



QUARTERLY STATEMENT

As of March 31, 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	Jeffrey Black <i>(Name)</i> jeffrey.black@fmglobal.com <i>(E-Mail Address)</i>	401-415-1559 <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. Theresa Ann Molloy	Vice President & Controller	4. Denise Anastasia Hebert	Vice President & Treasurer

OTHER

Bret Nils Ahnell	Executive Vice President	Kevin Scott Ingram	Executive Vice President
Malcolm Craig Roberts	Executive Vice President	Christopher Johnson	Executive Vice President
Sanjay Chawla	Senior Vice President	Jonathan Irving Mishara	Senior Vice President
Michael Robert Turner	Executive Vice President	Deanna Ruth Fidler	Senior Vice President

DIRECTORS OR TRUSTEES

Frank Thomas Connor	Colin Richard Day	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) Theresa Ann Molloy 3. (Printed Name) Vice President & Controller (Title)
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Subscribed and sworn to before me
This 10th day of May 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.....	5,038,742,052		5,038,742,052	4,873,958,080
2. Stocks:				
2.1 Preferred stocks.....			0	
2.2 Common stocks.....	9,578,391,580		9,578,391,580	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 (\$.....273,515,404), cash equivalents (\$.....782,620,257) and short-term investments (\$.....7,266,797).....	1,063,402,458		1,063,402,458	1,118,505,925
6. Contract loans (including \$.....0 premium notes).....			0	
7. Derivatives.....			0	
8. Other invested assets.....	1,873,962,961		1,873,962,961	1,935,851,394
9. Receivables for securities.....	56,762,461		56,762,461	1,181,574
10. Securities lending reinvested collateral assets.....	51,976,618		51,976,618	44,850,175
11. Aggregate write-ins for invested assets.....	0	0	0	0
12. Subtotals, cash and invested assets (Lines 1 to 11).....	17,663,238,130	0	17,663,238,130	16,846,288,609
13. Title plants less \$.....0 charged off (for Title insurers only).....			0	
14. Investment income due and accrued.....	55,671,396		55,671,396	55,064,905
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection.....	834,995,396	47,975,027	787,020,369	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.....	147,735,682		147,735,682	183,019,335
16.2 Funds held by or deposited with reinsured companies.....	81,013,806		81,013,806	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.....	185,200,078		185,200,078	241,118,948
18.2 Net deferred tax asset.....			0	
19. Guaranty funds receivable or on deposit.....	133,542		133,542	167,220
20. Electronic data processing equipment and software.....	38,768,732	36,164,016	2,604,716	3,153,590
21. Furniture and equipment, including health care delivery assets (\$.....0).....	55,876,006	55,876,006	0	
22. Net adjustment in assets and liabilities due to foreign exchange rates.....			0	
23. Receivables from parent, subsidiaries and affiliates.....	170,318,433	27,549,433	142,769,000	204,252,154
24. Health care (\$.....0) and other amounts receivable.....			0	
25. Aggregate write-ins for other than invested assets.....	464,107,241	256,286,922	207,820,319	247,422,215
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 through 25).....	19,697,058,442	423,851,404	19,273,207,038	18,464,022,450
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts.....			0	
28. Total (Lines 26 and 27).....	19,697,058,442	423,851,404	19,273,207,038	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.....	197,517,787	197,517,787	0	
2502. CSV life insurance.....	111,221,443		111,221,443	109,287,480
2503. Cash clearing accounts.....	89,343,528		89,343,528	127,662,474
2598. Summary of remaining write-ins for Line 25 from overflow page.....	66,024,483	58,769,135	7,255,348	10,472,261
2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....	464,107,241	256,286,922	207,820,319	247,422,215

LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Losses (current accident year \$....444,581,156).....	3,585,585,154	3,690,194,572
2. Reinsurance payable on paid losses and loss adjustment expenses.....	144,758,416	236,321,920
3. Loss adjustment expenses.....	200,590,575	206,218,372
4. Commissions payable, contingent commissions and other similar charges.....		
5. Other expenses (excluding taxes, licenses and fees).....	468,084,544	477,105,244
6. Taxes, licenses and fees (excluding federal and foreign income taxes).....	3,898,674	19,512,893
7.1 Current federal and foreign income taxes (including \$.....0 on realized capital gains (losses)).....		
7.2 Net deferred tax liability.....	354,035,493	231,246,867
8. Borrowed money \$.....0 and interest thereon \$.....0.....		
9. Unearned premiums (after deducting unearned premiums for ceded reinsurance of \$....556,384,286 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).....	1,390,358,636	1,419,350,044
10. Advance premium.....	2,219,831	692,701
11. Dividends declared and unpaid:		
11.1 Stockholders.....		
11.2 Policyholders.....		
12. Ceded reinsurance premiums payable (net of ceding commissions).....	366,292,619	302,608,389
13. Funds held by company under reinsurance treaties.....	5,619,527	5,727,485
14. Amounts withheld or retained by company for account of others.....	10,179,077	10,517,459
15. Remittances and items not allocated.....	2,842,413	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.....	246,634,712	260,858,391
18. Drafts outstanding.....		
19. Payable to parent, subsidiaries and affiliates.....		
20. Derivatives.....		
21. Payable for securities.....	21,139,096	10,945,544
22. Payable for securities lending.....	51,976,618	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.....	106,240,661	115,166,740
26. Total liabilities excluding protected cell liabilities (Lines 1 through 25).....	7,098,644,646	7,222,755,927
27. Protected cell liabilities.....		
28. Total liabilities (Lines 26 and 27).....	7,098,644,646	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).....	12,173,312,392	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).....	12,174,562,392	11,241,266,523
38. Totals (Page 2, Line 28, Col. 3).....	19,273,207,038	18,464,022,450

DETAILS OF WRITE-INS

2501. Miscellaneous accounts payable.....	82,570,347	90,369,142
2502. SSAP 92 defined benefit plan contra liability.....	(3,136,000)	(2,008,716)
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).....	106,240,661	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

