58,552	58,552	54,462	58,340		211	211	58,552			0	1,185	12/01/2035	1FE.....	
3128M7	5T	9	FHLMC PC.....		06/01/2019	MORTGAGE PAYDOWN.....		41,263	41,263	43,262	41,344		(81)	(81)	41,263			0	868	08/01/2040	1FE.....	
3128M7	EK	8	FHLMC PC.....		06/01/2019	MORTGAGE PAYDOWN.....		26,707	26,707	26,210	26,686		22	22	26,707			0	470	02/01/2039	1FE.....	
3128M8	NC	4	FHLMC PC.....		06/01/2019	MORTGAGE PAYDOWN.....		22,475	22,475	24,708	22,578		(103)	(103)	22,475			0	568	11/01/2039	1FE.....	
3128MJ	2M	1	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		291,143	291,143	286,549	290,808		335	335	291,143			0	4,378	09/01/2047	1FE.....	
3128MJ	4A	5	FGLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		59,818	59,818	59,807				0	59,818			0	383	06/01/2048	1FE.....	
3128MJ	B8	2	FHLMC PC.....		06/01/2019	MORTGAGE PAYDOWN.....		21,460	21,460	21,440	21,460			0	21,460			0	449	06/01/2035	1FE.....	
3128MJ	E8	9	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		8,147	8,147	8,381	8,169		(22)	(22)	8,147			0	250	10/01/2036	1FE.....	
3128MJ	QG	8	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		45,546	45,546	48,777	45,625		(79)	(79)	45,546			0	827	07/01/2041	1FE.....	
3128MM	EC	3	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		2,692	2,692	2,710	2,693		(1)	(1)	2,692			0	66	07/01/2021	1FE.....	
3128P8	DF	5	FEDERAL NATL MG.....		06/01/2019	MORTGAGE PAYDOWN.....		312,303	312,303	319,232	312,532		(229)	(229)	312,303			0	3,971	10/01/2036	1FE.....	
3128P8	E2	3	FEDERAL NATL MG.....		06/01/2019	MORTGAGE PAYDOWN.....		261,334	261,334	278,504	262,761		(1,427)	(1,427)	261,334			0	4,184	08/01/2037	1FE.....	
3128PC	DJ	8	FHLMC PC.....		06/01/2019	MORTGAGE PAYDOWN.....		11,376	11,376	11,589	11,395		(19)	(19)	11,376			0	285	01/01/2021	1FE.....	
3128PC	MS	8	FHLMC PC	GOLD 15.....	06/01/2019	MORTGAGE PAYDOWN.....		2,133	2,133	2,167	2,136		(3)	(3)	2,133			0	53	02/01/2021	1FE.....	
3128PC	TV	4	FHLMC PC	GOLD 15.....	06/01/2019	MORTGAGE PAYDOWN.....		12,791	12,791	12,998	12,809		(18)	(18)	12,791			0	300	03/01/2021	1FE.....	
3128PC	TW	2	FHLMC PC	GOLD 15.....	06/01/2019	MORTGAGE PAYDOWN.....		9,492	9,492	9,646	9,504		(13)	(13)	9,492			0	237	03/01/2021	1FE.....	
3128PH	N9	8	FHLMC PC	GOLD 15.....	06/01/2019	MORTGAGE PAYDOWN.....		10,039	10,039	10,235	10,055		(16)	(16)	10,039			0	251	01/01/2021	1FE.....	
3128PH	PL	9	FHLMC PC	GOLD 15.....	06/01/2019	MORTGAGE PAYDOWN.....		31,362	31,362	31,950	31,403		(41)	(41)	31,362			0	784	01/01/2021	1FE.....	
3128PY	DL	5	FHLMC PC	GOLD 15.....	06/01/2019	MORTGAGE PAYDOWN.....		156,531	156,531	164,333	156,891		(361)	(361)	156,531			0	1,952	02/01/2027	1FE.....	
31292G	5W	2	FHLMC GOLD PC.....		06/01/2019	MORTGAGE PAYDOWN.....		600	600	601	600			0	600			0	19	09/01/2029	1FE.....	
31292H	AK	0	FHLMC GOLD PC.....		06/01/2019	MORTGAGE PAYDOWN.....		99	99	95	99			0	99			0	3	01/01/2030	1FE.....	
31292H	QN	7	FHLMC PC	GOLD CAS.....	06/01/2019	MORTGAGE PAYDOWN.....		4,694	4,694	4,622	4,689		5	5	4,694			0	115	05/01/2032	1FE.....	
31292K	ZP	5	FHLMC PC	GOLD CAS.....	06/01/2019	MORTGAGE PAYDOWN.....		173,072	173,072	180,049	173,369		(297)	(297)	173,072			0	3,313	03/01/2040	1FE.....	
312930	5P	1	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		23,794	23,794	23,789	23,795		(1)	(1)	23,794			0	448	03/01/2039	1FE.....	
312939	PM	7	FHLMC GOLD PC.....		06/01/2019	MORTGAGE PAYDOWN.....		166,657	166,657	175,129	166,878		(221)	(221)	166,657			0	3,470	03/01/2040	1FE.....	
312940	4Q	9	FHLMC PC	GOLD COM.....	06/01/2019	MORTGAGE PAYDOWN.....		24,733	24,733	26,183	24,943		(209)	(209)	24,733			0	520	06/01/2040	1FE.....	
312940	NZ	6	FHLMC PC	GOLD COM.....	06/01/2019	MORTGAGE PAYDOWN.....		99,080	99,080	99,862	99,119		(38)	(38)	99,080			0	2,106	05/01/2040	1FE.....	
312941	NL	7	FHLMC PC	GOLD COM.....	06/01/2019	MORTGAGE PAYDOWN.....		49,900	49,900	52,040	50,168		(268)	(268)	49,900			0	957	07/01/2040	1FE.....	
312944	PJ	4	FHLMC.....		06/01/2019	MORTGAGE PAYDOWN.....		73,829	73,829	78,063	73,382		447	447	73,829			0	1,237	12/01/2040	1FE.....	
31294B	6P	5	FHLMC GOLD PC.....		06/01/2019	MORTGAGE PAYDOWN.....		271	271	270	271			0	271			0	8	01/01/2030	1FE.....	
31294F	PT	7	FHLMC GOLD PC.....		06/01/2019	MORTGAGE PAYDOWN.....		19	19	19	19			0	19			0	1	05/01/2030	1FE.....	
31294F	T5	5	FHLMC GOLD PC.....		06/01/2019	MORTGAGE PAYDOWN.....		1	1	1	1			0	1			0		05/01/2030	1FE.....	
31296M	3Z	0	FHLMC PC	GOLD COM.....	06/01/2019	MORTGAGE PAYDOWN.....		8,419	8,419	8,405	8,419		1	1	8,419			0	175	09/01/2033	1FE.....	
31296S	M3	7	FHLMC	FHLMC.....	06/01/2019	MORTGAGE PAYDOWN.....		57,998	57,998	59,239	58,022		(24)	(24)	57,998			0	1,556	01/01/2034	1FE.....	

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SCHEDULE D - PART 4

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

1	2		3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
											11	12	13	14	15							
CUSIP Identification	Description		Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
31296S M5 2	FHLMC	FHLMC		06/01/2019	MORTGAGE PAYDOWN		4,599	4,599	4,775	4,602		(3)		(3)	4,599			.0	.116	01/01/2034	1FE	
31297M AQ 1	FHLMC PC	GOLD COM		06/01/2019	MORTGAGE PAYDOWN		4,688	4,688	4,725	4,688		(1)		(1)	4,688			.0	.110	03/01/2035	1FE	
31297M XV 5	FHLMC PC	GOLD COM		06/01/2019	MORTGAGE PAYDOWN		3,750	3,750	3,592	3,743		6		6	3,750			.0	.078	04/01/2030	1FE	
31297P ME 8	FHLMC PC	GOLD COM		06/01/2019	MORTGAGE PAYDOWN		512	512	533	512				0	512			.0	.14	10/01/2034	1FE	
31297T WF 6	FHLMC PC	GOLD COM		06/01/2019	MORTGAGE PAYDOWN		9,384	9,384	8,972	9,370		14		14	9,384			.0	.196	09/01/2035	1FE	
31297U SF 8	FHLMC PC	GOLD COM		06/01/2019	MORTGAGE PAYDOWN		2,126	2,126	2,036	2,123		3		3	2,126			.0	.47	10/01/2030	1FE	
31297V Y8 5	FHLMC PC	GOLD COM		06/01/2019	MORTGAGE PAYDOWN		3,924	3,924	3,775	3,922		2		2	3,924			.0	.83	11/01/2035	1FE	
31298N FU 4	FHLMC PC	GOLD CAS		06/01/2019	MORTGAGE PAYDOWN		1,105	1,105	935	918		187		187	1,105			.0	.32	05/01/2031	1FE	
31306X 2A 0	FHLMC			06/01/2019	MORTGAGE PAYDOWN		448,415	448,415	467,759	449,961		(1,546)		(1,546)	448,415			.0	4,613	10/01/2027	1FE	
31307M 2H 8	FHLMC			06/01/2019	MORTGAGE PAYDOWN		216,421	216,421	220,817	216,630		(209)		(209)	216,421			.0	2,179	05/01/2030	1FE	
31307P Q5 1	FHLMC			06/01/2019	MORTGAGE PAYDOWN		377,291	377,291	390,010	378,041		(750)		(750)	377,291			.0	4,579	11/01/2030	1FE	
31307Q RE 9	FHLMC			06/01/2019	MORTGAGE PAYDOWN		619,169	619,169	649,740	621,091		(1,922)		(1,922)	619,169			.0	8,466	05/01/2031	1FE	
31307R 6V 2	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		272,774	272,774	283,131	273,053		(279)		(279)	272,774			.0	3,125	10/01/2031	1FE	
31307U EL 8	FREDDIE MAC GOLD			06/01/2019	MORTGAGE PAYDOWN		497,428	497,428	512,195	498,431		(1,003)		(1,003)	497,428			.0	6,409	07/01/2032	1FE	
31307V 5J 1	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		791,234	791,234	799,641	791,883		(649)		(649)	791,234			.0	10,912	05/01/2033	1FE	
31307V YN 0	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		186,076	186,076	189,391	186,423		(347)		(347)	186,076			.0	2,728	04/01/2033	1FE	
31307W 3E 2	FHLMC			06/01/2019	MORTGAGE PAYDOWN		205,485	205,485	208,599	205,485		(230)		(230)	205,485			.0	2,675	11/01/2033	1FE	
3132GG A2 1	FHLMC PC	GOLD PC		06/01/2019	MORTGAGE PAYDOWN		101,370	101,370	105,187	101,592		(222)		(222)	101,370			.0	1,809	08/01/2041	1FE	
3132GS BF 5	FHLMC PC	GOLD PC		06/01/2019	MORTGAGE PAYDOWN		466,284	466,284	481,949	467,236		(952)		(952)	466,284			.0	5,865	03/01/2042	1FE	
3132GV L6 7	FHLMC			06/01/2019	MORTGAGE PAYDOWN		205,937	205,937	213,724	206,090		(153)		(153)	205,937			.0	2,555	08/01/2042	1FE	
3132HP KK 9	FHLMC			06/01/2019	MORTGAGE PAYDOWN		42,789	42,789	43,979	42,807		(18)		(18)	42,789			.0	505	11/01/2042	1FE	
3132HP NB 6	FHLMC			06/01/2019	MORTGAGE PAYDOWN		183,114	183,114	191,454	183,285		(171)		(171)	183,114			.0	2,233	11/01/2042	1FE	
3132HQ EG 3	FHLMC			06/01/2019	MORTGAGE PAYDOWN		1,088,195	1,088,195	1,139,204	1,090,085		(1,890)		(1,890)	1,088,195			.0	14,376	12/01/2041	1FE	
3132J6 E6 7	FHLMC			06/01/2019	MORTGAGE PAYDOWN		494,082	494,082	507,438	494,276		(194)		(194)	494,082			.0	6,181	02/01/2043	1FE	
3132J7 K6 8	FHLMC PC	GOLD PC		06/01/2019	MORTGAGE PAYDOWN		46,691	46,691	48,690	46,713		(22)		(22)	46,691			.0	587	03/01/2043	1FE	
3132J9 G7 7	FHLMC PC	GOLD PC		06/01/2019	MORTGAGE PAYDOWN		364,276	364,276	379,758	364,835		(559)		(559)	364,276			.0	4,605	05/01/2043	1FE	
3132J9 TD 0	FHLMC PC	GOLD PC		06/01/2019	MORTGAGE PAYDOWN		49,095	49,095	50,813	49,112		(17)		(17)	49,095			.0	718	05/01/2043	1FE	
3132QR QE 3	FHLMC			06/01/2019	MORTGAGE PAYDOWN		49,954	49,954	51,577	49,983		(29)		(29)	49,954			.0	696	07/01/2045	1FE	
3132QU RS 4	FHLMC			06/01/2019	MORTGAGE PAYDOWN		240,338	240,338	248,193	240,747		(409)		(409)	240,338			.0	3,500	12/01/2045	1FE	
3132QU UZ 4	FHLMC			06/01/2019	MORTGAGE PAYDOWN		337,261	337,261	335,470	337,210		51		51	337,261			.0	4,707	12/01/2045	1FE	
3132WD MZ 4	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		541,625	541,625	570,992	543,071		(1,446)		(1,446)	541,625			.0	7,499	05/01/2046	1FE	
3132WK KE 7	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		823,286	823,286	840,845	824,346		(1,060)		(1,060)	823,286			.0	12,364	01/01/2047	1FE	
3132XS ED 8	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		352,411	352,411	364,236	353,285		(875)		(875)	352,411			.0	5,342	08/01/2047	1FE	
3132XS KG 4	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		201,057	201,057	208,220	201,581		(524)		(524)	201,057			.0	3,427	08/01/2047	1FE	
3132XT MS 4	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		314,763	314,763	322,152	315,376		(613)		(613)	314,763			.0	4,877	10/01/2047	1FE	
3132XU NA 9	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		329,053	329,053	338,873	329,477		(424)		(424)	329,053			.0	4,500	11/01/2047	1FE	
3132XW BJ 9	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		113,947	113,947	113,991	113,949		(2)		(2)	113,947			.0	1,494	01/01/2048	1FE	
3132XX GL 7	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		147,657	147,657	146,203	147,541		116		116	147,657			.0	2,252	03/01/2048	1FE	
3132XY G8 4	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		55,812	55,812	57,094	55,914		(102)		(102)	55,812			.0	932	04/01/2048	1FE	
3132Y0 4E 7	FEDERAL NATL MTG			06/01/2019	MORTGAGE PAYDOWN		87,976	87,976	89,296	88,071		(95)		(95)	87,976			.0	1,457	07/01/2048	1FE	

QE053

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
3136B3	UT 5		05/25/2019	MORTGAGE PAYDOWN		239,292	239,292	238,394			.57		.57		239,292			.0	2,246	01/25/2049	1FE
31371H	X9 4		05/01/2019	MORTGAGE PAYDOWN		8,492	8,492	7,643	7,974		.518		.518		8,492			.0	232	10/01/2029	1FE
31371J	BD 5		05/01/2019	MORTGAGE PAYDOWN		2,376	2,376	2,328	2,375		.2		.2		2,376			.0	.69	02/01/2030	1FE
31371L	T9 0		05/01/2019	MORTGAGE PAYDOWN		2,912	2,912	3,059	2,917		(.6)		(.6)		2,912			.0	.71	08/01/2019	1FE
31371N	MC 6		05/01/2019	MORTGAGE PAYDOWN		17,229	17,229	17,697	17,257		(.28)		(.28)		17,229			.0	.503	10/01/2022	1FE
31379R	WW 4		05/01/2019	MORTGAGE PAYDOWN		.377	.377	.364	.376				.0		.377			.0	.11	06/01/2028	1FE
3137BR	N7 6		06/15/2019	MORTGAGE PAYDOWN		22,164	22,164	22,081			.12		.12		22,164			.0	.219	08/15/2046	1FE
31383T	JH 2		05/01/2019	MORTGAGE PAYDOWN		1,293	1,293	1,237	1,291		.1		.1		1,293			.0	.35	09/01/2029	1FE
31385W	X8 7		05/01/2019	MORTGAGE PAYDOWN		28,601	28,601	29,928	28,669		(.68)		(.68)		28,601			.0	.789	09/01/2032	1FE
31389F	S4 5		05/01/2019	MORTGAGE PAYDOWN		2,162	2,162	2,170	2,162				.0		2,162			.0	.59	02/01/2032	1FE
3138A7	4J 4		05/01/2019	MORTGAGE PAYDOWN		155,548	155,548	164,842	156,023		(.475)		(.475)		155,548			.0	2,760	03/01/2041	1FE
3138AB	Z3 6		05/01/2019	MORTGAGE PAYDOWN		72,224	72,224	75,057	72,368		(.144)		(.144)		72,224			.0	1,517	04/01/2041	1FE
3138AH	7B 6		05/01/2019	MORTGAGE PAYDOWN		5,890	5,890	6,286	5,894		(.4)		(.4)		5,890			.0	.123	07/01/2041	1FE
3138AS	PL 0		05/01/2019	MORTGAGE PAYDOWN		31,628	31,628	33,157	31,708		(.80)		(.80)		31,628			.0	.527	09/01/2041	1FE
3138E0	AE 9		05/01/2019	MORTGAGE PAYDOWN		13,859	13,859	14,679	13,870		(.12)		(.12)		13,859			.0	.231	01/01/2042	1FE
3138E2	VY 8		05/01/2019	MORTGAGE PAYDOWN		45,057	45,057	48,634	45,183		(.126)		(.126)		45,057			.0	.790	12/01/2041	1FE
3138E5	CL 0		05/01/2019	MORTGAGE PAYDOWN		102,137	102,137	107,531	102,383		(.246)		(.246)		102,137			.0	1,327	01/01/2027	1FE
3138ED	WV 9		05/01/2019	MORTGAGE PAYDOWN		631,787	631,787	663,475	632,766		(.979)		(.979)		631,787			.0	10,122	05/01/2042	1FE
3138EN	LD 9		05/01/2019	MORTGAGE PAYDOWN		240,362	240,362	259,891	240,943		(.580)		(.580)		240,362			.0	4,812	09/01/2044	1FE
3138EP	2D 5		05/01/2019	MORTGAGE PAYDOWN		27,772	27,772	29,158	27,837		(.65)		(.65)		27,772			.0	.463	07/01/2045	1FE
3138LS	KA 7		05/01/2019	MORTGAGE PAYDOWN		195,993	195,993	207,538	196,628		(.635)		(.635)		195,993			.0	2,602	05/01/2042	1FE
3138LT	Q6 8		05/01/2019	MORTGAGE PAYDOWN		210,911	210,911	223,697	211,387		(.477)		(.477)		210,911			.0	2,268	06/01/2027	1FE
3138M7	Z2 6		05/01/2019	MORTGAGE PAYDOWN		518,796	518,796	554,058	519,545		(.750)		(.750)		518,796			.0	6,689	12/01/2042	1FE
3138NX	SZ 2		05/01/2019	MORTGAGE PAYDOWN		59,533	59,533	62,696	59,032		.501		.501		59,533			.0	1,053	02/01/2043	1FE
3138WE	MM 8		05/01/2019	MORTGAGE PAYDOWN		116,255	116,255	120,578	116,504		(.249)		(.249)		116,255			.0	1,178	05/01/2030	1FE
3138WK	KB 0		05/01/2019	MORTGAGE PAYDOWN		226,669	226,669	221,782	226,429		.241		.241		226,669			.0	3,167	03/01/2037	1FE
3138WQ	Q5 4		05/01/2019	MORTGAGE PAYDOWN		40,840	40,840	40,419	40,830		.10		.10		40,840			.0	.511	05/01/2043	1FE
3138WV	S7 7		05/01/2019	MORTGAGE PAYDOWN		319,054	319,054	329,224	320,144		(1,090)		(1,090)		319,054			.0	3,771	06/01/2028	1FE
3138XP	QX 4		05/01/2019	MORTGAGE PAYDOWN		143,396	143,396	155,697	143,507		(.111)		(.111)		143,396			.0	3,159	02/01/2044	1FE
3138XP	VH 3		05/01/2019	MORTGAGE PAYDOWN		30,817	30,817	32,596	30,883		(.66)		(.66)		30,817			.0	.445	05/01/2029	1FE
3138Y4	SJ 9		05/01/2019	MORTGAGE PAYDOWN		235,976	235,976	248,291	237,249		(1,272)		(1,272)		235,976			.0	3,446	10/01/2029	1FE
3138Y6	F3 3		05/01/2019	MORTGAGE PAYDOWN		4,711	4,711	5,000	4,713		(.2)		(.2)		4,711			.0	.79	11/01/2044	1FE
3138YE	JM 0		05/01/2019	MORTGAGE PAYDOWN		103,356	103,356	105,658	103,455		(.99)		(.99)		103,356			.0	1,077	06/01/2030	1FE
3138YJ	Z3 3		05/01/2019	MORTGAGE PAYDOWN		163,113	163,113	170,937	164,063		(.950)		(.950)		163,113			.0	2,800	04/01/2045	1FE
3138YJ	ZJ 8		05/01/2019	MORTGAGE PAYDOWN		235,586	235,586	247,135	236,178		(.992)		(.992)		235,586			.0	3,427	03/01/2045	1FE
3138YJ	ZX 7		05/01/2019	MORTGAGE PAYDOWN		20,873	20,873	21,874	20,899		(.27)		(.27)		20,873			.0	.304	04/01/2045	1FE
3138YK	WE 9		05/01/2019	MORTGAGE PAYDOWN		44,330	44,330	45,895	44,424		(.94)		(.94)		44,330			.0	.648	05/01/2045	1FE
3138YU	UG 4		05/01/2019	MORTGAGE PAYDOWN		36,758	36,758	39,062	36,827		(.69)		(.69)		36,758			.0	.612	07/01/2045	1FE
3138YU	UU 3		05/01/2019	MORTGAGE PAYDOWN		179,273	179,273	191,444	179,380		(.107)		(.107)		179,273			.0	2,989	10/01/2045	1FE
3138YW	LC 9		05/01/2019	MORTGAGE PAYDOWN		18,488	18,488	19,634	18,697		(.210)		(.210)		18,488			.0	.309	07/01/2045	1FE
31390F	4E 6		05/01/2019	MORTGAGE PAYDOWN		2,844	2,844	2,940	2,848		(.4)		(.4)		2,844			.0	.82	05/01/2032	1FE

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
31390G	CE 5 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		1,267	1,267	1,310	1,269		(2)		(2)		1,267			.0	.37	05/01/2032	1FE
31390J	3P 4 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		1,005	1,005	1,071	1,006		(1)		(1)		1,005			.0	.31	07/01/2032	1FE
31391Q	JP 0 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		20,850	20,850	21,449	20,872		(22)		(22)		20,850			.0	.597	11/01/2032	1FE
31396W	3U 8 FEDERAL NATL MG		05/25/2019	MORTGAGE PAYDOWN		193,509	193,509	192,390			.42		.42		193,509			.0	1,864	08/25/2037	1FE
31398Q	HB 6 FHLMC CMBS		05/25/2019	MORTGAGE PAYDOWN		35,229	35,229	35,579	35,229				.0		35,229			.0	.614	03/25/2020	1FE
31402E	R7 5 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		3,463	3,463	3,505	3,464		(1)		(1)		3,463			.0	.72	08/01/2033	1FE
31402G	R4 7 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		7,481	7,481	7,568	7,487		(6)		(6)		7,481			.0	.124	07/01/2033	1FE
31402L	QU 9 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		6,589	6,589	6,665	6,592		(3)		(3)		6,589			.0	.128	08/01/2033	1FE
31403F	PK 4 FEDERAL NATL MG FNMA		05/01/2019	MORTGAGE PAYDOWN		80,365	80,365	84,958	80,552		(187)		(187)		80,365			.0	1,786	10/01/2033	1FE
31403J	W6 9 FEDERAL NATL MG FNMA		05/01/2019	MORTGAGE PAYDOWN		7,825	7,825	7,996	7,867		(42)		(42)		7,825			.0	.182	12/01/2033	1FE
31403N	GB 7 FEDERAL NATL MG FNMA		05/01/2019	MORTGAGE PAYDOWN		1,472	1,472	1,509	1,473		(1)		(1)		1,472			.0	.34	11/01/2033	1FE
31404M	L4 8 FEDERAL NATL MG FNMA		05/01/2019	MORTGAGE PAYDOWN		85,609	85,609	87,803	85,656		(47)		(47)		85,609			.0	1,961	03/01/2034	1FE
31404P	LS 8 FNMA PASS-THRU INT 15 Y		03/31/2019	MORTGAGE PAYDOWN		16,604	16,604	16,163	16,439		166		166		16,604			.0	.279	04/01/2019	1FE
31404W	TV 8 FNMA PASS-THRU INT 15 Y		05/01/2019	MORTGAGE PAYDOWN		12,238	12,238	12,001	12,138		100		100		12,238			.0	.226	05/01/2019	1FE
31405R	AM 8 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		43,373	43,373	44,160	43,427		(53)		(53)		43,373			.0	1,157	10/01/2034	1FE
31405R	AN 6 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		4,809	4,809	4,896	4,810		(1)		(1)		4,809			.0	.110	10/01/2034	1FE
31405R	G3 4 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		.850	.850	.861	.850				.0		.850			.0	.20	09/01/2034	1FE
31406B	F2 1 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		1,782	1,782	1,809	1,783				.0		1,782			.0	.30	01/01/2035	1FE
31406C	TB 4 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		6,955	6,955	7,070	6,956		(2)		(2)		6,955			.0	.159	12/01/2034	1FE
31406E	ML 5 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		125,499	125,499	127,577	126,013		(514)		(514)		125,499			.0	2,874	01/01/2035	1FE
31406E	Z5 6 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		2,267	2,267	2,228	2,266		.1		.1		2,267			.0	.47	03/01/2035	1FE
31406K	LR 9 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		6,977	6,977	7,092	6,979		(2)		(2)		6,977			.0	.160	01/01/2035	1FE
31406L	JC 3 FED NATL MTG ASSN #813059		05/01/2019	MORTGAGE PAYDOWN		4,665	4,665	4,533	4,641		.25		.25		4,665			.0	.109	03/01/2035	1FE
31406M	LG 9 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		8,573	8,573	8,630	8,574		(1)		(1)		8,573			.0	.197	01/01/2035	1FE
31407B	HM 4 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		95,156	95,156	92,457	95,109		.47		.47		95,156			.0	2,179	06/01/2035	1FE
31407E	VE 0 FNMA PASS-THRU INT 15 Y		05/01/2019	MORTGAGE PAYDOWN		48,380	48,380	49,370	48,439		(59)		(59)		48,380			.0	1,084	07/01/2020	1FE
31407F	DK 3 FNMA PASS-THRU INT 15 Y		05/01/2019	MORTGAGE PAYDOWN		22,490	22,490	21,297	22,343		.147		.147		22,490			.0	.383	10/01/2020	1FE
31407L	MV 6 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		63,213	63,213	62,680	63,201		.13		.13		63,213			.0	1,439	06/01/2035	1FE
31407S	A2 8 FNMA PASS-THRU LNG 30 Y		05/01/2019	MORTGAGE PAYDOWN		17,460	17,460	16,617	17,300		.160		.160		17,460			.0	.302	08/01/2035	1FE
31408H	KX 2 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		41,325	41,325	39,840	41,303		.23		.23		41,325			.0	.947	02/01/2036	1FE
31409F	E6 1 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		4,028	4,028	3,996	4,028		.1		.1		4,028			.0	.92	03/01/2036	1FE
31409T	RE 0 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		5,713	5,713	5,534	5,710		.3		.3		5,713			.0	.131	04/01/2036	1FE
31409X	5A 3 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		76,580	76,580	77,496	76,592		(12)		(12)		76,580			.0	1,665	05/01/2036	1FE
3140E5	3K 8 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		47,443	47,443	49,386	47,573		(130)		(130)		47,443			.0	.691	10/01/2045	1FE
3140E8	V6 2 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		376,036	376,036	392,987	376,887		(851)		(851)		376,036			.0	5,250	11/01/2045	1FE
3140EB	MN 8 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		436,428	436,428	460,533	436,746		(318)		(318)		436,428			.0	7,412	04/01/2046	1FE
3140EU	TK 5 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		392,604	392,604	411,591	392,783		(179)		(179)		392,604			.0	6,727	01/01/2046	1FE
3140EW	7A 7 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		185,142	185,142	189,727	185,260		(118)		(118)		185,142			.0	2,183	03/01/2046	1FE
3140EY	XJ 5 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		49,133	49,133	51,521	49,319		(186)		(186)		49,133			.0	.616	04/01/2031	1FE
3140F0	BP 8 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		7,009	7,009	7,571	7,066		(57)		(57)		7,009			.0	.131	07/01/2046	1FE
3140F0	JZ 8 FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		423,372	423,372	405,511	422,191		1,182		1,182		423,372			.0	4,329	10/25/2031	1FE