FACTORY MUTUAL INSURANCE COMPANY 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 \$636,295,426).....	754,798,189	675,404,107	2,836,957,324
1.2 Assumed..... (written \$467,843,124).....	369,031,504	358,155,994	1,517,430,948
1.3 Ceded..... (written \$395,274,532).....	385,974,267	329,367,808	1,401,506,065
1.4 Net..... (written \$708,864,018).....	737,855,426	704,192,293	2,952,882,207
DEDUCTIONS:			
2. Losses incurred (current accident year \$501,807,628):			
2.1 Direct.....	624,743,277	513,874,730	2,679,482,547
2.2 Assumed.....	178,844,042	96,870,450	855,329,884
2.3 Ceded.....	362,423,028	86,640,241	370,950,139
2.4 Net.....	441,164,291	524,104,939	3,163,862,292
3. Loss adjustment expenses incurred.....	21,993,161	13,178,277	123,053,610
4. Other underwriting expenses incurred.....	227,093,640	256,833,156	896,119,142
5. Aggregate write-ins for underwriting deductions.....	0	0	0
6. Total underwriting deductions (Lines 2 through 5).....	690,251,092	794,116,372	4,183,035,044
7. Net income of protected cells.....			
8. Net underwriting gain (loss) (Line 1 minus Line 6 + Line 7).....	47,604,334	(89,924,079)	(1,230,152,837)
INVESTMENT INCOME			
9. Net investment income earned.....	65,762,123	63,619,389	288,891,584
10. Net realized capital gains (losses) less capital gains tax of \$40,044,000.....	150,642,774	154,578,592	604,595,070
11. Net investment gain (loss) (Lines 9 + 10).....	216,404,897	218,197,981	893,486,654
OTHER INCOME			
12. Net gain or (loss) from agents' or premium balances charged off (amount recovered \$0 amount charged off \$261,435).....	(261,435)	(132,273)	(331,923)
13. Finance and service charges not included in premiums.....			
14. Aggregate write-ins for miscellaneous income.....	2,895,037	(12,918,964)	(5,502,720)
15. Total other income (Lines 12 through 14).....	2,633,602	(13,051,237)	(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).....	266,642,833	115,222,665	(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).....	266,642,833	115,222,665	(342,500,826)
19. Federal and foreign income taxes incurred.....	16,692,364	(11,189,987)	(165,705,412)
20. Net income (Line 18 minus Line 19) (to Line 22).....	249,950,469	126,412,652	(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).....	249,950,469	126,412,652	(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 \$112,507,000.....	682,136,227	(228,448,394)	(1,137,963,340)
25. Change in net unrealized foreign exchange capital gain (loss).....	7,287,786	(15,092,515)	(40,458,312)
26. Change in net deferred income tax.....	(10,281,260)	9,743,951	68,597,801
27. Change in nonadmitted assets.....	(32,871,828)	(57,191,764)	(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.....	37,074,475	87,106,966	45,142,021
38. Change in surplus as regards policyholders (Lines 22 through 37).....	933,295,869	(77,469,104)	(1,260,510,481)
39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38).....	12,174,562,392	12,424,307,900	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.....	(7,038)	(2,203)	37,073
1402. Balances recovered (charged off).....	8,362	(28,547)	(40,412)
1403. Gain (loss) on foreign exchange.....	2,893,713	(12,888,214)	(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).....	2,895,037	(12,918,964)	(5,502,720)
3701. SSAP 102 and SSAP 92 amortization / actuarial gains.....	37,074,475	87,106,966	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).....	37,074,475	87,106,966	45,142,021

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.....	644,088,905	586,470,953	3,057,423,700
2. Net investment income.....	70,467,542	79,981,574	405,028,790
3. Miscellaneous income.....	2,633,602	(13,051,237)	(5,834,643)
4. Total (Lines 1 through 3).....	717,190,049	653,401,290	3,456,617,847
5. Benefit and loss related payments.....	663,514,309	264,160,947	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.....	279,315,839	322,547,396	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).....	817,494	(96,141,596)	(252,699,896)
10. Total (Lines 5 through 9).....	943,647,642	490,566,747	3,470,747,430
11. Net cash from operations (Line 4 minus Line 10).....	(226,457,593)	162,834,543	(14,129,583)
CASH FROM INVESTMENTS			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds.....	545,571,725	498,310,345	2,161,924,826
12.2 Stocks.....	744,423,288	410,302,947	1,824,295,969
12.3 Mortgage loans.....			
12.4 Real estate.....			
12.5 Other invested assets.....	106,587,226	17,292,779	133,321,826
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments.....	105,539	(142,728)	(60,384)
12.7 Miscellaneous proceeds.....	10,193,552	5,893,117	524,045
12.8 Total investment proceeds (Lines 12.1 to 12.7).....	1,406,881,330	931,656,460	4,120,006,282
13. Cost of investments acquired (long-term only):			
13.1 Bonds.....	708,214,762	505,398,330	2,579,761,742
13.2 Stocks.....	486,075,827	197,646,854	1,117,186,122
13.3 Mortgage loans.....			
13.4 Real estate.....			
13.5 Other invested assets.....	38,660,649	4,902,607	129,047,841
13.6 Miscellaneous applications.....	55,580,886	15,377,469	1,394,915
13.7 Total investments acquired (Lines 13.1 to 13.6).....	1,288,532,124	723,325,260	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).....	118,349,206	208,331,200	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).....	53,004,920	(149,156,774)	(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).....	53,004,920	(149,156,774)	(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).....	(55,103,467)	222,008,969	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).....	1,063,402,458	1,252,062,059	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	\$ 249,950,469	\$ (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	\$ 249,950,469	\$ (176,795,414)
SURPLUS					
(5) The Company state basis (Page 3, line 37, Columns 1 & 2)	XXX	XXX	XXX	\$ 12,174,562,392	\$ 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	\$ 12,174,562,392	\$ 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	\$	4
	2. 12 Months or Longer	\$	466,362
b. The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$	1,499,985
	2. 12 Months or Longer	\$	36,544,215

(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)**

\$ 51,976,618

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.

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

NOTES TO FINANCIAL STATEMENTS

Note 5 – Investments (continued from preceding page)

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

Not applicable.

Note 9 – Income Taxes

No significant changes.

NOTES TO FINANCIAL STATEMENTS**Note 10 – Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties**

No significant changes.

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	\$ 15,612,415	\$ 72,128,000	\$ 387,193	\$ 1,814,000	\$ -	\$ -
b. Interest cost	27,278,590	98,177,000	1,715,438	7,488,000	-	-
c. Expected return on plan assets	(44,089,135)	(179,621,000)	(2,078,862)	(9,728,000)	-	-
d. Transition asset or obligation	(28,687)	(118,000)	-	1,749,000	-	-
e. Gains and losses	5,931,961	40,086,000	845,488	2,582,000	-	-
f. Prior service cost or credit	34,536	139,000	(911,561)	4,492,000	-	-
g. Gain or loss recognized due to a settlement curtailment	-	5,565,000	-	-	-	-
h. Total net periodic benefit cost	\$ 4,739,680	\$ 36,356,000	\$ (42,304)	\$ 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.

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

No significant changes.

NOTES TO FINANCIAL STATEMENTS**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.

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	\$ -	\$ 68,308,467	\$ -	\$ -	\$ 68,308,467
Common Stocks - Industrial & Miscellaneous	\$ 4,824,643,513	\$ -	\$ -	\$ -	\$ 4,824,643,513
Common Stocks - Mutual Funds	\$ 1,015,711,466	\$ -	\$ -	\$ -	\$ 1,015,711,466
Money Market Mutual Funds	\$ -	\$ -	\$ -	\$ 653,460,890	\$ 653,460,890
Total	\$ 5,840,354,979	\$ 68,308,467	\$ -	\$ 653,460,890	\$ 6,562,124,336

NOTES TO FINANCIAL STATEMENTS**Note 20 – Fair Value Measurements (continued from preceding page)**

(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 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	\$5,177,473,706	\$5,038,742,052	\$ -	\$5,038,742,052	\$ -	\$ -	\$ -
Common Stocks	\$5,840,354,979	\$5,840,354,979	\$5,840,354,979	\$ -	\$ -	\$ -	\$ -
Cash and Cash Equivalents	\$1,063,402,458	\$1,063,402,458	\$ 409,941,568	\$ -	\$ -	\$ 653,460,890	\$ -
Securities Lending Reinvested Collateral Assets	\$ 51,976,618	\$ 51,976,618	\$ 51,976,618	\$ -	\$ -	\$ -	\$ -
Total	\$12,133,207,761	\$11,994,476,107	\$6,302,273,165	\$5,038,742,052	\$ -	\$ 653,460,890	\$ -

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.

NOTES TO FINANCIAL STATEMENTS

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.

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? Yes [X] No []
If yes, complete Schedule Y, Parts 1 and 1A.
- 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? Yes [] No [X]
If yes, complete and file the merger history data file with the NAIC for the annual filing corresponding to this period.
- 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? Yes [] No [X] N/A []
If yes, attach an explanation.

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

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

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: \$ 1,069,681,577
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:

	1 Prior Year End Book/Adjusted Carrying Value		2 Current Quarter Book/Adjusted Carrying Value
14.21	\$ 0		\$ 0
14.22	0		0
14.23	3,478,005,825		3,738,036,601
14.24	0		0
14.25	0		0
14.26	1,071,502,414		1,069,681,577
14.27	\$ 4,549,508,239		\$ 4,807,718,178
14.28	\$ 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: \$ 51,976,618
- 16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 51,976,618
- 16.3 Total payable for securities lending reported on the liability page: \$ 51,976,618

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
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

- 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

GENERAL INTERROGATORIES**PART 1 - COMMON INTERROGATORIES**

Lexington Partners L.P.	U
Oaktree Capital Management L.P.	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 [X]

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 [X]

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	549300PT67J6DFJJCA91	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.	JOAJT0QKF9HVVYTX5K56	SEC	DS

18.1 Have all the filing requirements of the *Purposes and Procedures Manual of the NAIC Investment Analysis Office* been followed? Yes [X] 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 [X]

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 [X]

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 []

FACTORY MUTUAL INSURANCE COMPANY
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
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...	.....	.....

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.....		13,176,293	8,137,905	1,293,679	3,624,410	6,110,688	2,959,364
2. Alaska.....AK.....L.....		928,575	1,385,291		478,600	3,921,599	469,148
3. Arizona.....AZ.....L.....		8,380,045	9,152,848	800,034	7,373,511	15,517,574	10,791,278
4. Arkansas.....AR.....L.....		2,734,041	2,659,820	1,688,017	712,519	50,367,499	28,381,397
5. California.....CA.....L.....		77,513,206	74,887,706	29,570,123	30,106,590	393,123,162	76,748,663
6. Colorado.....CO.....L.....		4,747,402	3,778,561	6,689,881	11,714,133	9,993,480	27,684,171
7. Connecticut.....CT.....L.....		4,165,069	3,927,861	591,454	1,234,608	18,077,766	14,336,974
8. Delaware.....DE.....L.....		596,605	449,568	226,203		857,130	3,266,395
9. District of Columbia.....DC.....L.....		2,609,890	2,364,608	10,396,283	20,212,086	43,972,771	51,410,729
10. Florida.....FL.....L.....		27,913,683	24,563,007	17,363,053	21,395,465	360,645,857	163,216,335
11. Georgia.....GA.....L.....		15,709,676	11,356,466	17,892,788	11,977,299	39,245,198	37,106,811
12. Hawaii.....HI.....L.....		1,849,149	1,077,263		2,742	359,075	370,752
13. Idaho.....ID.....L.....		3,113,641	1,439,016	1,903,280	720,414	364,088	
14. Illinois.....IL.....L.....		23,305,790	22,482,725	2,461,723	2,315,571	52,590,331	48,772,784
15. Indiana.....IN.....L.....		11,530,888	8,130,140	2,910,135	799,108	11,664,588	18,127,639
16. Iowa.....IA.....L.....		12,067,929	10,519,095	13,006,313	1,893,295	21,825,330	17,350,837
17. Kansas.....KS.....L.....		6,134,184	5,971,383	6,456,090	781,860	17,795,496	27,361,787
18. Kentucky.....KY.....L.....		8,069,401	7,744,925	18,481,451	1,468,781	21,602,467	18,538,695
19. Louisiana.....LA.....L.....		23,521,069	15,537,709	2,437,106	22,743,493	43,070,367	54,553,298
20. Maine.....ME.....L.....		2,610,277	1,253,068	1,012,972		2,104,084	2,504,910
21. Maryland.....MD.....L.....		3,322,815	3,614,665	2,382,939	1,053,376	26,516,142	24,366,979
22. Massachusetts.....MA.....L.....		7,176,398	9,088,862	4,852,965	1,516,388	48,050,705	30,200,276
23. Michigan.....MI.....L.....		4,216,320	5,293,775	4,791,226	1,524,859	15,139,575	19,076,567
24. Minnesota.....MN.....L.....		14,760,577	10,943,342	(120,458)	3,169,106	72,290,708	7,788,379
25. Mississippi.....MS.....L.....		5,940,366	4,653,284	78,638	96,558	1,154,280	4,491,242
26. Missouri.....MO.....L.....		6,294,584	6,424,072	1,828,093	1,383,222	6,039,215	13,595,945
27. Montana.....MT.....L.....		750,529	779,352		128,096	508,326	4,428,526
28. Nebraska.....NE.....L.....		2,773,028	2,692,819	(122,341)	2,131,276	28,769,267	1,213,087
29. Nevada.....NV.....L.....		5,184,076	2,662,785	(25,042)	1,491,774	2,655,020	29,525,198
30. New Hampshire.....NH.....L.....		703,760	1,123,154		2,344,314	1,724,027	1,710,492
31. New Jersey.....NJ.....L.....		9,050,421	7,640,308	13,409,962	991,753	347,185,237	37,648,689
32. New Mexico.....NM.....L.....		1,257,389	1,089,371	1,267,763	909	8,143,272	15,563,327
33. New York.....NY.....L.....		35,762,992	28,722,260	8,113,610	4,931,351	321,276,350	328,608,340
34. North Carolina.....NC.....L.....		23,581,273	25,262,809	10,499,099	1,244,746	84,037,334	35,708,071
35. North Dakota.....ND.....L.....		5,086,346	7,530,703	805,034		8,252,606	15,706,876
36. Ohio.....OH.....L.....		13,994,365	19,337,475	18,208,550	2,975,760	53,610,228	51,051,367
37. Oklahoma.....OK.....L.....		4,482,471	3,827,265	1,176,095	1,000,904	8,101,654	7,577,936
38. Oregon.....OR.....L.....		5,468,144	8,493,047	513,872	2,323,320	3,914,145	1,617,802
39. Pennsylvania.....PA.....L.....		19,637,792	17,063,928	24,943,077	10,124,288	78,979,826	68,699,148
40. Rhode Island.....RI.....L.....		1,860,265	1,822,416	2,325,802	1,168,882	6,085,312	4,890,465
41. South Carolina.....SC.....L.....		10,346,804	13,503,869	5,723,863	347,371	40,972,928	10,987,293
42. South Dakota.....SD.....L.....		3,159,623	2,419,015	84,185		6,407,085	184,669
43. Tennessee.....TN.....L.....		15,875,266	15,091,664	1,798,045	1,622,862	38,048,646	256,934,473
44. Texas.....TX.....L.....		54,436,821	49,871,846	44,702,954	28,822,832	210,531,525	438,441,800
45. Utah.....UT.....L.....		6,317,582	9,195,473	2,263,040	5,733,602	1,268,404	10,865,501
46. Vermont.....VT.....L.....		303,717	359,637			2,702,862	2,295,944
47. Virginia.....VA.....L.....		9,341,743	8,782,198	1,395,570	945,710	25,258,771	7,950,840
48. Washington.....WA.....L.....		11,407,441	13,947,263	4,023,355	1,416,250	11,181,975	22,038,233
49. West Virginia.....WV.....L.....		937,656	1,072,902	283,068	500,000	9,307,888	1,534,296
50. Wisconsin.....WI.....L.....		7,126,492	3,890,562	2,223,191	2,614,740	20,492,447	92,031,138
51. Wyoming.....WY.....L.....		1,581,707	1,255,328			3,659,729	
52. American Samoa.....AS.....N.....							
53. Guam.....GU.....L.....		16,869	50,635				
54. Puerto Rico.....PR.....L.....		5,707,780	6,080,226	12,376,319	34,565,719	387,175,283	589,967,825
55. US Virgin Islands.....VI.....L.....		170,349	117,896	2,115,967	1,700,000	8,700,350	9,552,400
56. Northern Mariana Islands.....MP.....L.....		8,745	8,907				
57. Canada.....CAN.....L.....		35,049,888	29,483,948	49,672,521	25,437,378	316,843,015	222,922,729
58. Aggregate Other Alien.....OT.....XXX.....		52,526,219	61,243,692	25,112,715	9,219,253	231,342,465	213,883,937
59. Totals.....XXX.....		636,295,426	601,259,718	381,884,265	292,081,084	3,549,535,154	3,187,011,757