QE055

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
3140F3 6F 0	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		264,491	264,491	270,752	264,658		(167)		(167)		264,491				3,480	06/01/2046	1FE
3140F5 NN 9	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		258,433	258,433	255,970	258,351		83		83		258,433				3,227	07/01/2046	1FE
3140F8 JK 4	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		298,889	298,889	307,879	299,140		(251)		(251)		298,889				3,310	10/01/2046	1FE
3140FA 5J 7	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		23,099	23,099	24,791	23,186		(87)		(87)		23,099				434	06/01/2047	1FE
3140FB EK 2	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		168,078	168,078	175,668	168,381		(303)		(303)		168,078				3,115	08/01/2046	1FE
3140FK BZ 2	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		215,037	215,037	216,616	215,096		(59)		(59)		215,037				2,236	11/01/2031	1FE
3140FK JB 7	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		36,522	36,522	35,911	36,511		11		11		36,522				457	10/01/2046	1FE
3140FL N5 3	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		24,560	24,560	24,367	24,557		3		3		24,560				306	11/01/2046	1FE
3140FM BD 7	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		351,571	351,571	337,014	350,967		604		604		351,571				4,215	11/25/2036	1FE
3140FM R9 9	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		240,439	240,439	237,856	240,359		80		80		240,439				2,958	01/01/2047	1FE
3140FP 2K 4	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		46,578	46,578	44,591	46,512		66		66		46,578				584	01/01/2047	1FE
3140FS C4 3	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		45,108	45,108	46,331	45,221		(113)		(113)		45,108				655	04/01/2047	1FE
3140FS CJ 0	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		160,636	160,636	169,063	162,248		(1,612)		(1,612)		160,636				3,134	02/01/2047	1FE
3140FS CU 5	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		20,086	20,086	20,748	20,117		(30)		(30)		20,086				292	03/01/2047	1FE
3140FS DB 6	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		270,659	270,659	279,699	271,537		(878)		(878)		270,659				4,571	05/01/2047	1FE
3140FS MH 3	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		37,953	37,953	39,887	38,240		(287)		(287)		37,953				633	08/01/2047	1FE
3140GR XK 5	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		454,367	454,367	468,105	455,361		(994)		(994)		454,367				5,493	07/01/2032	1FE
3140GW P5 6	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		147,662	147,662	148,193	147,703		(41)		(41)		147,662				2,146	09/01/2047	1FE
3140H5 T3 5	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		18,396	18,396	19,085	18,447		(51)		(51)		18,396				345	06/01/2048	1FE
3140H5 TW 1	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		551,626	551,626	573,346	552,462		(836)		(836)		551,626				10,343	06/01/2048	1FE
3140H5 UF 6	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		333,922	333,922	353,410	338,662		(4,740)		(4,740)		333,922				8,273	07/01/2048	1FE
3140HB LY 2	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		297,892	297,892	309,039	298,285		(393)		(393)		297,892				4,654	03/01/2048	1FE
3140HB MQ 8	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		200,576	200,576	204,368	200,721		(145)		(145)		200,576				2,794	04/01/2048	1FE
3140HD HV 9	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		424,232	424,232	428,739	424,486		(254)		(254)		424,232				8,229	05/01/2048	1FE
3140HD J7 0	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		40,961	40,961	41,825	40,610		(13)		(13)		40,961				215	10/01/2048	1FE
3140HE HR 6	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		340,347	340,347	349,095	340,610		(263)		(263)		340,347				4,619	03/01/2048	1FE
3140HE HZ 8	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		421,217	421,217	431,879	424,141		(2,924)		(2,924)		421,217				8,353	04/01/2048	1FE
3140HE QB 6	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		1,945,443	1,945,443	2,018,322	1,956,942		(11,498)		(11,498)		1,945,443				39,950	06/01/2048	1FE
3140HK ZB 7	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		386,632	386,632	402,219	387,143		(510)		(510)		386,632				5,893	07/01/2048	1FE
3140HL 3C 8	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		13,203	13,203	13,853	13,203		(19)		(19)		13,203				55	06/01/2048	1FE
3140HL BA 3	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		369,054	369,054	383,586	370,580		(1,526)		(1,526)		369,054				5,604	06/01/2048	1FE
3140HN 5C 2	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		29,153	29,153	30,481	29,402		(249)		(249)		29,153				611	08/01/2048	1FE
3140HP 4H 7	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		1,181	1,181	1,239	1,181		(1)		(1)		1,181				5	09/01/2048	1FE
3140JG WF 8	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		634,561	634,561	666,388	635,785		(1,224)		(1,224)		634,561				11,636	09/01/2048	1FE
3140JJ NW 5	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		854,098	854,098	881,189	855,453		(1,355)		(1,355)		854,098				12,648	12/01/2048	1FE
3140JJ P8 6	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		44,396	44,396	45,260	44,396		(14)		(14)		44,396				299	02/01/2049	1FE
3140JJ PT 0	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		23,745	23,745	24,795	23,745		(4)		(4)		23,745				491	01/01/2049	1FE
3140JL 4M 3	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		65,502	65,502	68,040	65,502		(41)		(41)		65,502				491	12/01/2048	1FE
3140Q7 AB 3	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		445,546	445,546	448,592	445,669		(123)		(123)		445,546				6,409	07/01/2037	1FE
3140Q7 E9 4	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		80,066	80,066	81,643	80,139		(73)		(73)		80,066				1,026	08/01/2037	1FE
3140Q7 PD 3	FEDERAL NATL MTG		05/01/2019	MORTGAGE PAYDOWN		183,177	183,177	184,837	183,285		(109)		(109)		183,177				1,889	09/01/2032	1FE

QE056

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
3140Q8	KB 0		05/01/2019	MORTGAGE PAYDOWN		311,018	311,018	303,971	310,777		240		240		311,018				3,666	02/01/2048	1FE
3140Q9	5P 4		05/01/2019	MORTGAGE PAYDOWN		36,947	36,947	38,765			(72)		(72)		36,947				154	08/01/2048	1FE
31410E	2N 7		05/01/2019	MORTGAGE PAYDOWN		374	374	371	374				0		374				9	07/01/2036	1FE
31410G	PQ 0		05/01/2019	MORTGAGE PAYDOWN		9,009	9,009	9,636	9,050		(41)		(41)		9,009				266	11/01/2037	1FE
31410S	4X 2		05/01/2019	MORTGAGE PAYDOWN		1,217	1,217	1,237	1,217				0		1,217				33	09/01/2036	1FE
31410U	GK 2		05/01/2019	MORTGAGE PAYDOWN		4,543	4,543	4,334	4,541		2		2		4,543				104	03/01/2037	1FE
31410W	3E 6		05/01/2019	MORTGAGE PAYDOWN		6,379	6,379	6,552	6,402		(24)		(24)		6,379				186	09/01/2022	1FE
31411A	JG 1		05/01/2019	MORTGAGE PAYDOWN		4,773	4,773	4,804	4,774		(1)		(1)		4,773				120	11/01/2036	1FE
31411H	P7 9		05/01/2019	MORTGAGE PAYDOWN		94,469	94,469	95,266	94,485		(16)		(16)		94,469				2,819	01/01/2037	1FE
31411N	XZ 5		05/01/2019	MORTGAGE PAYDOWN		3,654	3,654	3,551	3,653		1		1		3,654				84	03/01/2037	1FE
31411W	AU 1		05/01/2019	MORTGAGE PAYDOWN		1,550	1,550	1,562	1,550				0		1,550				39	04/01/2037	1FE
31411W	FH 5		05/01/2019	MORTGAGE PAYDOWN		16,607	16,607	16,614	16,607				0		16,607				415	05/01/2022	1FE
31412L	D2 3		05/01/2019	MORTGAGE PAYDOWN		6,808	6,808	6,546	6,801		6		6		6,808				159	03/01/2037	1FE
31412S	4L 6		05/01/2019	MORTGAGE PAYDOWN		11,320	11,320	11,451	11,322		(2)		(2)		11,320				230	04/01/2038	1FE
31412S	5T 8		05/01/2019	MORTGAGE PAYDOWN		1,954	1,954	1,974	1,954				0		1,954				49	05/01/2038	1FE
31414U	5K 0		05/01/2019	MORTGAGE PAYDOWN		37,627	37,627	37,856	37,631		(4)		(4)		37,627				1,118	05/01/2038	1FE
31416R	QR 7		05/01/2019	MORTGAGE PAYDOWN		89,543	89,543	89,529	89,543				0		89,543				1,885	06/01/2039	1FE
31416X	LY 4		05/01/2019	MORTGAGE PAYDOWN		106,312	106,312	113,837	107,166		(854)		(854)		106,312				1,820	01/01/2026	1FE
31416X	NA 4		05/01/2019	MORTGAGE PAYDOWN		45,638	45,638	46,536	45,690		(52)		(52)		45,638				867	02/01/2041	1FE
31418A	SC 3		05/01/2019	MORTGAGE PAYDOWN		298,566	298,566	305,796	298,823		(257)		(257)		298,566				5,146	04/01/2043	1FE
31418B	S8 0		05/01/2019	MORTGAGE PAYDOWN		40,006	40,006	42,706	40,131		(125)		(125)		40,006				602	07/01/2045	1FE
31418C	4M 3		05/01/2019	MORTGAGE PAYDOWN		13,551	13,551	14,217			(28)		(28)		13,551				56	11/25/2048	1FE
31418C	M4 3		05/01/2019	MORTGAGE PAYDOWN		155,193	155,193	152,089	155,067		126		126		155,193				1,933	07/01/2037	1FE
31418P	UE 3		05/01/2019	MORTGAGE PAYDOWN		19,521	19,521	19,964	19,543		(22)		(22)		19,521				366	03/01/2040	1FE
31418U	4W 1		05/01/2019	MORTGAGE PAYDOWN		56,800	56,800	62,676	57,048		(247)		(247)		56,800				1,208	07/01/2040	1FE
31419A	DS 3		05/01/2019	MORTGAGE PAYDOWN		33,891	33,891	36,857	34,015		(124)		(124)		33,891				809	09/01/2039	1FE
31419J	SH 2		05/01/2019	MORTGAGE PAYDOWN		121,908	121,908	121,279	121,873		35		35		121,908				2,190	11/01/2040	1FE
31419M	AU 5		05/01/2019	MORTGAGE PAYDOWN		359,576	359,576	379,184	361,158		(1,582)		(1,582)		359,576				5,542	12/01/2025	1FE
353204	AW 0		04/03/2019	BANK AMERICA MERRILL		1,180,090	1,000,000	1,164,860			(601)		(601)		1,164,259		15,831	15,831	17,222	06/01/2043	1FE
362848	TX 1		06/04/2019	BARCLAYS		2,780,470	2,300,000	2,769,752			(1,566)		(1,566)		2,768,186		12,284	12,284	20,764	10/01/2025	1FE
373384	6K 7		05/08/2019	JP MORGAN		3,097,007	2,505,000	3,068,850			(5,201)		(5,201)		3,063,649		33,358	33,358	44,881	01/01/2028	1FE
387460	PF 9		06/04/2019	GOLDMAN SACHS		1,645,116	1,320,000	1,614,281			(3,383)		(3,383)		1,610,898		34,218	34,218	33,917	06/01/2029	1FE
39081H	BZ 4		05/21/2019	JEFFERIES & CO		4,036,854	3,175,000	3,987,197			(4,141)		(4,141)		3,983,056		53,798	53,798	101,424	07/01/2029	1FE
402207	AD 6		05/09/2019	JP MORGAN		8,000,000	8,000,000	8,000,000					0		8,000,000				13,221	11/01/2041	1FE
403760	JD 5		04/15/2019	BARCLAYS		7,843,457	7,290,000	8,916,909	7,874,080		(46,011)		(46,011)		7,828,070		15,387	15,387	259,200	08/01/2022	1FE
414005	XF 0		06/04/2019	JP MORGAN		1,951,444	1,655,000	1,949,276			(148)		(148)		1,949,128		2,316	2,316	14,941	10/01/2024	1FE
41422E	EN 9		06/13/2019	BARCLAYS		2,303,360	2,000,000	2,301,740			(2,032)		(2,032)		2,299,708		3,652	3,652	12,778	11/01/2023	1FE
41981C	NE 6		04/29/2019	MORGAN STANLEY		1,621,100	1,485,000	1,612,265			(99)		(99)		1,612,166		8,935	8,935	19,800	01/01/2035	1FE
442435	4B 6		04/16/2019	JANNEY MONTGOME		7,574,631	6,565,000	7,625,510	7,220,617		(27,657)		(27,657)		7,192,960		381,672	381,672	139,506	05/15/2025	1FE
44244C	JJ 7		05/15/2019	J P MORGAN		370,000	370,000	425,190	412,806		(1,748)		(1,748)		411,058		(41,058)	(41,058)	10,175	11/15/2026	1FE
45200F	FS 3		04/06/2019	JP MORGAN		500,000	500,000	500,000					0		500,000				1,405	11/01/2038	1FE

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
45200F VH 9	ILLINOIS ST FIN AUTH REVENUE.....		04/06/2019	JP MORGAN.....		4,500,000	4,500,000	4,500,000					0		4,500,000			0	13,084	02/15/2033	1FE.....
45470R CW 4	INDIANA ST FIN AUTH REVENUE.....		04/30/2019	PERSHING DLJ.....		2,897,080	2,300,000	2,884,384			(3,230)		(3,230)		2,881,154		15,926	15,926	48,236	06/01/2028	1FE.....
45506D X2 6	INDIANA ST FIN AUTH REVENUE.....		06/04/2019	WELLS FARGO.....		2,958,163	2,385,000	2,922,770			(1,772)		(1,772)		2,920,998		37,165	37,165	43,725	02/01/2038	1FE.....
490728 ZB 1	KENT STATE UNIV OHIO UNIV REVS.....		05/20/2019	J P MORGAN.....		720,000	720,000	759,170	733,879		(3,950)		(3,950)		729,928		(9,928)	(9,928)	19,900	05/01/2020	1FE.....
49474F JY 7	KING CNTY WASH.....		04/16/2019	S&P SECURITIES.....		6,325,098	5,395,000	6,717,584	6,308,733		(33,137)		(33,137)		6,275,596		49,502	49,502	215,051	07/01/2026	1FE.....
494782 KA 2	KING CNTY WA SCH DIST #1.....		04/24/2019	RBC CAP.....		6,112,132	5,200,000	5,949,476	5,800,235		(24,981)		(24,981)		5,775,254		336,878	336,878	104,722	12/01/2025	1FE.....
495098 YV 1	KING CNTY WASH SCH D.....		06/11/2019	JP MORGAN.....		2,181,012	1,770,000	2,140,957			(5,359)		(5,359)		2,135,598		45,414	45,414	47,200	12/01/2028	1FE.....
517845 FV 0	LAS VEGAS VLY NV WTR DIST.....		04/23/2019	CIT GROUP.....		570,645	505,000	573,054			(1,229)		(1,229)		571,825		(1,180)	(1,180)	2,876	06/01/2023	1FE.....
542424 VE 3	LONG BEACH CA HARBOR REVENUE.....		04/16/2019	PERSHING DLJ.....		1,337,105	1,150,000	1,336,082			(123)		(123)		1,335,959		1,146	1,146	24,438	05/15/2047	1FE.....
544445 HU 6	LOS ANGELES CA EPT OF ARPTS ARPT REV		06/18/2019	MORGAN STANLEY.....		1,137,807	1,035,000	1,136,616			(1,594)		(1,594)		1,135,022		2,784	2,784	5,031	05/15/2022	1FE.....
55844P UG 1	MADISON WI AREA TECH CLG.....		03/26/2019	FIRST TENNESSEE.....		1,209,488	1,125,000	1,203,446			(30)		(30)		1,203,417		6,071	6,071	94	03/01/2026	1FE.....
55844P UK 2	MADISON WI AREA TECH CLG.....		06/04/2019	PERSHING DLJ.....		477,991	435,000	467,660			(134)		(134)		467,526		10,465	10,465	508	03/01/2028	1FE.....
575579 GG 6	MASSACHUSETTS BAY TRANSN.....		04/11/2019	BANK AMERICA MERRILL.....		5,188,331	4,955,000	6,225,512	5,191,213		(44,985)		(44,985)		5,146,228		42,103	42,103	214,992	07/01/2020	1FE.....
57582N 4G 7	MASSACHUSETTS ST.....		05/09/2019	JP MORGAN.....		4,000,000	4,000,000	4,000,000					0		4,000,000			0	1,444	03/01/2026	1FE.....
57582R MU 7	MASSACHUSETTS ST.....		05/08/2019	BANK AMERICA MERRILL.....		2,654,602	2,240,000	2,646,179			(134)		(134)		2,646,045		8,557	8,557	12,133	04/01/2037	1FE.....
575896 TF 2	MASSACHUSETTS ST POR.....		06/13/2019	PERSHING DLJ.....		1,060,139	860,000	1,045,038			(1,326)		(1,326)		1,043,712		16,427	16,427	14,811	07/01/2033	1FE.....
59261A PZ 4	METROPOLITAN TRANSN.....		05/16/2019	VARIOUS.....		2,320,969	1,870,000	2,312,853			(720)		(720)		2,312,133		8,836	8,836	48,049	11/15/2029	1FE.....
59656N F9 8	MIDDLESEX CNTY NJ.....		06/19/2019	PERSHING DLJ.....		380,877	350,000	379,414			(143)		(143)		379,271		1,606	1,606	438	06/01/2027	1FE.....
59656N G3 0	MIDDLESEX CNTY NJ.....		06/10/2019	STIEFL-F.....		953,057	885,000	947,295			(94)		(94)		947,202		5,855	5,855	443	06/01/2029	1FE.....
603790 LL 8	MINNEAPOLIS MN SPL SCH DIST.....		03/28/2019	RAYMOND JAMES.....		1,773,293	1,575,000	1,809,360	1,762,581		(11,072)		(11,072)		1,751,509		21,783	21,783	52,500	02/01/2023	1FE.....
60635H X6 1	MISSOURI ST HEALTH.....		05/15/2019	J P MORGAN.....		2,770,000	2,770,000	2,778,088					0		2,778,088		(8,088)	(8,088)	72,713	05/15/2029	1FE.....
645918 T9 4	NEW JERSEY ECONOMIC DEV AUTH.....		04/10/2019	JEFFERIES & CO.....		3,163,651	2,925,000	3,021,233	2,995,375		(2,343)		(2,343)		2,993,032		170,619	170,619	89,781	03/01/2026	2FE.....
646136 E6 4	NEW JERSEY ST TRANSN TR.....		06/15/2019	MATURITY.....		1,600,000	1,600,000	1,821,328	1,614,798		(14,798)		(14,798)		1,600,000			0		06/15/2019	2FE.....
64966F A8 7	NEW YORK N Y.....		05/01/2019	T D SECURITIES.....		2,000,000	2,000,000	2,000,000					0		2,000,000			0	6,060	04/01/2036	1FE.....
64966M SW 0	NEW YORK N Y.....		04/01/2019	PERSHING DLJ.....		2,942,687	2,370,000	2,903,060			(3,113)		(3,113)		2,899,948		42,739	42,739	20,408	08/01/2028	1FE.....
64966Q BB 5	NEW YORK NY.....		04/01/2019	JEFFERIES & CO.....		2,699,178	2,280,000	2,661,011			(1,122)		(1,122)		2,659,889		39,289	39,289	33,250	12/01/2042	1FE.....
64972F 6X 9	NEW YORK N Y CITY MU.....		05/01/2019	USBCORP.....		6,000,000	6,000,000	6,000,000					0		6,000,000			0	5,740	06/15/2045	1FE.....
64972G AW 4	NEW YORK N Y CITY MU.....		06/20/2019	GOLDMAN SACHS.....		2,000,000	2,000,000	2,000,000					0		2,000,000			0	3,347	06/15/2032	1FE.....
64972G MK 7	NEW YORK N Y CITY MU.....		05/01/2019	JEFFERIES & CO.....		1,500,000	1,500,000	1,500,000					0		1,500,000			0	1,465	06/15/2049	1FE.....
64972G PT 5	NEW YORK CITY NY MUNI WTR FIN AUTH		04/01/2019	CIT GROUP.....		2,574,290	2,220,000	2,602,173	2,594,988		(1,726)		(1,726)		2,593,263		(18,973)	(18,973)	33,300	06/15/2048	1FE.....
64990A MZ 5	NEW YORK ST DORM AUTH SALES TAX REVENUE		05/03/2019	MORGAN STANLEY.....		2,356,552	1,985,000	2,321,934			(1,128)		(1,128)		2,320,806		35,747	35,747	14,336	03/15/2048	1FE.....
650035 8D 3	NEW YORK ST URBAN DEV CORP REVENUE		04/12/2019	GOLDMAN SACHS.....		2,826,424	2,410,000	2,852,139			(442)		(442)		2,851,697		(25,273)	(25,273)	30,125	03/15/2044	1FE.....
655867 YK 9	NORFOLK VA.....		06/04/2019	BARCLAYS.....		1,978,726	1,640,000	1,971,067			(125)		(125)		1,970,942		7,784	7,784	27,106	08/01/2044	1FE.....
67766W WX 6	OHIO ST WTR DEV AUTH.....		05/20/2019	WELLS FARGO.....		1,823,955	1,505,000	1,821,983			(1,142)		(1,142)		1,820,842		3,113	3,113	35,744	12/01/2025	1FE.....
67766W XK 3	OHIO ST WTR DEV AUTH.....		04/08/2019	MORGAN STANLEY.....		5,000,000	5,000,000	5,000,000					0		5,000,000			0	8,459	12/01/2036	1FE.....
70869P JA 6	PENNSYLVANIA ST ECON DEV AUTH REV		06/30/2019	MATURITY.....		2,540,000	2,540,000	2,874,670	2,580,165		(40,165)		(40,165)		2,540,000			0	63,500	06/30/2019	2FE.....