DETAILS OF WRITE-INS

58001. AFG AFGHANISTAN.....XXX.....	74,700	31,632					
58002. DZA ALGERIA.....XXX.....	7,027	(11,057)					
58003. ATG ANTIGUA.....XXX.....	4,344	2,217				89,519	245,044
58998. Summary of remaining write-ins for Line 58 from overflow page.....XXX.....	52,440,148	61,220,900	25,112,715	9,219,253	231,252,946		213,638,893
58999. Totals (Lines 58001 thru 58003+ Line 58998) (Line 58 above).....XXX.....	52,526,219	61,243,692	25,112,715	9,219,253	231,342,465		213,883,937

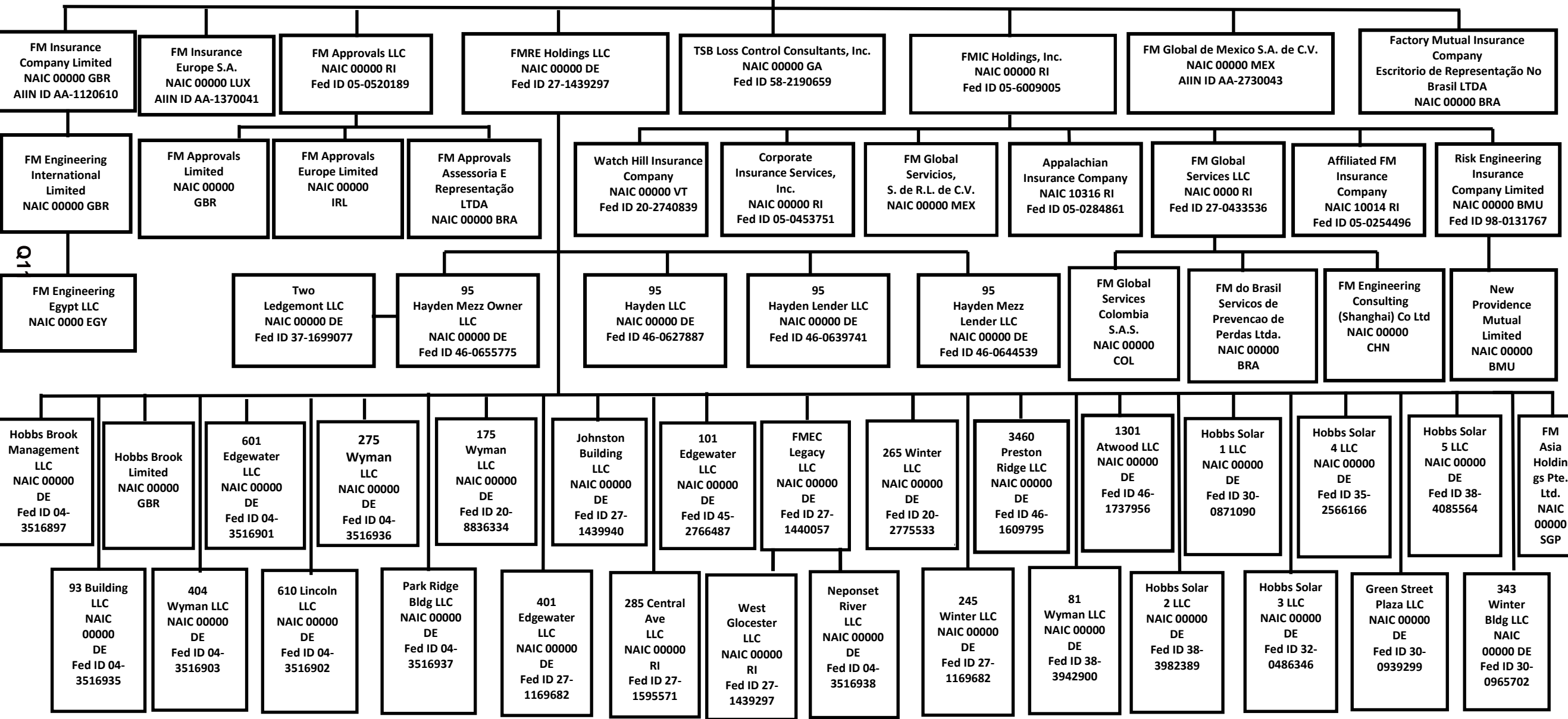
(a) Active Status Count

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
March 31, 2019

Policyholders

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



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 Servicos 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.....	
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.....	