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	For rei gn	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization / Accretion)	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
70914P YQ 9	PENNSYLVANIA ST GO.....		04/01/2019	CIT GROUP.....		2,224,330	1,915,000	2,216,536					(6,391)		2,210,145		14,185	14,185	12,767	08/15/2024	1FE.....
73358W XW 9	PORT AUTH OF NEW YORK & NEW JERSEY NY.....		04/03/2019	PERSHING DLJ.....		3,212,494	2,975,000	3,495,863	3,225,139				(22,832)		3,202,307		10,187	10,187	70,243	10/15/2021	1FE.....
736754 LP 5	PORTLAND ORE WTR SYS REV.....		04/16/2019	MESIROW.....		7,112,402	6,320,000	7,926,797	7,184,664				(41,743)		7,142,921		(30,520)	(30,520)	172,922	10/01/2024	1FE.....
762197 KD 2	RHODE ISLAND ST HLTH I& EDUCTL REV.....		04/17/2019	CIT GROUP.....		6,103,955	5,500,000	6,963,110	6,070,177				(46,322)		6,023,856		80,099	80,099	176,458	09/01/2022	1FE.....
780486 GN 0	ROYAL OAK MI HOSP FIN AUTH.....		04/12/2019	PERSHING DLJ.....		129,741	115,000	134,823	130,901				(953)		129,948		(207)	(207)	3,594	09/01/2023	1FE.....
791697 DX 0	SAINT LOUIS MO SPL ADMIN BRD OF THE TRAN.....		06/11/2019	BANK AMERICA MERRILL.....		2,192,829	2,060,000	2,192,355					(1,791)		2,190,564		2,265	2,265	20,600	04/01/2021	1FE.....
797355 SV 2	SAN DIEGO CA UNIF SCH DIST.....		03/29/2019	PERSHING DLJ.....		2,610,898	2,220,000	2,604,571					(117)		2,604,454		6,444	6,444	28,058	07/01/2041	1FE.....
801315 KH 4	SANTA BARARA CA UNIF SCH DIST.....		06/04/2019	VARIOUS.....		3,875,742	3,190,000	3,850,767					(2,646)		3,848,120		27,622	27,622	41,371	08/01/2044	1FE.....
833085 3P 6	SNOHOMISH CNTY WASH.....		06/04/2019	CITIGROUP.....		2,702,875	2,575,000	2,683,202					(191)		2,683,010		19,864	19,864	52,931	12/01/2043	1FE.....
838530 QS 5	SOUTH JERSEY NJ PORT CORP.....		06/19/2019	WELLS FARGO.....		354,765	320,000	353,968	348,411				(2,503)		345,908		8,856	8,856	15,556	01/01/2024	2FE.....
888808 HG 0	TOBACCO SETTLEMENT FING CORP NJ.....		04/11/2019	GOLDMAN SACHS.....		4,674,160	4,000,000	4,464,760	4,444,625				(8,133)		4,436,492		237,668	237,668	74,444	06/01/2031	1FE.....
88880P BY 9	TOBACCO SETTLEMENT FING C.....		04/10/2019	JEFFERIES & CO.....		8,483,600	8,000,000	9,039,360	8,341,027				(39,028)		8,301,999		181,601	181,601	163,333	05/15/2021	1FE.....
89602R ED 3	TRIBOROUGH BRDG & TU.....		06/20/2019	GOLDMAN SACHS.....		2,000,000	2,000,000	2,000,000					0		2,000,000				4,312	01/01/2032	1FE.....
91412H EM 1	UNIV OF CALIFORNIA CA REVENUES.....		03/26/2019	WELLS FARGO.....		1,519,203	1,255,000	1,498,583					(352)		1,498,231		20,972	20,972	1,569	05/15/2039	1FE.....
91417K MK 4	UNIVERSITY COLO ENTE.....		06/03/2019	ISSUE CALLED at 100.000.....		1,250,000	1,250,000	1,265,913					(208)		1,265,705		(15,705)	(15,705)	33,594	06/01/2032	1FE.....
915115 6W 4	UNIV OF TEXAS TX PERMANENT UNIV FND.....		04/15/2019	JP MORGAN.....		5,888,050	5,000,000	6,415,150	6,045,512				(45,130)		6,000,383		(112,333)	(112,333)	198,611	07/01/2028	1FE.....
917567 AS 8	UTAH TRAN AUTH SALES.....		05/21/2019	BARCLAYS.....		2,070,163	1,750,000	2,070,163					(529)		2,069,634		529	529	38,403	06/15/2030	1FE.....
92778V EE 4	VIGINIA ST CLG BLDG AUTH EDUCTNL FACS.....		05/09/2019	SCOTT & ASSOCIATES.....		6,061,150	5,000,000	6,069,750	5,977,040				(24,715)		5,952,325		108,825	108,825	195,833	02/01/2031	1FE.....
928172 L8 6	VIRGINIA ST PUBLIC BLDG AUTH PUBLIC FAC.....		04/01/2019	CIT GROUP.....		3,104,486	2,660,000	3,095,814					(2,372)		3,093,443		11,043	11,043	22,906	08/01/2024	1FE.....
930863 6W 0	WAKE CNTY N C.....		04/29/2019	BANK AMERICA MERRILL.....		2,487,723	2,100,000	2,479,239					(2,389)		2,476,850		10,873	10,873	17,500	03/01/2025	1FE.....
938782 DR 7	WASHINGTON D C MET AREA T.....		04/11/2019	BANK AMERICA MERRILL.....		3,164,147	3,140,000	3,394,780	3,223,149				(6,421)		3,216,728		(52,581)	(52,581)	130,048	07/01/2022	1FE.....
938782 FP 9	WASHINGTON DC MET AREA TRANSIT AUTH GROS.....		04/01/2019	RAYMOND JAMES.....		1,850,606	1,555,000	1,815,976					(2,016)		1,813,960		36,645	36,645	19,869	07/01/2034	1FE.....
93978H FG 5	WASHINGTON ST HLTH CARE FACS AUTH.....		04/10/2019	MESIROW.....		1,015,500	1,000,000	1,186,930	1,020,840				(7,748)		1,013,091		2,409	2,409	26,528	10/01/2019	1FE.....
977100 FR 2	WISCONSIN ST GEN FD.....		04/23/2019	BANK AMERICA MERRILL.....		2,697,210	2,695,000	2,704,217					0		2,704,217		(7,007)	(7,007)	77,706	05/01/2027	1FE.....
97710B 5T 5	WISCONSIN ST HLTH & EDUCTNL FACS AUTH RE.....		04/01/2019	MATURITY.....		245,000	245,000	274,535	246,213				(1,213)		245,000				4,900	04/01/2019	1FE.....
97712D WA 0	WISCONSIN ST HLTH & EDUCTNL FAC AUT REV.....		05/16/2019	JP MORGAN.....		3,242,680	2,800,000	3,182,452					(3,327)		3,179,125		63,555	63,555	19,056	04/01/2048	1FE.....
3199999	Total - Bonds - U.S. Special Revenue and Special Assessments.....					301,012,380	271,202,631	307,630,829	126,564,476	0	(669,121)	0	(669,121)	0	298,686,522	0	2,325,854	2,325,854	4,709,606	XXX	XXX
Bonds - Industrial and Miscellaneous																					
00164V AD 5	AMC NETWORKS INC.....		05/03/2019	BANK AMERICA MERRILL.....		558,250	550,000	550,000	522,500	27,500			27,500		550,000		8,250	8,250	16,500	04/01/2024	3FE.....
00206R CN 0	AT & T INC.....		04/17/2019	GOLDMAN SACHS.....		996,190	1,000,000	997,040	998,000				87		998,087		(1,897)	(1,897)	14,828	05/15/2025	2FE.....
00489L AC 7	ACRISURE LLC / ACRIS.....		04/17/2019	MIZUHO.....		181,125	175,000	181,125					(16)		181,109		16	16	3,239	02/15/2024	4FE.....

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SCHEDULE D - PART 4

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

QE05.10

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
00774C AB 3	AECOM.....		04/26/2019	CITIGROUP.....		110,550	110,000	110,726	94,600	16,020	(20)		16,000		110,600		(50)	(50)	3,523	03/15/2027	3FE.....
02154C AD 5	ALTICE FINANCING S.A.....		04/23/2019	BANK AMERICA MERRILL.....		763,563	750,000	764,063	240,625	12,098	(841)		11,257		762,820		742	742	28,055	02/15/2023	4FE.....
02154E AB 5	ALTICE FINANCING S.A.....		05/13/2019	JP MORGAN.....		1,547,188	1,500,000	1,540,222	1,402,500	125,197	(1,608)		123,589		1,526,089		21,098	21,098	99,701	01/15/2024	5FE.....
02154V AA 9	ALTICE FINANCING SA.....		06/06/2019	JP MORGAN.....		1,190,636	1,168,000	1,116,528	1,067,260	56,148	5,018		61,166		1,128,427		39,574	39,574	95,806	05/15/2022	5FE.....
03674X AJ 5	ANTERO RESOURCES CORP.....		05/10/2019	BARCLAYS.....		448,268	458,000	449,547	409,500	33,996	354		34,350		451,412		(3,145)	(3,145)	16,094	03/01/2025	3FE.....
038522 AQ 1	ARAMARK SVCS INC.....		05/07/2019	RBC CAP.....		352,188	350,000	348,530	327,250	21,331	36		21,367		348,617		3,571	3,571	13,514	02/01/2028	3FE.....
04021L AA 8	ARGOS MERGER SUB INC.....		05/02/2019	CS FIRST.....		264,000	300,000	215,250	176,250	41,528	4,976		46,504		222,755		41,246	41,246	13,716	03/15/2023	5FE.....
053773 BB 2	AVIS BUDGET CAR RENT.....		04/02/2019	MORGAN STANLEY.....		205,000	200,000	201,000	192,000	8,895	(64)		8,831		200,831		4,169	4,169	6,481	04/01/2024	4FE.....
05401A AD 3	AVOLON HLDGS FDG LTD.....		06/06/2019	CANA COR.....		366,685	350,000	350,000					0		350,000		16,685	16,685	5,053	05/15/2024	2FE.....
05972M AA 2	BANCORP COMM MORTG TRUST.....		05/17/2019	MORTGAGE PAYDOWN.....		3,996	3,996	3,996					0		3,996				19	03/15/2036	1FE.....
07274N AJ 2	BAYER US FIN II LLC.....		04/16/2019	MK TAXES SYS.....		2,022,040	2,000,000	1,996,220	1,996,423		133		133		1,996,556		25,484	25,484	29,042	12/15/2025	2FE.....
097751 BP 5	BOMBARDIER INC.....		03/11/2019	J P MORGAN.....		1,590,095	1,439,000	1,500,257	1,423,189	23,604	(3,770)		19,834		1,484,171		105,924	105,924	41,271	12/01/2021	4FE.....
12527G AE 3	CF INDS INC.....		06/11/2019	JEFFERIES & CO.....		315,875	350,000	331,625	284,813	47,097	147		47,244		332,056		(16,181)	(16,181)	14,005	03/15/2044	3FE.....
12555D AB 1	CIM TRUST.....		05/25/2019	VARIOUS.....		22,539	22,539	22,494			7		7		22,539				101	02/25/2049	1FE.....
125581 GX 0	CIT GROUP INC.....		04/11/2019	CIT GROUP.....		529,625	475,000	487,273	283,290	710	(188)		522		487,085		42,540	42,540	17,235	03/09/2028	3FE.....
126307 AU 1	CSC HOLDINGS INC.....		04/04/2019	BARCLAYS.....		308,250	300,000	300,000	282,750	17,250			17,250		300,000		8,250	8,250	6,554	05/15/2026	3FE.....
12654T AA 8	CNX MIDSTREAM PTR/CNX.....		05/30/2019	JEFFERIES & CO.....		168,375	175,000	176,875	167,125	9,540	(98)		9,442		176,566		(8,191)	(8,191)	7,511	03/15/2026	4FE.....
126670 QT 8	COUNTRYWIDE ASSET-BACKED.....		05/25/2019	MORTGAGE PAYDOWN.....		92,245	92,245	24,520	23,948				0		23,948		68,297	68,297	1,755	05/25/2036	1FM.....
126685 DX 1	CWHEQ HEQ LN TR 2006-S2 A-3.....		05/25/2019	MORTGAGE PAYDOWN.....		88,554	90,552	18,778	14,004		34,315		34,315		48,320		40,234	40,234	2,278	07/25/2027	1FM.....
143436 AL 7	CARMIKE CINEMAS.....		04/25/2019	JP MORGAN.....		522,500	500,000	508,750			(395)		(395)		508,355		(8,355)	(8,355)	33,333	06/15/2023	3FE.....
14987K AA 1	CD&R WATERWORKS MERGER.....		05/09/2019	VARIOUS.....		247,000	250,000	256,875	223,125	31,997	(402)		31,595		254,720		(7,720)	(7,720)	10,546	08/15/2025	5FE.....
15135B AH 4	CENTENE CORP.....		04/22/2019	CIT GROUP.....		297,113	285,000	285,000	285,000				0		285,000		12,113	12,113	12,074	02/15/2024	3FE.....
15135B AJ 0	CENTENE CORP DEL.....		04/22/2019	CIT GROUP.....		302,250	300,000	300,000	287,250	12,750			12,750		300,000		2,250	2,250	11,044	01/15/2025	3FE.....
15137T AA 8	CENTENE ESCROW I CORP.....		04/22/2019	CIT GROUP.....		157,840	153,000	153,030	146,250	3,750	(1)		3,749		153,029		4,811	4,811	3,267	06/01/2026	3FE.....
165167 CL 9	CHESAPEAKE ENERGY CORP.....		06/11/2019	BAIRD, ROBERT W.....		194,000	200,000	193,827	173,500	20,597	563		21,160		194,660		(660)	(660)	8,561	03/15/2023	4FE.....
165167 CU 9	CHESAPEAKE ENERGY CORP.....		06/05/2019	RBC CAP.....		282,285	306,000	296,285	266,250	24,854	504		25,358		297,518		(15,233)	(15,233)	21,656	01/15/2025	4FE.....
17302X AJ 5	CITGO PETE CORP.....		06/20/2019	DREYFUS.....		135,000	135,000	136,013					0		136,013		(1,013)	(1,013)	3,023	08/15/2022	4FE.....
18683K AM 3	CLEVELAND-CLIFFS INC.....		05/13/2019	JP MORGAN.....		728,000	728,000	702,740	657,020	48,496	1,107		49,603		706,623		21,377	21,377	29,302	03/01/2025	4FE.....
210383 AA 3	CONSTELLUM NV.....		05/07/2019	VARIOUS.....		766,438	750,000	736,400	462,500	33,288	779		34,067		736,442		29,996	29,996	20,285	05/15/2024	4FE.....
216762 AF 1	COOPER-STANDARD AUTO.....		05/21/2019	VARIOUS.....		538,153	611,000	612,373	531,000	70,933	(70)		70,863		611,736		(73,583)	(73,583)	17,854	11/15/2026	4FE.....
225401 AG 3	CREDIT SUISSE.....		04/05/2019	JP MORGAN.....		665,977	650,000	652,067	651,932		(109)		(109)		651,823		14,154	14,154	8,887	06/12/2024	2FE.....
23311R AE 6	DCP MIDSTREAM LLC.....		04/29/2019	JP MORGAN.....		714,875	700,000	634,578	669,496		3,415		3,415		672,911		41,964	41,964	19,488	09/30/2021	3FE.....
23918K AQ 1	DAVITA HELTHCARE PARTNER.....		06/20/2019	JEFFERIES & CO.....		853,125	850,000	832,791	7,500	142	833		975		833,626		19,499	19,499	19,219	07/15/2024	3FE.....
24718P AA 5	DELPHI JERSEY HOLDINGS.....		05/20/2019	RBC CAP.....		135,250	150,000	143,469	126,636	17,294	291		17,585		144,221		(8,971)	(8,971)	4,799	10/01/2025	3FE.....
247916 AF 6	DENBURY RESORCES INC.....		05/02/2019	BANK AMERICA MERRILL.....		327,438	325,000	333,320	293,280	25,555	(914)		32,641		330,857		(3,419)	(3,419)	13,894	05/15/2021	4FE.....
25272K AW 3	DIAMOND 1 FIN CORP/DIAMOND 2.....		05/07/2019	MORGAN STANLEY.....		421,000	400,000	436,738	407,308	19,575	(4,298)		15,277		422,585		(1,585)	(1,585)	11,400	06/15/2024	3FE.....
25470X AE 5	DISH DBS CORP.....		05/06/2019	JEFFERIES & CO.....		206,000	200,000	215,000	198,440	6,387	(665)		5,722		204,163		1,837	1,837	5,888	06/01/2021	4FE.....
25470X AY 1	DISH DBS CORP.....		06/11/2019	VARIOUS.....		552,500	600,000	625,500	498,000	125,431	(933)		124,498		622,498		(69,998)	(69,998)	41,161	07/01/2026	4FE.....
256882 AD 3	DOLPHIN SUBSIDIARY II IN.....		05/07/2019	ISSUE CALLED at 109.316.....		167,253	153,000	165,737	160,440	3,523	(1,300)		2,223		162,663		(9,663)	(9,663)	20,477	10/15/2021	3FE.....
26252T AA 4	DT AUTO OWNER TRUST.....		06/15/2019	MORTGAGE PAYDOWN.....		78,039	78,039	78,035			85		85		78,039				204	09/15/2022	1FE.....
26817R AN 8	DYNERGY FINANCE I/II INC.....		06/20/2019	STIEFL.....		591,090	570,000	559,888	562,653		794		794		563,446		27,644	27,644	26,857	11/01/2022	3FE.....

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
268787 AH 1	EN ENER/EVEREST ACQ FIN		04/25/2019	WELLS FARGO		143,420	404,000	354,058	180,000	177,142	1,964		179,106		361,165		(217,745)	(217,745)	18,727	05/01/2024	6FE
29273E AC 2	ENDO FIN/ENDO LTD/E FINC		03/29/2019	J P MORGAN		268,140	327,000	288,734	250,973	42,429	1,509		43,938		294,910		(26,770)	(26,770)	13,843	07/15/2023	5FE
29278N AK 9	ENERGY TRANSFER EQUITY L		06/06/2019	USBCORP		758,386	715,000	766,650	716,808	12,042	(7,167)		4,875		737,583		20,803	20,803	35,005	10/15/2020	2FE
29278N AL 7	ENERGY TRANSFER EQUITY		06/06/2019	PERSHING DLJ		683,580	663,000	660,130	627,250	20,318	244		20,562		660,682		22,897	22,897	20,742	03/15/2023	2FE
303250 AE 4	FAIR ISAAC CORP		05/07/2019	WELLS FARGO		265,200	255,000	254,973	243,125	6,875	1		6,876		254,974		10,226	10,226	13,288	05/15/2026	3FE
35906A BA 5	FRONTIER COMMUNICATIONS CORP		05/23/2019	DEUTSCHE BANK		315,656	325,000	325,000	285,188	39,813			39,813		325,000		(9,344)	(9,344)	18,186	04/01/2026	4FE
35906A BC 1	FRONTIER COMMUNICATI		04/29/2019	DEUTSCHE BANK		242,921	234,000	242,775					0		242,775		146	146	2,392	04/01/2027	4FE
36256D AA 4	GLS AUTO RECEIVABLES TRUST		06/15/2019	MORTGAGE PAYDOWN		137,897	137,897	137,894			162		162		137,897		0	0	1,032	01/17/2023	1FE
36256X AB 8	GM FINL CON AUTO REC		06/15/2019	MORTGAGE PAYDOWN		279,828	279,828	279,803			319		319		279,828		0	0	2,774	03/16/2022	1FE
36740P AA 1	GATES GLOBAL LLC		05/15/2019	CS FIRST		618,450	620,000	589,775	600,420		1,876		1,876		602,296		16,154	16,154	31,207	07/15/2022	5FE
36962G 6S 8	GENERAL ELECTRIC CAP CORP		04/16/2019	JP MORGAN		1,555,697	1,573,000	1,592,553	1,586,838		(974)		(974)		1,585,864		(30,167)	(30,167)	37,791	01/09/2023	2FE
38141G WZ 3	GOLDMAN SACHS GROUP INC		04/03/2019	CS FIRST		1,789,568	1,750,000	1,710,450	1,712,225		755		755		1,712,981		76,587	76,587	31,614	05/01/2029	1FE
402635 AL 0	GULFPORT ENERGY CORP		05/07/2019	CS FIRST		115,608	131,000	133,379	116,426	16,644	(96)		16,548		132,975		(17,368)	(17,368)	4,036	05/15/2025	4FE
40390D AA 3	HLF FING SARL LLC /		05/20/2019	BARCLAYS		428,719	425,000	429,015	404,363	9,376	(152)		9,224		428,727		(8)	(8)	23,623	08/15/2026	4FE
40537Q AP 5	HALCON RESOURCES CORP		05/14/2019	JEFFERIES & CO		363,820	704,000	710,010	501,270	189,134	46		189,180		708,709		(344,889)	(344,889)	33,297	02/15/2025	6FE
415864 AM 9	HARSCO CORP		06/13/2019	CANTOR		153,188	150,000	150,000					0		150,000		3,188	3,188		07/31/2027	3FE
428040 CT 4	HERTZ CORP		06/13/2019	MORGAN STANLEY		104,000	100,000	102,000			(204)		(204)		101,796		2,204	2,204	4,151	06/01/2022	4FE
436440 AK 7	HOLOGIC INC		05/03/2019	JEFFERIES & CO		222,320	224,000	223,880	205,700	14,300	5		14,305		223,885		(1,565)	(1,565)	5,502	10/15/2025	3FE
45824T AY 1	INTELSAT JACKSON HLD		04/05/2019	CS FIRST		335,156	325,000	329,108	300,324	282	(162)		120		328,322		6,835	6,835	21,932	07/15/2025	5FE
45824T BA 2	INTELSAT JACKSON HLD		04/05/2019	USB SECURITIES		1,336,500	1,350,000	1,354,200	1,263,600	36,401	(88)		36,313		1,354,048		(17,548)	(17,548)	63,788	10/15/2024	5FE
48250N AB 1	KFC HLD/PIZZA HUT/TACO		03/28/2019	JP MORGAN		301,373	300,000	319,063	291,009	24,852	(787)		24,065		315,074		(13,701)	(13,701)	5,226	06/01/2026	4FE
526057 CD 4	LENNAR CORP		05/16/2019	MORGAN STANLEY		154,655	153,000	148,410	135,938	9,870	145		10,015		148,818		5,837	5,837	3,382	11/29/2027	3FE
552953 CE 9	MGM RESORTS INTERNAT		05/09/2019	JP MORGAN		365,750	350,000	350,018	325,920	10,080			10,080		350,017		15,733	15,733	8,280	06/15/2025	3FE
553283 AB 8	MPH ACQUISITION HOLDINGS		05/29/2019	JEFFERIES & CO		802,000	800,000	851,870	748,000	91,342	(4,408)		86,934		834,934		(32,934)	(32,934)	28,519	06/01/2024	5FE
55342U AH 7	MPT OPERATING PARTNE		05/02/2019	BANK AMERICA MERRILL		253,260	252,000	245,696			202		202		245,898		7,362	7,362	7,039	10/15/2027	3FE
577081 BB 7	MATTEL INC		05/28/2019	BANK AMERICA MERRILL		249,063	250,000	243,688			232		232		243,920		5,143	5,143	7,031	12/31/2025	4FE
58013M EG 5	MCDONALD'S CORP		05/01/2019	PRIOR YEAR INCOME									0						12,500	02/01/2019	2FE
589433 AB 7	MEREDITH CORP		04/26/2019	VARIOUS		1,461,250	1,400,000	1,408,262	1,207,360	29,221	(335)		28,886		1,407,270		53,980	53,980	69,546	02/01/2026	4FE
61746B EF 9	MORGAN STANLEY		04/02/2019	GOLDMAN SACHS		2,001,540	2,000,000	1,972,100	1,976,733		644		644		1,977,377		24,163	24,163	51,153	01/20/2027	1FE
624758 AE 8	MUELLER WTR PRODS		04/23/2019	VARIOUS		728,346	714,000	713,933	680,750	19,250	2		19,252		713,935		14,411	14,411	12,750	06/15/2026	3FE
63946C AD 0	NBCUNIVERSAL ENTERPRISE		04/15/2019	MATURITY		500,000	500,000	499,715	499,986		14		14		500,000		0	0	4,935	04/15/2019	1FE
670001 AA 4	NOVELIS CORP		06/18/2019	JEFFERIES & CO		676,000	650,000	656,585	612,625	42,001	(543)		41,458		654,083		21,917	21,917	34,432	08/15/2024	4FE
670001 AC 0	NOVELIS CORP		05/21/2019	JEFFERIES & CO		1,252,500	1,250,000	1,267,700	1,109,375	156,006	(884)		155,122		1,264,497		(11,997)	(11,997)	39,300	09/30/2026	4FE
67054L AC 1	NUMERICABLE GROUP SA		06/10/2019	VARIOUS		1,373,563	1,338,000	1,330,671	1,018,640	56,219	743		56,962		1,331,852		32,710	32,710	64,030	05/15/2024	4FE
70014L AA 8	PARK AEROSPACE HOLDINGS		06/06/2019	MORGAN STANLEY		260,700	250,000	250,516	237,956	7,445	(51)		7,394		250,419		10,281	10,281	10,646	08/15/2022	2FE
70014L AC 4	PARK AEROSPACE HOLDINGS		06/06/2019	MORGAN STANLEY		558,536	550,000	531,403	491,250	15,467	1,667		17,134		533,810		24,726	24,726	15,332	03/15/2023	2FE
70014L AD 2	PARK AEROSPACE HOLDINGS		06/06/2019	PERSHING DLJ		501,180	500,000	499,063	482,500	16,867	123		16,990		499,490		1,690	1,690	13,342	03/15/2021	2FE
737446 AM 6	POST HLDGS INC		05/16/2019	VARIOUS		352,469	350,000	369,250	329,875	36,345	(856)		35,489		365,364		(12,895)	(12,895)	14,263	03/01/2027	4FE
75524D AP 5	RBS GLOBAL INC		05/20/2019	VARIOUS		909,205	917,000	903,662	821,250	66,554	586		67,140		904,358		4,847	4,847	17,844	12/15/2025	4FE
78454L AN 0	SM ENERGY CO		04/03/2019	BARCLAYS		498,525	510,000	516,325	450,000	55,011	(187)		54,824		514,648		(16,123)	(16,123)	19,125	09/15/2026	4FE
78472C AA 6	SOFI CONSUMER LOAN PROGRAM		05/25/2019	VARIOUS		235,861	235,861	235,861					0		235,861		0	0	1,495	02/25/2028	1FE