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...	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.....	115,301,672	417,684,061	362.253	142.752
2. Allied lines.....	268,166,608	67,832,200	25.295	92.972
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.....	48,914	31,496	64.391	75.194
9. Inland marine.....	225,450,182	136,475,505	60.535	55.063
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.....		(991,512)	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).....		647,344	0.000	
23. Fidelity.....		(22,542)	0.000	
24. Surety.....			0.000	
26. Burglary and theft.....			0.000	
27. Boiler and machinery.....	145,830,814	3,086,725	2.117	26.457
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.....	754,798,189	624,743,277	82.770	76.084
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.....	106,995,249	106,995,249	91,750,106
2. Allied lines.....	228,801,901	228,801,901	206,065,187
3. Farmowners multiple peril.....			
4. Homeowners multiple peril.....			
5. Commercial multiple peril.....			
6. Mortgage guaranty.....			
8. Ocean marine.....	22,373	22,373	131,808
9. Inland marine.....	189,960,031	189,960,031	191,117,060
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.....	110,515,872	110,515,872	112,195,557
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.....	636,295,426	636,295,426	601,259,718
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	7,090		7,090	102,621		580,336	682,957	(13,061)	(4,109)	(17,170)
2. 2017.....	932,219	115,365	1,047,584	255,841	70	255,911	634,899	937	136,654	772,490	(41,479)	22,296	(19,183)
3. Subtotals 2017 + Prior.....	1,054,991	699,810	1,754,801	262,931	70	263,001	737,520	937	716,990	1,455,447	(54,540)	18,187	(36,353)
4. 2018.....	1,793,779	347,832	2,141,611	240,922	549	241,471	1,526,919	10,603	348,625	1,886,147	(25,938)	11,945	(13,993)
5. Subtotals 2018 + Prior.....	2,848,770	1,047,642	3,896,412	503,853	619	504,472	2,264,439	11,540	1,065,615	3,341,593	(80,478)	30,132	(50,347)
6. 2019.....	XXX	XXX	XXX	XXX	68,923	68,923	XXX	374,658	69,923	444,581	XXX	XXX	XXX
7. Totals.....	2,848,770	1,047,642	3,896,412	503,853	69,542	573,395	2,264,439	386,197	1,135,538	3,786,174	(80,478)	30,132	(50,347)
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. ....(2.8)%	2. ....2.9%	3. ....(1.3)%
													Col. 13, Line 7 Line 8
													4. ....(0.4)%

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.....	43,879,636	43,879,636	0	
2505. CSV director compensation plan.....	4,741,369		4,741,369	4,707,148
2506. Miscellaneous receivable.....	5,329,841	2,815,862	2,513,979	5,765,113
2507. Intangible asset.....	12,073,637	12,073,637	0	
2597. Summary of remaining write-ins for Line 25.....	66,024,483	58,769,135	7,255,348	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. ABW ARUBA.....	.XXX..	10,107	5,849				
58005. AUS AUSTRALIA.....	.XXX..	18,701,928	28,377,583	5,481,861	3,964,273	88,792,479	78,693,080
58006. AUT AUSTRIA.....	.XXX..	153,769	121,173			112,027	
58007. AZE AZERBAIJAN.....	.XXX..	4,179	13,672				
58008. BHS BAHAMAS.....	.XXX..	89,732	76,371				
58009. BHR BAHRAIN.....	.XXX..	17,478	16,035				
58010. BGD BANGLADESH.....	.XXX..	28,718	14,457				
58011. BRB BARBADOS.....	.XXX..	30,929	9,563			10,532	10,427
58012. BEL BELGIUM.....	.XXX..	70,851	105,816				
58013. BMU BERMUDA.....	.XXX..	5,237	1,195				
58014. BOL BOLIVIA.....	.XXX..	52,778	22,544				
58015. BIH BOSNIA.....	.XXX..	3,965	(5,934)				
58016. BRA BRAZIL.....	.XXX..	(131,329)	751,889			223,400	
58017. CYM CAYMAN ISLANDS.....	.XXX..	10,122	7,536				
58018. CHL CHILE.....	.XXX..	73,066	120,046				
58019. CHN CHINA.....	.XXX..	6,353,488	5,564,841				747,118
58020. TWN CHINA - TAIWAN.....	.XXX..	1,620,416	1,474,341			98,850,000	72,500,000
58021. COL COLOMBIA.....	.XXX..	181,743	196,819				
58022. CRI COSTA RICA.....	.XXX..	131,974	118,333				
58023. CUB CUBA.....	.XXX..	9,572	6,167				
58024. CZE CZECH REPUBLIC.....	.XXX..	39,204	13,889				
58025. DNK DENMARK.....	.XXX..	47,330	11,838				
58026. DOM DOMINICAN REPUBLIC.....	.XXX..	383,023	237,105				
58027. ECU ECUADOR.....	.XXX..	26,640	19,402				
58028. EGY EGYPT.....	.XXX..	26,778	47,654				
58029. SLV EL SALVADOR.....	.XXX..	29,654	10,423				
58030. ETH ETHIOPIA.....	.XXX..	6,255	1,534				
58031. FJI FIJI.....	.XXX..	4,729	3,453				
58032. FIN FINLAND.....	.XXX..	172,067	87,648				
58033. FRA FRANCE.....	.XXX..	460,806	517,955		4,393,425	4,601,899	7,719,706
58034. GAB GABON.....	.XXX..	5,641	7,958				
58035. DEU GERMANY.....	.XXX..	1,319,786	1,021,526				
58036. GHA GHANA.....	.XXX..	11,676	26,725				
58037. GRC GREECE.....	.XXX..	37,164	25,421				
58038. GRD GRENADA.....	.XXX..	5,497	575				
58039. GTM GUATEMALA.....	.XXX..	20,351	10,159				
58040. HTI HAITI.....	.XXX..	130,870	114,501			231,696	229,403
58041. HND HONDURAS.....	.XXX..	11,469	12,014				
58042. HKG HONG KONG.....	.XXX..	3,787,537	3,084,117	450,072	16,353	2,664,343	66,009
58043. HUN HUNGARY.....	.XXX..	38,586	26,567				
58044. IND INDIA.....	.XXX..	458,316	873,024	376,330			258,537
58045. IDN INDONESIA.....	.XXX..	1,100,504	106,509				
58046. IRQ IRAQ.....	.XXX..	13,279	18,543				
58047. IRL IRELAND.....	.XXX..	1,249,461	1,638,210				
58048. ISR ISRAEL.....	.XXX..	46,226	191,043				
58049. ITA ITALY.....	.XXX..	126,038	395,998				
58050. JAM JAMAICA.....	.XXX..	67,909	47,845				
58051. JPN JAPAN.....	.XXX..	1,837,397	1,408,873			3,172,208	
58052. KAZ KAZAKHSTAN.....	.XXX..	12,973	28,664				
58053. KEN KENYA.....	.XXX..	18,019	11,763				
58054. KWT KUWAIT.....	.XXX..	9,786	10,152				
58055. KGZ KYRGYZSTAN.....	.XXX..	225,535	669,255				
58056. LBY LIBYAN ARAB JAMAHIRIY.....	.XXX..	14,387	6,599				
58057. MYS MALAYSIA.....	.XXX..	114,873	161,687		305,252		685,068
58058. MTQ MARTINIQUE.....	.XXX..	1,149	1,137			10,532	10,427
58059. MEX MEXICO.....	.XXX..	1,417,462	1,557,264			321,378	353,180
58060. MAR MOROCCO.....	.XXX..	4,390	134				
58061. MMR MYANMAR.....	.XXX..	3,855	1,640				
58062. NPL NEPAL.....	.XXX..	3,976	787				
58063. NLD NETHERLANDS.....	.XXX..	26,845	344,238				
58064. NZL NEW ZEALAND.....	.XXX..	1,223,217	1,327,110	(548,585)	(1,182,086)	3,419,125	23,383,223
58065. NIC NICARAGUA.....	.XXX..	14,801	39,569				
58066. NGA NIGERIA.....	.XXX..	25,782	31,431				
58067. NOR NORWAY.....	.XXX..	181,368	207,728		659,167		
58068. OMN OMAN.....	.XXX..	4,935	7,323				
58069. PAK PAKISTAN.....	.XXX..	20,237	24,886				
58070. PAN PANAMA.....	.XXX..	4,898	13,567				
58071. PRY PARAGUAY.....	.XXX..	15,969	37,089				
58072. PER PERU.....	.XXX..	224,561	144,056				
58073. PHL PHILIPPINES.....	.XXX..	126,770	92,276				22,753,140
58074. POL POLAND.....	.XXX..	38,726	38,863				
58075. PRT PORTUGAL.....	.XXX..	10,572	21,334				
58076. RUS RUSSIA.....	.XXX..	252,693	418,272	19,351,657			
58077. KNA SAINT KITTS.....	.XXX..	1,054	598			173,772	172,052
58078. LCA SAINT LUCIA.....	.XXX..	5,381	3,569			10,532	10,427
58079. MAF SAINT MARTIN DUTCH.....	.XXX..	7,543	2,885			25,328,566	4,796,603
58080. WSM SAMOA.....	.XXX..	11,062	1,708				
58081. SAU SAUDI ARABIA.....	.XXX..	96,100	168,420				
58082. SRB SERBIA.....	.XXX..	5,117	4,528				
58083. SLE SIERRA LEONE.....	.XXX..	4,673	8,075				
58084. SGP SINGAPORE.....	.XXX..	8,209,719	8,119,304	1,381	102,460	959,535	51,504
58085. SVK SLOVAK REPUBLIC.....	.XXX..	22,150	15,696				