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
80627D AA 4	IHO VERWALTUNGS GMBH.....		06/06/2019.	ISSUE CALLED at 102.063.....		408,252	400,000	394,500	382,000	12,671	752		13,423		395,422		4,578	4,578	17,465	09/15/2021.	3FE.....
80874Y AU 4	SGMS ESCROW CORP.....		04/04/2019.	ISSUE CALLED at 105.000.....		1,376,550	1,311,000	1,389,779	1,332,291	46,589	(9,714)		36,875		1,369,166		(58,166)	(58,166)	110,343	12/01/2022.	5FE.....
85207U AE 5	SPRINT CORP.....		06/17/2019.	RBC CAP.....		53,000	50,000	53,390	51,300	1,199	(407)		792		52,092		908	908	2,759	09/15/2021.	4FE.....
85207U AF 2	SPRINT CORP.....		05/03/2019.	VARIOUS.....		900,500	850,000	865,475	778,556	382	(589)		(207)		861,199		39,301	39,301	40,556	09/15/2023.	4FE.....
85917N AA 0	STERIGENICS NORDION.....		05/31/2019.	JEFFERIES & CO.....		893,250	900,000	893,115	612,625	37,375	916		38,291		894,032		(782)	(782)	43,266	11/01/2021.	5FE.....
871503 AU 2	SYMANTEC CORP.....		05/10/2019.	CITIGROUP.....		354,323	357,000	356,868	327,446	22,554	6		22,560		356,875		(2,552)	(2,552)	10,363	04/15/2025.	3FE.....
87422V AB 4	TALEN ENERGY SUPPLY LLC.....		05/21/2019.	J P MORGAN.....		557,500	500,000	507,910	501,348	4,214	(827)		3,387		504,736		52,764	52,764	40,375	07/15/2022.	4FE.....
87612B AM 4	TARGA RES PARTNERS.....		06/17/2019.	BANK AMERICA MERRILL.....		152,250	150,000	121,125	130,686		1,746		1,746		132,433		19,817	19,817	4,988	05/01/2023.	3FE.....
87612B AP 7	TARGA RES PARTNERS /.....		06/17/2019.	BANK AMERICA MERRILL.....		657,035	662,000	645,800	603,688	34,859	1,023		35,882		651,120		5,915	5,915	16,725	11/15/2023.	3FE.....
89177H AA 0	TOWD POINT MORTGAGE TRUST.....		05/25/2019.	VARIOUS.....		33,525	33,525	33,594					0		33,525			91	12/25/2048.	1FE.....	
89231T AE 0	TOYOTA AUTO REC OWNER TRUST.....		04/15/2019.	J P MORGAN.....		1,737,783	1,737,783	1,737,568	1,738,516		(804)		(804)		1,737,712		71	71	9,790	12/15/2020.	1FE.....
90327C AD 2	USAA AUTO OWNER TRUST.....		06/15/2019.	MORTGAGE PAYDOWN.....		685,542	685,542	685,505	685,202		340		340		685,542			0	4,080	11/15/2021.	1FE.....
911365 BE 3	UNITED RENTALS NORTH AMERICA.....		04/08/2019.	VARIOUS.....		1,477,063	1,428,000	1,409,208	567,750	36,288	553		36,841		1,409,601		67,462	67,462	45,366	09/15/2026.	3FE.....
91740P AD 0	USA COMPRESSION PART.....		04/30/2019.	DEUTSCHE BANK.....		331,538	315,000	315,000					0		315,000		16,538	16,538	3,223	09/01/2027.	4FE.....
92343E AL 6	VERISIGN INC.....		03/27/2019.	SUNTRUST.....		348,250	350,000	350,000	329,543	20,458			20,458		350,000		(1,750)	(1,750)	11,730	07/15/2027.	2FE.....
92343V BC 7	VERIZON COMMUNICATIONS.....		05/06/2019.	VARIOUS.....		1,022,206	1,000,000	992,080	997,462		270		270		997,732		8,808	8,808	32,573	11/01/2021.	2FE.....
92532W AA 1	VERSUM MATERIALS INC.....		04/09/2019.	MIZUHO.....		493,580	464,000	464,000	460,520	3,480			3,480		464,000		29,580	29,580	14,603	09/30/2024.	3FE.....
92769X AM 7	VIRGIN MEDIA FINANCE PLC.....		04/08/2019.	VARIOUS.....		814,750	800,000	807,723	741,880	64,555	(262)		64,293		806,173		8,577	8,577	28,264	08/15/2026.	3FE.....
92840V AB 8	VISTRA OPERATIONS CO.....		04/25/2019.	RBC CAP.....		361,125	350,000	350,000					0		350,000		11,125	11,125	4,469	02/15/2027.	3FE.....
92933B AP 9	WMG ACQUISITION CORP.....		04/16/2019.	CS FIRST.....		208,075	203,000	196,128			225		225		196,353		11,722	11,722	5,676	04/15/2026.	4FE.....
947075 AB 3	WEATHERFORD BERMUDA.....		05/13/2019.	USB SECURITIES.....		621,500	1,100,000	825,063	577,500	262,202	2,258		264,460		841,960		(220,460)	(220,460)	35,750	08/01/2036.	6FE.....
947075 AJ 6	WEATHERFORD BERMUDA.....		05/13/2019.	WELLS FARGO.....		177,000	300,000	289,215	226,500	63,467	1,384		64,851		291,350		(114,350)	(114,350)		06/15/2021.	6FE.....
958102 AM 7	WESTERN DIGITAL CORP.....		04/24/2019.	CITIGROUP.....		343,875	350,000	350,000	304,938	45,063			45,063		350,000		(6,125)	(6,125)	11,591	02/15/2026.	3FE.....
966387 BG 6	WHITTING PETROLEUM CORP.....		04/09/2019.	BARCLAYS.....		701,313	700,000	704,358	603,750	100,304	(128)		100,176		703,926		(2,613)	(2,613)	34,202	01/15/2026.	4FE.....
96926D AU 4	WILLIAM LYON HOMES INC.....		03/27/2019.	BARCLAYS.....		48,125	50,000	50,438	45,000	5,377	(23)		5,354		50,354		(2,229)	(2,229)	1,733	09/01/2023.	4FE.....
96926J AC 1	WILLIAM CARTER CO.....		06/19/2019.	JEFFERIES & CO.....		213,240	204,000	206,625			(70)		(70)		206,555		6,685	6,685	3,036	03/15/2027.	3FE.....
96949L AD 7	WILLIAMS PARTNERS.....		04/15/2019.	JP MORGAN.....		1,447,115	1,450,000	1,449,261	1,449,372		19		19		1,449,390		(2,276)	(2,276)	18,427	06/15/2027.	2FE.....
973147 AD 3	WIND TRE SPA.....		06/20/2019.	VARIOUS.....		2,065,500	2,225,000	2,228,656	1,843,991	383,877	(162)		383,715		2,227,706		(162,206)	(162,206)	83,253	01/20/2026.	3FE.....
98212B AH 6	WPX ENERGY INC.....		05/07/2019.	BARCLAYS.....		114,554	113,000	112,675	91,000	9,000	12		9,012		112,687		1,867	1,867	2,852	06/01/2026.	4FE.....
983793 AG 5	XPO LOGISTICS INC.....		05/31/2019.	USB SECURITIES.....		879,080	850,000	850,000					0		850,000		29,080	29,080	14,965	08/15/2024.	3FE.....
BL2618 39 7	ARBY'S RESTAURANT.....		06/04/2019.	VARIOUS.....		1,331,643	1,348,929	1,327,634			725		725		1,328,359		3,284	3,284	13,502	01/17/2025.	4FE.....
U2918V AD 7	ENDO FINANCE LLC.....		03/29/2019.	J P MORGAN.....		750,000	750,000	695,625	648,750	46,875	4,435		51,310		700,060		49,940	49,940	38,365	01/15/2022.	5FE.....
34527A BQ 2	FORD CR CDA LTD.....		06/14/2019.	MATURITY.....		2,700,000	2,700,000	2,769,660	2,712,842		(12,842)		(12,842)		2,700,000			0	42,390	06/14/2019.	2FE.....
575385 AB 5	MASONITE INTL CORP N.....		04/10/2019.	JEFFERIES & CO.....		261,259	255,000	254,888	236,250	13,750	3		13,753		254,891		6,369	6,369	8,630	09/15/2026.	3FE.....
68245X AC 3	1011778 B.C. UNLIMIT.....	A	03/25/2019.	JP MORGAN.....					(76,690)	76,690			76,690					0		05/15/2024.	3FE.....
683715 AB 2	OPEN TEXT CORP.....	A	04/11/2019.	RBC CAP.....		429,538	410,000	410,000	402,825	7,175			7,175		410,000		19,538	19,538	8,705	06/01/2026.	3FE.....
75585R PY 5	REAL ESTATE ASSET LIQUIDITY TRUST.....		06/01/2019.	RBC DEXIA.....		22,308	3	3	3				0		3		22,305	22,305		11/12/2052.	1FE.....
91831A AB 7	VRX ESCROW CORP.....	A	05/24/2019.	TENDER/EXCHANGE.....		2,636,935	2,595,000	2,508,643	1,671,750	65,000	6,272		71,272		2,521,477		115,458	115,458	80,040	05/15/2023.	4FE.....
91911K AE 2	VALEANT PHARMACEUTIC.....	A	05/24/2019.	TENDER/EXCHANGE.....		157,345	155,000	149,175	141,893	7,381	495		7,876		149,769		7,576	7,576	6,228	03/01/2023.	4FE.....
02073M AA 7	ALPHA 2 BV.....	D	05/23/2019.	JP MORGAN.....		197,250	200,000	198,020	192,500	5,709	138		5,847		198,347		(1,097)	(1,097)	8,604	06/01/2023.	5FE.....

QE05.12

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
02079U AA 3	ALPHA 3 B V/ALPHA US.....	D	05/03/2019	JP MORGAN.....		506,750	500,000	495,000	472,500	22,852	219		23,071		495,572		11,178	11,178	23,819	02/01/2025	5FE.....
06738E AP 0	BARCLAYS PLC.....	D	06/10/2019	CITIGROUP.....		733,686	705,000	704,351			78		78		704,429		29,257	29,257	21,385	05/12/2026	3FE.....
210383 AF 2	CONSTELLIUM NV.....	D	05/07/2019	JEFFERIES & CO.....		363,125	350,000	350,000	325,500	24,500			24,500		350,000		13,125	13,125	15,974	03/01/2025	4FE.....
46115H AW 7	INTESA SANPAOLO S P.....	D	03/27/2019	BNP PARIBAS.....		560,562	575,000	556,602	528,063	31,725	426		32,151		560,214		348	348	23,165	01/15/2026	3FE.....
85529V AA 2	STARFRUIT FINCO B V.....	D	05/29/2019	CITIGROUP.....		246,875	250,000	250,000	231,250	18,750			18,750		250,000		(3,125)	(3,125)	13,278	10/01/2026	4FE.....
92857W BC 3	VODAFONE GROUP PLC N.....	D	06/20/2019	VARIOUS.....		4,061,040	4,000,000	3,838,400	3,912,727		9,294		9,294		3,922,021		103,418	103,418	134,263	02/19/2023	2FE.....
947075 AN 7	WEATHERFORD INTL LTD.....	D	05/13/2019	VARIOUS.....		87,000	150,000	104,816			1,581		1,581		106,396		(19,396)	(19,396)	7,406	02/15/2024	6FE.....
96122U AA 2	WESTPAC BANKING CORP NZ.....	D	05/13/2019	VARIOUS.....		226,625	250,000	250,000	250,000				0		250,000		(23,375)	(23,375)	8,115	09/21/2027	2FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					79,311,533	79,798,739	78,990,539	63,960,311	3,561,093	39,439	0	3,600,532	0	79,041,133	0	76,939	76,939	2,708,983	XXX	XXX

Bonds - Bank Loans

BL1316 05 0	SHEARER'S FOODS LLC.....		06/04/2019	VARIOUS.....		700,115	712,111	712,474	655,142	57,129	(3)		57,126		712,269		(12,154)	(12,154)	30,188	06/30/2022	5FE.....
BL2287 17 7	TEAM HEALTH.....		03/29/2019	VARIOUS.....		875	875	873	780	93			93		873		2	2	2,482	02/06/2024	4FE.....
BL2360 99 0	INFOR US INC CORPORATE.....		04/29/2019	PRIOR YEAR INCOME.....									0				0	0	2,573	09/22/7408	4FE.....
BL2385 74 0	VERTIV GROUP CORP (FKA CORTES).....		05/14/2019	VARIOUS.....		309,277	319,666	318,068	289,298	29,135	94		29,229		318,527		(9,250)	(9,250)	9,892	11/30/2023	4FE.....
BL2397 98 4	STERIGENICS INTL INC.....		06/04/2019	VARIOUS.....		1,405,062	1,423,728	1,399,344			1,468		1,468		1,400,812		4,251	4,251	10,394	05/15/2022	4FE.....
BL2414 59 9	MOHEGAN TRIBAL GAMING.....		03/29/2019	GOLDMAN SACHS.....		397,895	420,995	397,840			3		3		397,843		52	52	9	10/13/2023	4FE.....
BL2440 67 7	FIRST DATA CORP.....		04/23/2019	VARIOUS.....		1,287,634	1,286,855	1,284,746	1,233,772	51,635	130		51,765		1,285,536		2,098	2,098	24,385	07/10/2022	3FE.....
BL2482 05 9	HD SUPPLY WATERWORKS, LTD.....		06/04/2019	VARIOUS.....		466,138	469,063	467,890	452,256	15,875	72		15,947		468,202		(2,064)	(2,064)	13,412	08/01/2024	4FE.....
BL2499 38 4	FLEX ACQUISITION CO INC.....		05/06/2019	VARIOUS.....		492,584	500,000	491,875			355		355		492,230		355	355	6,396	12/29/2023	4FE.....
BL2543 54 6	NUMERICABLE U.S. LLC.....		04/15/2019	GOLDMAN SACHS.....		1,382	1,382	1,361	1,280	83	1		84		1,363		19	19	28	01/31/2026	4FE.....
BL2562 96 7	MITCHELL INTERNATIONAL.....		03/29/2019	GOLDMAN SACHS.....		2,393	2,393	2,315			1		1		2,317		76	76	9	12/01/2024	4FE.....
BL2636 86 0	CHARTER NEX US INC.....		04/01/2019	GOLDMAN SACHS.....		609,375	625,000	609,375			18		18		609,393		(18)	(18)		05/17/2024	4FE.....
BL2640 30 0	SS&C TECHNOLOGIES HOLDINGS, INC.....		05/30/2019	VARIOUS.....		660,072	659,638	657,456	632,434	25,152	100		25,252		657,687		2,386	2,386	13,863	02/28/2025	3FE.....
BL2641 45 6	SS&C TECH HOLDINGS INC.....		05/30/2019	VARIOUS.....		252,988	252,678	251,843	242,233	9,662	42		9,704		251,936		1,052	1,052	6,109	02/28/2025	3FE.....
BL2642 70 2	SABRE GBLB INC.....		04/15/2019	VARIOUS.....		1,295,739	1,298,927	1,289,747			185		185		1,289,932		5,807	5,807	5,364	02/22/2024	3FE.....
BL2644 11 2	FINANCIAL & RISK US HOLD.....		03/29/2019	GOLDMAN SACHS.....		2,125	2,125	2,133	2,019	114			114		2,132		(7)	(7)	32	09/18/2025	4FE.....
BL2651 41 4	TITAN ACQUISITION LTD.....		03/29/2019	GOLDMAN SACHS.....		1,625	1,625	1,621	1,482	139			139		1,622		3	3	29	03/16/2025	4FE.....
BL2687 21 0	BROOKFIELD PROPERTIES.....		03/29/2019	GOLDMAN SACHS.....		1,880	1,880	1,819			1		1		1,820		60	60	7	08/24/2025	3FE.....
BL2696 04 7	MICROCHIP.....		04/15/2019	VARIOUS.....		503,676	504,823	504,823	477,477	27,346			27,346		504,823		(1,147)	(1,147)	8,848	05/24/2025	3FE.....
BL2697 52 4	ION TRADING FINANCE LTD.....		06/13/2019	GOLDMAN SACHS.....		534,188	550,000	540,375			216		216		540,591		(6,404)	(6,404)		11/21/2024	4FE.....
BL2704 56 9	VERTAFORE INC.....		03/29/2019	GOLDMAN SACHS.....		270,031	275,875	270,358			95		95		270,453		(422)	(422)	1,024	07/02/2025	4FE.....
BL2714 43 6	SEVERIN ACQUISITION.....		05/15/2019	GOLDMAN SACHS.....		914,216	925,000	904,906			747		747		905,654		8,563	8,563	9,803	08/01/2025	4FE.....
BL2725 04 4	FLEX ACQUISITION CO INC.....		05/06/2019	VARIOUS.....		443,882	450,000	443,813			207		207		444,020		(138)	(138)	4,180	06/22/2025	4FE.....
BL2768 42 4	CENTRALSQUARE TECH(TRITECH).....		03/29/2019	GOLDMAN SACHS.....		1,375	1,375	1,354					0		1,355		20	20	8	08/29/2025	4FE.....
BL2849 31 5	COMMSCOPE INC.....		03/28/2019	VARIOUS.....		575,000	575,000	569,250			116		116		569,366		5,634	5,634	2,291	02/07/2026	3FE.....
8299999	Total - Bonds - Bank Loans.....					11,129,527	11,261,014	11,125,659	3,988,173	216,363	3,848	0	220,211	0	11,130,756	0	(1,226)	(1,226)	151,326	XXX	XXX
8399997	Total - Bonds - Part 4.....					692,843,363	652,696,338	698,174,085	367,398,021	3,777,456	(884,847)	0	2,892,609	0	685,903,965	0	6,745,937	6,745,937	11,447,118	XXX	XXX
8399999	Total - Bonds.....					692,843,363	652,696,338	698,174,085	367,398,021	3,777,456	(884,847)	0	2,892,609	0	685,903,965	0	6,745,937	6,745,937	11,447,118	XXX	XXX

Common Stocks - Industrial and Miscellaneous

00766T 10 0	AECOM TECHNOLOGY CORP DEL.....		03/27/2019	SANFORD BERNST.....		18,419,100		529,752	XXX	451,831	488,106	(36,276)	(36,276)		451,831		77,922	77,922		XXX	L.....
016255 10 1	ALIGN TECHNOLOGY INC.....		05/14/2019	COWEN.....		28,000,000		8,997,715	XXX	7,150,337			0		7,150,337		1,847,377	1,847,377		XXX	L.....