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. ZAF SOUTH AFRICA .....	...XXX...	30,802	11,863				
58087. KOR SOUTH KOREA .....	...XXX...	266,596	101,316				
58088. SSD SOUTH SUDAN REPUBLI .....	...XXX...	3,754	281				
58089. ESP SPAIN .....	...XXX...	57,921	82,600				
58090. SUR SURINAM.....	...XXX...	11,757	179,137			52,351	
58091. SWE SWEDEN .....	...XXX...	9,265	8,753				
58092. CHE SWITZERLAND .....	...XXX...	167,278	277,544				
58093. THA THAILAND .....	...XXX...	79,195	147,183				
58094. TON TONGA .....	...XXX...	14,376	1,851				
58095. TTO TRINIDAD TOBAGO .....	...XXX...	26,445	26,125				
58096. TUR TURKEY .....	...XXX...	57,735	282,379				
58097. TCA TURKS CAICOS IS .....	...XXX...	7,435	4,356			1,053,163	1,042,740
58098. UKR UKRAINE.....	...XXX...	12,045	15,622				
58099. ARE UNITED ARAB EMIRATES .....	...XXX...	21,992	60,525				
58100. GBR UNITED KINGDOM .....	...XXX...	297,598	476,993			1,219,777	
58101. URY URUGUAY .....	...XXX...	27,027	6,294				
58102. VEN VENEZUELA.....	...XXX...	101,124	136,453				
58103. VNM VIETNAM.....	...XXX...	72,839	42,916				123,113
58104. OTHER.....	...XXX...	(68,530)	(1,121,703)		960,409	45,633	33,136
58997. Summary of remaining write-ins for Line 58 from overflow.....	...XXX...	52,440,148	61,220,900	25,112,715	9,219,253	231,252,946	213,638,893

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.....	38,660,649	129,047,841
3. Capitalized deferred interest and other.....		
4. Accrual of discount.....		
5. Unrealized valuation increase (decrease).....	(14,696,495)	(16,769,783)
6. Total gain (loss) on disposals.....	20,734,639	53,577,594
7. Deduct amounts received on disposals.....	106,587,226	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.....		
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10).....	1,873,962,961	1,935,851,394
12. Deduct total nonadmitted amounts.....		
13. Statement value at end of current period (Line 11 minus Line 12).....	1,873,962,961	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.....	1,194,290,589	3,696,947,864
3. Accrual of discount.....	1,308,150	3,655,753
4. Unrealized valuation increase (decrease).....	809,265,666	(1,383,813,958)
5. Total gain (loss) on disposals.....	169,920,653	804,946,922
6. Deduct consideration for bonds and stocks disposed of.....	1,289,995,013	3,986,220,795
7. Deduct amortization of premium.....	8,411,078	37,853,305
8. Total foreign exchange change in book/adjusted carrying value.....	(5,289,899)	(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.....	145,024	2,123,976
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7+8-9+10).....	14,617,133,633	13,745,899,541
12. Deduct total nonadmitted amounts.....		
13. Statement value at end of current period (Line 11 minus Line 12).....	14,617,133,633	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).....	4,145,735,221	1,212,760,291	1,041,877,142	10,835,080	4,327,453,450			4,145,735,221
2. NAIC 2 (a).....	402,760,718	37,651,435	45,476,578	(18,574,320)	376,361,255			402,760,718
3. NAIC 3 (a).....	129,800,744	22,392,522	23,182,962	6,138,080	135,148,384			129,800,744
4. NAIC 4 (a).....	152,288,918	39,948,214	33,919,265	(1,033,090)	157,284,777			152,288,918
5. NAIC 5 (a).....	41,159,229	8,967,192	7,432,774	6,989,958	49,683,605			41,159,229
6. NAIC 6 (a).....	2,213,250	1,522,447	954,998	(1,505,882)	1,274,817			2,213,250
7. Total Bonds.....	4,873,958,080	1,323,242,101	1,152,843,719	2,849,826	5,047,206,288	0	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.....	4,873,958,080	1,323,242,101	1,152,843,719	2,849,826	5,047,206,288	0	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 \$.....8,259,077; NAIC 2 \$.....0; NAIC 3 \$.....0; NAIC 4 \$.....0; NAIC 5 \$.....205,158; NAIC 6 \$.....0.

FACTORY MUTUAL INSURANCE COMPANY
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.....	7,266,797	XXX.....	7,298,486		22,306

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.....	613,829,902	41,004,021
3. Accrual of discount.....	65,180	56,015
4. Unrealized valuation increase (decrease).....	(26,561)	792
5. Total gain (loss) on disposals.....	118	(13,465)
6. Deduct consideration received on disposals.....	606,594,595	77,039,121
7. Deduct amortization of premium.....	7,247	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).....	7,266,797	.0
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	7,266,797	.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**

FACTORY MUTUAL INSURANCE COMPANY
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.....	.895,740,104	.4,692,513,894
3. Accrual of discount.....	.2,462	.19,010
4. Unrealized valuation increase (decrease).....	.114,432	.9,609
5. Total gain (loss) on disposals.....	.31,366	.(57,320)
6. Deduct consideration received on disposals.....	.723,491,392	.4,819,675,928
7. Deduct amortization of premium.....		
8. Total foreign exchange change in book/ adjusted carrying value.....	.(1,441,377)	.(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).....	.782,620,257	.611,664,662
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	.782,620,257	.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 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 NAIC Designation and Administrative Symbol/Market Indicator	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made after Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership	
		City	State										
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		7,668,252				
G3927R 90 9	GCM GROSVENOR FM GLOBAL INVESTMENT FUND LP	NEW YORK	NY	GCM GROSVENOR		11/08/2005	3		165,000				
380990 23 4	GSPE - GOLDMAN SACHS PRIVATE EQUITY PARTNERS XI	NEW YORK	NY	GOLDMAN SACHS		08/19/2011	3		93,508				
BBG000 FB 7	CITADEL WELLINGTON LLC	CHICAGO	IL	NORTHERN TRUST		02/28/2019	4		10,000,000				
BBG00M 92 6	TUDOR BVI GLOBAL	STAMFORD	CT	TUDOR INVESTMENT CORP		10/01/2018	4		15,000,000				
BBG00L LC 2	ARDIAN CO-INVESTMENT FUND V EUROPE	NEW YORK	NY	ARDIAN		02/21/2019	1		3,272,887				
AAS995 1Y 3	APOLLO HYBRID VALUE FUND	NEW YORK	NY	MORGAN STANLEY		09/14/2018	1		504,960				
BBG00L LP 3	ABRY ADVANCED SECURITIES FUND IV LP	CAYMAN ISLANDS	GB	ABRY ASF IV LP		12/06/2018	1		209,401				
BBG00N OS 6	FORTRESS CREDIT OPPORTUNITIES FUND V LP	NEW YORK	NY	FCO FUND V GP LLC		11/30/2018	1		1,740,470				
500990 05 6	MSPE-KOHLBERG INVESTORS VI, LP	NEW YORK	NY	MORGAN STANLEY		06/20/2007	3		5,852				
482997 82 2	MSPE-KPS SPECIAL SITUATIONS FUND III, LP	NEW YORK	NY	MORGAN STANLEY		11/13/2007	3		319				
2199999. Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated									0	38,660,649	0	0	XXX
4499999. Subtotal - Unaffiliated									0	38,660,649	0	0	XXX
4699999. Totals									0	38,660,649	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 CUSIP Identification	2 Name or Description	3 Location		5 Name of Purchaser or Nature of Disposal	6 Date Originally Acquired	7 Disposal Date	8 Book/Adjusted Carrying Value Less Encumbrances, Prior Year	9-14 Changes in Book/Adjusted Carrying Value						15 Book/Adjusted Carrying Value Less Encumbrances on Disposal	16 Consideration	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Investment Income
		City	State					9 Unrealized Valuation Increase (Decrease)	10 Current Year's (Depreciation) or (Amortization) / Accretion	11 Current Year's Other-Than-Temporary Impairment Recognized	12 Capitalized Deferred Interest and Other	13 Total Change in B./A.C.V. (9+10-11+12)	14 Total Foreign Exchange Change in B./A.C.V.						
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	03/31/2019	841,977							841,977	841,977		0		
1899999. Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Real Estate - Affiliated							841,977	0	0	0	0	0	0	841,977	841,977	0	0	0	
Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated																			
38095G 90 2	GOLDMAN SACH GLOBAL OPPORTUNITIES LLC	NEW YORK	NY	GOLDMAN SACHS	05/30/2013	02/08/2019	50,000,000							50,000,000	47,263,103		(2,736,897)	(2,736,897)	
617447 55 2	MORGAN STANLEY INST. FUND OF HEDGE FUNDS	W CONSHOCKEN	PA	MORGAN STANLEY	06/28/2004	01/31/2019	30,692,401	(3,474,122)				(3,474,122)		27,218,279	40,000,000		12,781,721	12,781,721	
617447 53 7	MORGAN STANLEY IFHF SPV LP	W CONSHOCKEN	PA	MORGAN STANLEY	09/01/2011	03/31/2019						0		119,057			119,057	119,057	
617449 G2 3	MORGAN STANLEY PRIVATE MARKETS FUND IV LP	W CONSHOCKEN	PA	MORGAN STANLEY	01/18/2008	03/31/2019						0		1,727,147			1,727,147	1,727,147	
630254 0L 5	MORGAN STANLEY PRIVATE MARKETS FUND V LP	W CONSHOCKEN	PA	MORGAN STANLEY	10/21/2010	03/04/2019	1,449,270	44,310				44,310		1,493,580	1,493,580			0	
654315 GE 4	RIVERVIEW STRATEGIC OPPORTUNITIES FUND I LP	W CONSHOCKEN	PA	MORGAN STANLEY	01/17/2014	02/26/2019	4,473,745	190,811				190,811		4,664,556	4,664,556			0	
G3927R 90 9	GCM GROSVENOR FM GLOBAL INVESTMENT FUND LP	NEW YORK	NY	GCM GROSVENOR	11/08/2005	03/04/2019	135,383	(7,644)				(7,644)		127,739	333,283		205,544	205,544	