QE05.13

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
02079K 30 5	ALPHABET INC.....		05/17/2019	VARIOUS.....	29,000.000	33,987,547	XXX	4,287,857	30,303,840	(26,015,983)			(26,015,983)		4,287,857		29,699,689	29,699,689		XXX	L.....
02209S 10 3	ALTRIA GROUP INC.....		03/27/2019	VARIOUS.....	120,000.000	6,760,298	XXX	8,451,688	5,926,800	2,524,888			2,524,888		8,451,688		(1,691,390)	(1,691,390)	192,000	XXX	L.....
02313S 10 6	AMAZON COM INC.....		05/17/2019	VARIOUS.....	14,700.000	27,573,412	XXX	23,579,659	22,078,959	1,500,700			1,500,700		23,579,659		3,993,753	3,993,753		XXX	L.....
03027X 10 0	AMERICAN TOWER CORP.....		03/25/2019	SALOMON BROS.....	35,000.000	6,834,263	XXX	3,186,914	5,536,650	(2,349,736)			(2,349,736)		3,186,914		3,647,349	3,647,349	29,400	XXX	L.....
032511 10 7	ANADARKO PETROLEUM CORP.....		04/24/2019	VARIOUS.....	170,000.000	11,164,495	XXX	6,603,677	7,452,800	(849,123)			(849,123)		6,603,677		4,560,818	4,560,818	102,000	XXX	L.....
037833 10 0	APPLE COMPUTER.....		05/17/2019	VARIOUS.....	145,000.000	27,771,548	XXX	1,209,093	22,888,250	(21,679,157)			(21,679,157)		1,209,093		26,562,455	26,562,455	205,950	XXX	L.....
049164 20 5	ATLAS AIR WORLDWIDE HLDGS.....		03/29/2019	SANFORD BERNST.....	6,014.000	294,729	XXX	265,603	253,731	11,872			11,872		265,603		29,126	29,126		XXX	L.....
05591B 10 9	BMC STK HLDGS INC.....		06/19/2019	VARIOUS.....	5,890.000	120,657	XXX	131,804	91,177	40,627			40,627		131,804		(11,147)	(11,147)		XXX	L.....
060505 10 4	BANKAMERICA CORP NEW.....		05/03/2019	VARIOUS.....	453,600.000	13,577,012	XXX	13,556,879	11,176,704	2,380,175			2,380,175		13,556,879		20,133	20,133	153,180	XXX	L.....
095877 10 6	BLUE RIDGE MTN RESORT.....		04/15/2019	VARIOUS.....	44,975.000	213,631	XXX	213,631	200,049	13,582			13,582		213,631					XXX	U.....
099502 10 6	BOOZ ALLEN HAMILTON HLDG.....		06/14/2019	VARIOUS.....	5,997.000	373,041	XXX	122,330	270,285	(147,955)			(147,955)		122,330		250,712	250,712	1,379	XXX	L.....
110122 10 8	BRISTOL MYERS SQUIBB CO.....		04/18/2019	VARIOUS.....	124,000.000	5,642,950	XXX	6,745,678	6,445,520	300,158			300,158		6,745,678		(1,102,729)	(1,102,729)	101,680	XXX	L.....
126650 10 0	CVS CORP.....		05/22/2019	EVERCORE.....	256,000.000	13,734,320	XXX	10,841,720	7,927,920	(6,127,209)			(6,127,209)		10,841,720		2,892,601	2,892,601	232,500	XXX	L.....
166764 10 0	CHEVRONTXACO CORP.....		05/20/2019	VARIOUS.....	92,500.000	11,221,888	XXX	8,746,322	10,063,075	(1,316,753)			(1,316,753)		8,746,322		2,475,566	2,475,566	213,829	XXX	L.....
172967 42 4	CITIGROUP INC.....		06/10/2019	VARIOUS.....	318,000.000	21,650,916	XXX	11,232,234	16,555,080	(5,322,846)			(5,322,846)		11,232,234		10,418,682	10,418,682	263,700	XXX	L.....
191216 10 0	COCA COLA CO.....		03/28/2019	VARIOUS.....	150,000.000	6,985,214	XXX	3,254,336	7,102,500	(3,848,164)			(3,848,164)		3,254,336		3,730,878	3,730,878	60,000	XXX	L.....
222795 10 6	COUSINS PPTYS INC.....		06/17/2019	SPINOFF.....	85,702.000	810,842	XXX	810,842					0		810,842				4,425	XXX	L.....
232806 10 9	CYPRESS SEMICONDUCTOR CORP.....		06/05/2019	VARIOUS.....	18,342.000	360,966	XXX	279,377	156,749	29,796			29,796		279,377		81,589	81,589	3,373	XXX	L.....
260557 10 3	DOW INC.....		06/04/2019	VARIOUS.....	245,000.660	12,146,765	XXX	13,721,245					0		13,721,245		(1,574,480)	(1,574,480)	171,500	XXX	L.....
26078J 10 0	DOWDUPONT INC.....		06/05/2019	VARIOUS.....	1,043,240.000	54,340,910	XXX	54,340,910	55,792,475	(1,451,565)			(1,451,565)		54,340,910				542,485	XXX	L.....
26614N 10 2	DUPONT DE NEMOURS INC.....		06/03/2019	FRACTIONAL SHARE.....	0.660	49	XXX	49					0		49					XXX	L.....
30231G 10 2	EXXON MOBIL CORPORATION.....		05/20/2019	VARIOUS.....	224,506.000	17,422,713	XXX	14,061,312	15,309,064	(1,247,752)			(1,247,752)		14,061,312		3,361,402	3,361,402	314,165	XXX	L.....
30303M 10 2	FACEBOOK INC.....		05/03/2019	ALEX BROWN.....	50,000.000	9,783,442	XXX	5,901,422	6,554,500	(653,078)			(653,078)		5,901,422		3,882,020	3,882,020		XXX	L.....
31428X 10 6	FEDEX CORP.....		05/14/2019	VARIOUS.....	85,000.000	14,870,566	XXX	12,379,264	13,713,050	(1,333,786)			(1,333,786)		12,379,264		2,491,303	2,491,303	110,500	XXX	L.....
31847R 10 2	FIRST AMERICAN CORP.....		06/05/2019	VARIOUS.....	2,500.000	131,576	XXX	135,861	111,600	24,261			24,261		135,861		(4,285)	(4,285)	1,050	XXX	L.....
387328 10 7	GRANITE CONSTR INC.....		04/11/2019	VARIOUS.....	2,515.000	110,809	XXX	141,357	101,304	40,052			40,052		141,357		(30,548)	(30,548)	654	XXX	L.....
437076 10 2	HOME DEPOT INC.....		05/22/2019	ALEX BROWN.....	11,000.000	2,093,789	XXX	1,557,601	1,890,020	(332,419)			(332,419)		1,557,601		536,188	536,188	14,960	XXX	L.....
446150 10 4	HUNTINGTON BANCSHARES INC.....		06/05/2019	VARIOUS.....	28,009.000	375,399	XXX	160,903	333,867	(172,964)			(172,964)		160,903		214,496	214,496	7,843	XXX	L.....
457187 10 2	INGREDION INCORPRTD.....		06/11/2019	VARIOUS.....	2,722.000	233,070	XXX	295,244	248,791	46,453			46,453		295,244		(62,173)	(62,173)	3,403	XXX	L.....
458140 10 0	INTEL CORP.....		04/26/2019	MORGAN STANLEY.....	115,000.000	5,983,441	XXX	30,198	5,396,950	(5,366,752)			(5,366,752)		30,198		5,953,243	5,953,243	36,225	XXX	L.....
46625H 10 0	JP MORGAN CHASE & CO.....		06/10/2019	VARIOUS.....	187,000.000	20,862,655	XXX	6,450,149	18,254,940	(11,804,791)			(11,804,791)		6,450,149		14,412,506	14,412,506	285,511	XXX	L.....
55345K 10 3	MRC GLOBAL.....		04/29/2019	VARIOUS.....	4,076.000	73,600	XXX	72,224	49,849	22,375			22,375		72,224		1,376	1,376		XXX	L.....
57636Q 10 4	MASTERCARD INC.....		06/17/2019	VARIOUS.....	55,000.000	13,780,996	XXX	2,536,701	10,375,750	(7,839,049)			(7,839,049)		2,536,701		11,244,295	11,244,295	36,300	XXX	L.....
57776J 10 0	MAXLINEAR INC.....		04/30/2019	VARIOUS.....	1,404.000	37,879	XXX	29,200	24,710	4,489			4,489		29,200		8,680	8,680		XXX	L.....
58933Y 10 5	MERCK & CO INC.....		04/18/2019	VARIOUS.....	122,000.000	8,948,502	XXX	9,226,030					0		9,226,030		(277,528)	(277,528)	67,100	XXX	L.....
594918 10 4	MICROSOFT.....		05/17/2019	VARIOUS.....	96,300.000	12,192,415	XXX	8,601,054	9,781,191	(1,180,137)			(1,180,137)		8,601,054		3,591,361	3,591,361	65,596	XXX	L.....
61179L 10 0	MONTAGE RESOURCES CORP.....		05/01/2019	JP MORGAN.....	13,270.000	126,328	XXX	213,631					0		213,631		(87,303)	(87,303)		XXX	L.....
62886E 10 8	NCR CORPORATION.....		06/04/2019	VARIOUS.....	2,040.000	64,219	XXX	47,083	47,083				0		47,083		17,136	17,136		XXX	L.....
68268W 10 3	ONEMAIN HOLDINGS INC.....		03/27/2019	SANFORD BERNST.....	2,866.000	89,622	XXX	90,278	69,615	20,663			20,663		90,278		(657)	(657)	717	XXX	L.....
68389X 10 5	ORACLE SYSTEMS.....		06/18/2019	CITIGROUP.....	115,000.000	6,105,614	XXX	4,226,520	5,192,250	(965,731)			(965,731)		4,226,520		1,879,095	1,879,095	49,450	XXX	L.....
688239 20 1	OSHKOSH CORP.....		06/20/2019	VARIOUS.....	9,353.000	722,087	XXX	394,419	573,432	(179,014)			(179,014)		394,419		327,668	327,668	3,467	XXX	L.....

QE05.14

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
703481 10 1	PATTERSON-UTI ENERGY INC.....		03/27/2019	SANFORD BERNST.....	6,300,000	88,576	XXX	109,357	65,205	44,152			44,152		109,357		(20,781)	(20,781)	252	XXX	L.....
713448 10 8	PEPSICO INC MTN.....		04/17/2019	COWEN.....	60,000,000	7,594,481	XXX	3,286,200	6,628,800	(3,342,600)			(3,342,600)		3,286,200		4,308,281	4,308,281	111,300	XXX	L.....
718172 10 9	PHILIP MORRIS INTL.....		05/10/2019	VARIOUS.....	230,000,000	19,232,124	XXX	10,007,300	15,354,800	(5,347,500)			(5,347,500)		10,007,300		9,224,824	9,224,824	524,400	XXX	L.....
74733V 10 0	QEP RESOURCES INC.....		04/17/2019	VARIOUS.....	11,970,000	98,533	XXX	115,630	67,391	48,239			48,239		115,630		(17,097)	(17,097)		XXX	L.....
747525 10 3	QUALCOMM INC.....		04/23/2019	MORGAN STANLEY.....	35,000,000	3,037,500	XXX	2,091,075	1,991,850	99,225			99,225		2,091,075		946,425	946,425	21,700	XXX	L.....
74762E 10 2	QUANTA SERVICES INC.....		03/27/2019	SANFORD BERNST.....	3,798,000	139,931	XXX	136,842	114,320	22,522			22,522		136,842		3,089	3,089	152	XXX	L.....
806857 10 8	SCHLUMBERGER LTD.....		03/25/2019	SCOTIA.....	115,000,000	4,848,705	XXX	4,149,200	4,149,200				0		4,149,200		699,505	699,505	115,000	XXX	L.....
807066 10 5	SCHOLASTIC CORP.....		06/20/2019	VARIOUS.....	3,180,000	105,716	XXX	136,806	128,027	8,779			8,779		136,806		(31,090)	(31,090)	954	XXX	L.....
828806 10 9	SIMON PROPERTY GROUP.....		05/10/2019	SANFORD BERNST.....	40,000,000	6,952,312	XXX	6,462,975	6,719,600	(256,625)			(256,625)		6,462,975		489,337	489,337	82,000	XXX	L.....
858155 20 3	STEELCASE INC.....		06/12/2019	VARIOUS.....	11,080,000	188,807	XXX	185,058	164,316	20,741			20,741		185,058		3,749	3,749	3,102	XXX	L.....
872540 10 9	TJX COMPANIES INC.....		05/14/2019	VARIOUS.....	337,000,000	17,934,399	XXX	16,096,173	15,077,380	1,018,793			1,018,793		16,096,173		1,838,225	1,838,225	75,702	XXX	L.....
88579Y 10 1	3M COMPANY.....		03/29/2019	JP MORGAN.....	30,000,000	6,202,557	XXX	5,716,200	5,716,200				0		5,716,200		486,357	486,357	43,200	XXX	L.....
902973 30 4	US BANCORP DEL.....		06/10/2019	COWEN.....	70,000,000	3,726,618	XXX	2,274,855	3,199,000	(924,145)			(924,145)		2,274,855		1,451,763	1,451,763	51,800	XXX	L.....
90384S 30 3	ULTA SALON COSMETCS.....		05/10/2019	EVERCORE.....	18,000,000	6,087,402	XXX	4,306,648	4,407,120	(100,472)			(100,472)		4,306,648		1,780,754	1,780,754		XXX	L.....
907818 10 8	UNION PAC CORP.....		06/18/2019	MORGAN STANLEY.....	35,000,000	5,843,511	XXX	3,162,377	4,838,050	(1,675,673)			(1,675,673)		3,162,377		2,681,134	2,681,134	58,800	XXX	L.....
911312 10 6	UNITED PARCEL SERVICE.....		06/19/2019	BARCLAYS.....	60,000,000	6,082,140	XXX	7,115,886	5,851,800	1,264,086			1,264,086		7,115,886		(1,033,746)	(1,033,746)	115,200	XXX	L.....
92343X 10 0	VERINT SYSTEMS INC.....		06/13/2019	VARIOUS.....	4,770,000	275,851	XXX	203,328	201,819	1,510			1,510		203,328		72,523	72,523		XXX	L.....
92826C 83 9	VISA INC.....		06/17/2019	VARIOUS.....	80,000,000	13,136,967	XXX	6,460,432	10,555,200	(4,094,768)			(4,094,768)		6,460,432		6,676,535	6,676,535	38,113	XXX	L.....
929740 10 8	WABTEC CORP.....		05/06/2019	COWEN.....	10,511,000	774,590	XXX	240,574					0		240,574		534,016	534,016		XXX	L.....
94946T 10 6	WELL CARE HEALTH PLAN.....		05/24/2019	VARIOUS.....	865,000	237,364	XXX	54,169	204,218	(150,048)			(150,048)		54,169		183,194	183,194		XXX	L.....
949746 10 1	WELLS FARGO & CO NEW.....		06/10/2019	VARIOUS.....	240,000,000	11,009,422	XXX	8,025,042	9,710,922	(1,685,880)			(1,685,880)		8,025,042		2,984,380	2,984,380	300,150	XXX	L.....
G31215 10 9	ESG RE LIMITED.....	D	04/09/2019	SUBSCRIPTION AGREEMENT.....	236,364,000	1	XXX	14,000	236	13,764			13,764		14,000		(13,999)	(13,999)		XXX	L.....
G3223R 10 8	EVEREST RE GROUP LTD.....	C	05/23/2019	VARIOUS.....	740,000	184,621	XXX	176,439	161,142	15,296			15,296		176,439		8,182	8,182	1,099	XXX	L.....
G3922B 10 7	GENPACT LTD.....	C	05/15/2019	VARIOUS.....	2,630,000	94,765	XXX	63,241	70,984	(7,743)			(7,743)		63,241		31,524	31,524	208	XXX	L.....
Y2573F 10 2	FLEXTRONICS INTL LTD.....	D	05/10/2019	COWEN.....	1,180,000,000	11,763,491	XXX	8,979,800	8,979,800				0		8,979,800		2,783,691	2,783,691		XXX	L.....
9099999	Total - Common Stocks - Industrial and Miscellaneous.....					504,742,026	XXX	335,304,074	403,096,016	(108,288,496)			(108,288,496)		335,304,074		169,437,954	169,437,954	4,817,474	XXX	XXX
Common Stocks - Mutual Funds																					
78464A 69 8	SPDR S&P REGIONAL BANKING ETF.....		05/03/2019	COWEN.....	100,000,000	5,623,254	XXX	2,798,141	4,679,000	(1,880,859)			(1,880,859)		2,798,141		2,825,112	2,825,112	57,801	XXX	L.....
92204A 87 6	VANGUARD UTILITIES ETF.....		06/06/2019	COWEN & CO.....	599,200,000	80,356,030	XXX	40,798,738	70,603,736	(29,804,998)			(29,804,998)		40,798,738		39,557,292	39,557,292	566,484	XXX	L.....
9299999	Total - Common Stocks - Mutual Funds.....					85,979,284	XXX	43,596,879	75,282,736	(31,685,857)			(31,685,857)		43,596,879		42,382,404	42,382,404	624,285	XXX	XXX
9799997	Total - Common Stocks - Part 4.....					590,721,310	XXX	378,900,953	478,378,752	(139,974,353)			(139,974,353)		378,900,953		211,820,358	211,820,358	5,441,759	XXX	XXX
9799999	Total - Common Stocks.....					590,721,310	XXX	378,900,953	478,378,752	(139,974,353)			(139,974,353)		378,900,953		211,820,358	211,820,358	5,441,759	XXX	XXX
9899999	Total - Preferred and Common Stocks.....					590,721,310	XXX	378,900,953	478,378,752	(139,974,353)			(139,974,353)		378,900,953		211,820,358	211,820,358	5,441,759	XXX	XXX
9999999	Total - Bonds, Preferred and Common Stocks.....					1,283,564,673	XXX	1,077,075,038	845,776,773	(136,196,897)			(136,196,897)		1,064,804,918		218,566,295	218,566,295	16,888,877	XXX	XXX

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(a) For all common stock bearing the NAIC market indicator "U" provide: the number of such issues: 1.

Sch. DB - Pt. A - Sn. 1
NONE

Sch. DB - Pt. B - Sn. 1
NONE

Sch. DB - Pt. D - Sn. 1
NONE

Sch. DB - Pt. D - Sn. 2
NONE

**SCHEDULE DL - PART 1
SECURITIES LENDING COLLATERAL ASSETS**

Reinvested Collateral Assets Owned Current Statement Date

(Securities lending collateral assets reported in aggregate on one Line 10 of the Assets page and not included on Schedules A, B, BA, D, DB and E.)

1	2	3	4	5	6	7
CUSIP Identification	Description	Code	NAIC Designation and Administrative Symbol / Market Indicator	Fair Value	Book/Adjusted Carrying Value	Maturity Date
Cash Equivalents (Schedule E Part 2 Type)						
00850V WA 6	AGRIC BK OF CHINA LTD - NY BRANCH.....	C.....		993,575	993,575	09/10/2019.....
000000 00 0	AUSTRALIA NEW ZEALAND LONDON.....	C.....		500,000	500,000	06/21/2019.....
05966D TV 4	BANCO SANTANDER SA NY.....	C.....		1,000,000	1,000,000	07/16/2019.....
000000 00 0	BANCO SANTANDER SA, LONDON.....	C.....		500,000	500,000	06/21/2019.....
000000 00 0	BANK OF MONTREAL, LONDON.....	C.....		500,000	500,000	06/24/2019.....
000000 00 0	BARCLAYS BANK PLC.....	C.....		500,000	500,000	06/21/2019.....
000000 00 0	BNP Paribas Paris.....	C.....		5,000,000	5,000,000	08/26/2019.....
000000 00 0	BRED BANQUE POPULAIRE.....	C.....		500,000	500,000	06/21/2019.....
16891N U3 9	CCB NY CHINA CONSTRUCTION BANK.....	C.....		993,288	993,288	07/03/2019.....
000000 00 0	DEUTSCHE BANK SECURITIES INC.....	C.....		7,657,506	7,657,506	06/21/2019.....
45580D YG 3	IND AND COM BK OF CHINA LTD, NY BR.....	C.....		1,000,000	1,000,000	07/25/2019.....
000000 00 0	LANDESBANK BADEN WUERTTEMBERG, STUT.....	C.....		400,000	400,000	06/21/2019.....
53944R X3 7	LMA AMERICAS LLC.....	C.....		986,733	986,733	10/03/2019.....
000000 00 0	Mitsubishi UFJ Trust & Bank Co.....	C.....		496,950	496,950	09/13/2019.....
000000 00 0	NATIONAL AUSTRALIA BANK LONDON.....	C.....		400,000	400,000	06/21/2019.....
000000 00 0	NATIXIS FINANCIAL PRODUCTS LLC.....	C.....		1,000,000	1,000,000	07/25/2019.....
000000 00 0	NATIXIS NEW YORK BRANCH.....	C.....		11,000,000	11,000,000	06/21/2019.....
65602V KB 1	NORINCHUKIN BANK NY.....	C.....		1,004,909	1,004,909	07/08/2019.....
000000 00 0	ROYAL BANK OF CANADA LONDON.....	C.....		400,000	400,000	06/21/2019.....
82124M TQ 3	SHEFFIELD RECEIVABLE CORP.....	C.....		986,779	986,779	06/24/2019.....
83368Y BU 0	SOCIETE GENERALE NEW YORK.....	C.....		1,001,774	1,001,774	12/18/2019.....
000000 00 0	SOCIETE GENERALE NY BRANCH.....	C.....		5,000,000	5,000,000	06/21/2019.....
89114M C7 0	TORONTO DOMINION NY.....	C.....		1,005,078	1,005,078	07/09/2019.....
89233H VV 3	TOYOTA MOTOR CREDIT CORP.....	C.....		987,118	987,118	08/29/2019.....
000000 00 0	UNITED OF OMAHA LIFE INSURANCE.....	C.....		1,500,000	1,500,000	07/22/2019.....
000000 00 0	UNITED OVERSEAS BANK LTD, NY.....	C.....		1,000,000	1,000,000	08/01/2019.....
9199999.	Total - Cash Equivalents (Schedule E Part 2 Type).....			46,313,709	46,313,709	XXX
Other Assets						
000000 00 0	.....					07/22/2019.....
9299999.	Total - Other Assets.....			0	0	XXX
9999999.	Totals.....			46,313,709	46,313,709	XXX

General Interrogatories:

- The activity for the year: Fair Value \$.....1,463,534 Book/Adjusted Carrying Value \$.....1,453,534
- Average balance for the year: Fair Value \$.....43,788,050 Book/Adjusted Carrying Value \$.....43,788,050
- Reinvested securities lending collateral assets book/adjusted carrying value included in this schedule by NAIC designation:
 NAIC 1: \$.....46,313,709 NAIC 2: \$.....0 NAIC 3: \$.....0 NAIC 4: \$.....0 NAIC 5: \$.....0 NAIC 6: \$.....0

**SCHEDULE DL - PART 2
SECURITIES LENDING COLLATERAL ASSETS**

Reinvested Collateral Assets Owned Current Statement Date

(Securities lending collateral assets included on Schedules A, B, BA, D, DB and E and not reported in aggregate on Line 10 of the Assets page).

1	2	3	4	5	6	7
CUSIP Identification	Description	Code	NAIC Designation and Administrative Symbol / Market Indicator	Fair Value	Book/Adjusted Carrying Value	Maturity Date

General Interrogatories:

1. The activity for the year: Fair Value \$.....0 Book/Adjusted Carrying Value \$.....0
2. Average balance for the year: Fair Value \$.....0 Book/Adjusted Carrying Value \$.....0

NONE

FACTORY MUTUAL INSURANCE COMPANY

SCHEDULE E - PART 1 - CASH

Month End Depository Balances

1 Depository	2 Code	3 Rate of Interest	4 Amount of Interest Received During Current Quarter	5 Amount or Interest Accrued at Current Statement Date	Book Balance at End of Each Month During Current Quarter			9 *
					6 First Month	7 Second Month	8 Third Month	
Open Depositories								
ANZ BANKING GROUP LIMITED.....	SINGAPORE .....	.....0.250	.....7,560	.....	.....13,424,002	.....13,356,866	.....8,717,221	XXX
BANK OF AMERICA (OPERATING).....	HARTFORD, CT.....	.....	.....	.....	.....1,044,238	.....504,895	.....2,051,670	XXX
BANK OF AMERICA (LOSS PAYMENT).....	HARTFORD, CT.....	.....	.....	.....	.....(11,805,961)	.....(24,328,489)	.....(18,300,597)	XXX
BANK OF AMERICA (CDR AP).....	HARTFORD, CT.....	.....	.....	.....	.....(4,291,086)	.....(2,457,285)	.....(1,615,627)	XXX
BANK OF AMERICA - SINGAPORE.....	WILMINGTON, DE.....	.....	.....	.....	.....13,471,422	.....13,471,422	.....11,997,423	XXX
HSBC BANK OF AUSTRALIA LIMITED USD ACCOUNT	AUSTRALIA.....	.....	.....	.....	.....1,572,531	.....20,688,393	.....3,685,211	XXX
HSBC-HK&SHANGHAI BANKING CORP LTD..	HONG KONG.....	.....	.....	.....	.....17,298,522	.....17,606,390	.....27,183,997	XXX
HSBC-HK&SHANGHAI BANKING CORP LTD. USD ACCOUNT	HONG KONG.....	.....	.....	.....	.....8,731,882	.....8,053,131	.....8,039,051	XXX
HSBC-HK&SHANGHAI BANKING CORP LTD..	SINGAPORE.....	.....	.....	.....	.....7,084,999	.....4,678,292	.....10,268,513	XXX
HSBC-HK&SHANGHAI BANKING CORP LTD. USD ACCOUNT	SINGAPORE.....	.....	.....	.....	.....3,110,804	.....2,669,400	.....2,748,015	XXX
HSBC-BANK MALAYSIA BERHAD.....	MALAYSIA.....	.....	.....	.....	.....19,277,165	.....19,082,477	.....21,029,851	XXX
HSBC-HK&SHANGHAI BANKING CORP LTD. USD	NEW ZEALAND.....	.....	.....	.....	.....5,558,774	.....5,578,006	.....2,122,458	XXX
HSBC-HK&SHANGHAI BANKING CORP LTD. NZD	NEW ZEALAND.....	.....	.....	.....	.....12,247,971	.....11,803,241	.....12,626,919	XXX
HSBC-HK&SHANGHAI BANKING CORP LTD. AUD	NEW ZEALAND.....	.....	.....	.....	.....887,215	.....832,825	.....829,370	XXX
JP MORGAN CHASE.....	COLUMBUS, OH.....	.....0.800	.....194,408	.....	.....51,172,592	.....69,037,395	.....149,238,427	XXX
JP MORGAN PRIV EQ-M.STANLEY.....	COLUMBUS, OH.....	.....0.800	.....59,066	.....	.....13,951,043	.....12,525,052	.....14,594,938	XXX
JP MORGAN CHASE SINGAPORE BRANCH..	COLUMBUS, OH.....	.....0.800	.....25,198	.....	.....13,471,422	.....13,480,961	.....12,208,926	XXX
JP MORGAN CHASE AUSTRALIA BRANCH...	LONDON.....	.....0.800	.....372	.....	.....2,285,806	.....3,140,415	.....3,127,530	XXX
NORTHERN TRUST DDA	CHICAGO, IL.....	.....	.....	.....	.....2,530,885	.....2,565,238	.....1,242,245	XXX
ROYAL BANK (RES ACCT).....	TORONTO, ON, CAN.....	.....1.445	.....148,712	.....33,970	.....13,208,396	.....44,620,052	.....41,588,580	XXX
ROYAL BANK (USD ACCT).....	TORONTO, ON, CAN.....	.....1.445	.....53,317	.....15,100	.....5,389,570	.....6,013,344	.....7,343,387	XXX
ROYAL BANK (LOSS PAY).....	TORONTO, ON, CAN.....	.....	.....	.....	.....6,213,038	.....9,887,629	.....31,799,669	XXX
RBC INVESTOR SERVICES.....	TORONTO, ON, CAN.....	.....1.445	.....13,805	.....	.....3,283,241	.....984,728	.....4,162,457	XXX
0199998. Deposits in.... 4 depositories that do not exceed the allowable limit in any one depository (see Instructions) - Open Depositories.....	XXX	XXX	.....63	.....	.....107,780	.....139,250	.....119,081	XXX
0199999. Total Open Depositories.....	XXX	XXX	.....502,502	.....49,070	.....199,226,250	.....253,933,629	.....356,808,714	XXX
0399999. Total Cash on Deposit.....	XXX	XXX	.....502,502	.....49,070	.....199,226,250	.....253,933,629	.....356,808,714	XXX
0499999. Cash in Company's Office.....	XXX	XXX	XXX	XXX	.....12,903	.....12,829	.....12,829	XXX
0599999. Total Cash.....	XXX	XXX	.....502,502	.....49,070	.....199,239,153	.....253,946,458	.....356,821,542	XXX

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned End of Current Quarter

1	2	3	4	5	6	7	8	9
CUSIP	Description	Code	Date Acquired	Rate of Interest	Maturity Date	Book/Adjusted Carrying Value	Amount of Interest Due & Accrued	Amount Received During Year
Sweep Accounts								
	HSBC AUSTRALIA TERM DEPOSIT.....		12/31/2014.....	1.135		25,169,423		19,580
	HSBC BRAZIL.....		01/30/1990.....			5,060,496		
	BANK OF AMERICA AUSTRALIAN TERM DEPOSIT.....		07/01/2015.....	1.650		8,941,216	3,990	12,073
	BANK OF AMERICA (USD) TERM DEPOSIT.....		07/01/2015.....			24,434,669		
	ANZ AUSTRALIAN TERM DEPOSIT.....		03/31/2015.....	1.506		21,719,602	42,656	269,942
	HSBC AUSTRALIA.....		03/31/2019.....	2.150		13,514,140	3,218	184,674
8499999	Total - Sweep Accounts.....					98,839,546	49,864	486,269
All Other Money Market Mutual Funds								
09248U 61 9	BLACKROCK LIQUIDITY TEMPFUND INST'L.....		12/27/2018.....	2.430		154,318,630		1,852,005
31607A 20 8	FIDELITY PRIME MON MAR-INS COMMON STK.....		05/16/2019.....	2.410		67,007,277		307,835
38141W 23 2	GOLDMAN SACHS FINANCIAL SQUARE INST'L.....		05/31/2019.....	2.470		30,554,742		176,107
4812A0 36 7	JPM PRIME MMTK-CAPITAL.....		06/20/2019.....	2.420		81,524,313		
85749P 10 1	STATE ST INST LIQ RES-PREM.....		04/23/2019.....	2.450		124,870,551		1,357,362
8699999	Total - All Other Money Market Mutual Funds.....					458,275,513	0	3,693,309
8899999	Total - Cash Equivalents.....					557,115,059	49,864	4,179,578

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