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
380990 23 4	GSPE - GOLDMAN SACHS PRIVATE EQUITY PARTNERS XI	NEW YORK	NY..	GOLDMAN SACHS	08/19/2011	01/31/2019	1,522,244	(117,115)				(117,115)		1,405,129	6,955,388		5,550,259	5,550,259	
AAS995 1Y 3	APOLLO HYBRID VALUE FUND	NEW YORK	NY..	MORGAN STANLEY	09/14/2018	12/24/2018	73,683	6,278				6,278		79,961	79,961				
929999 01 0	MSPE-BRAZOS EQUITY FUND II L.P.	DALLAS	TX..	MORGAN STANLEY	12/06/2005	03/31/2019						0			1,932		1,932	1,932	
200995 21 5	MPSE-CHINA NETWORK SYSTEMS	NEW YORK	NY..	MORGAN STANLEY	12/27/2006	03/31/2019						0			1,269,022		1,269,022	1,269,022	
291998 54 0	MSPE-EMERGENCE CAPITAL PARTNERS II, LP	NEW YORK	NY..	MORGAN STANLEY	11/21/2007	03/31/2019						0			63,180		63,180	63,180	
349990 01 0	MSPE-FORTRESS INVESTMENT FUND IV (FUND D) L.P.	NEW YORK	NY..	MORGAN STANLEY	07/10/2006	12/21/2018	21,842	(954)				(954)		20,888	20,888				
999183 18 9	MSPE-H.I.G. EUROPE CAPITAL PARTNERS, L.P.	NEW YORK	NY..	MORGAN STANLEY	02/23/2007	03/31/2019						0			1,059,222		1,059,222	1,059,222	
441995 78 4	MSPE-HOUSTATONIC EQUITY INVESTORS IV, LLC	NEW YORK	NY..	MORGAN STANLEY	11/15/2007	03/31/2019						0			11,364		11,364	11,364	
500990 05 6	MSPE-KOHLBERG INVESTORS VI, LP	NEW YORK	NY..	MORGAN STANLEY	06/20/2007	03/31/2019						0			7,667		7,667	7,667	
482997 82 2	MSPE-KPS SPECIAL SITUATIONS FUND III, LP	NEW YORK	NY..	MORGAN STANLEY	11/13/2007	03/11/2019	578	(303)				(303)		275	173,348		173,073	173,073	
578997 89 2	MSPE-MBK PARTNERS, LP	NEW YORK	NY..	MORGAN STANLEY	09/19/2006	03/31/2019						0			458,240		458,240	458,240	
578990 01 2	MSPE-MBO CAPITAL 2	NEW YORK	NY..	MORGAN STANLEY	05/22/2006	03/31/2019						0			26,842		26,842	26,842	
65099N 90 6	MSPE-NEWBRIDGE ASIA IV, L.P.	NEW YORK	NY..	MORGAN STANLEY	12/13/2005	03/31/2019						0			5,445		5,445	5,445	
351990 00 7	MSPE-PAINE & PARTNERS CAPITAL FUND III, L.P.	NEW YORK	NY..	MORGAN STANLEY	06/01/2006	12/21/2018	203					0		203	203				
94999W 92 3	MSPE-WAYZATA OPPORTUNITIES	WAYZATA	MN..	MORGAN STANLEY	02/22/2006	03/31/2019						0			11,821		11,821	11,821	
2199999	Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated						88,369,349	(3,358,739)	0	0	0	(3,358,739)	0	85,010,610	105,745,249	0	20,734,639	20,734,639	0
4499999	Subtotal - Unaffiliated						88,369,349	(3,358,739)	0	0	0	(3,358,739)	0	85,010,610	105,745,249	0	20,734,639	20,734,639	0
4599999	Subtotal - Affiliated						841,977	0	0	0	0	0	0	841,977	841,977	0	0	0	0
4699999	Totals						89,211,326	(3,358,739)	0	0	0	(3,358,739)	0	85,852,587	106,587,226	0	20,734,639	20,734,639	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									
912828	5S 5 UNITED STATES TREAS.....		01/15/2019.....	BARCLAYS.....		6,995,898	7,000,000	7,735	1FE.....
912828	5T 3 UNITED STATES TREAS.....		01/23/2019.....	MORGAN STANLEY.....		9,985,938	10,000,000	17,403	1FE.....
912828	5X 4 UNITED STATES TREAS.....		02/08/2019.....	DEUTSCHE BANK.....		24,017,812	24,000,000	18,232	1FE.....
912828	5Z 9 UNITED STATES TREAS.....		02/08/2019.....	CS FIRST.....		3,008,320	3,000,000	2,279	1FE.....
912828	6B 1 UNITED STATES TREAS.....		02/08/2019.....	CS FIRST.....		499,727	500,000		1FE.....
912828	6C 9 UNITED STATES TREAS.....		03/01/2019.....	BNP PARIBAS.....		1,998,828	2,000,000	2,348	1FE.....
912828	6G 0 UNITED STATES TREAS.....		02/26/2019.....	BANK OF.....		1,495,020	1,500,000		1FE.....
912828	Q6 0 UNITED STATES TREAS.....		01/09/2019.....	JP MORGAN.....		5,206,132	5,000,000	1,592	1FE.....
912828	R7 7 UNITED STATES TREAS.....		02/06/2019.....	VARIOUS.....		30,282,690	31,100,000	54,996	1FE.....
0599999	Total - Bonds - U.S. Government.....					83,490,365	84,100,000	104,585	...XXX.....
Bonds - All Other Government									
135087	D5 0 CANADA GOVT.....		03/07/2019.....	VARIOUS.....		27,821,610	27,000,000	163,664	1FE.....
135087	J5 4 CANADA GOVT.....		03/04/2019.....	DESJARDIN.....		17,383,350	17,000,000	5,240	1FE.....
135087	J6 2 CANADA GOVT.....		03/04/2019.....	DESJARDIN.....		18,169,380	18,000,000	36,616	1FE.....
13509P	GU 1 CANADA HOUSING TRUST.....		02/12/2019.....	DESJARDIN.....		21,357,210	21,000,000	89,495	1FE.....
68323A	DM 3 ONTARIO PROV.....		02/05/2019.....	HSBC.....		12,377,375	12,500,000	55,068	1FE.....
68323A	EE 0 ONTARIO PROV.....		02/05/2019.....	DESJARDIN.....		12,478,375	12,500,000	59,658	1FE.....
68333Z	AB 3 ONTARIO PROV.....		02/12/2019.....	VARIOUS.....		19,735,415	19,500,000	215,871	1FE.....
74814Z	EX 7 QUEBEC PROV.....		02/05/2019.....	BMO CAPITAL.....		5,988,780	6,000,000	65,342	1FE.....
EJ2445	69 4 AUSTRALIAN GOVERNMENT.....	B	03/18/2019.....	MIZUHO.....		8,216,635	7,777,001	87,032	1FE.....
LW0207	67 7 AUSTRALIAN GOVERNMENT.....	B	03/18/2019.....	MIZUHO.....		8,703,991	8,484,001	61,739	1FE.....
1099999	Total - Bonds - All Other Government.....					152,232,121	149,761,002	839,725	...XXX.....
Bonds - U.S. States, Territories and Possessions									
13063D	BN 7 CALIFORNIA ST.....		01/08/2019.....	BANK AMERICA MERRILL.....		4,532,342	3,760,000	36,033	1FE.....
13063D	KB 3 CALIFORNIA ST.....		02/14/2019.....	BARCLAYS.....		4,205,862	3,395,000	51,397	1FE.....
13063D	LJ 5 CALIFORNIA ST.....		03/12/2019.....	BARCLAYS.....		2,757,535	2,195,000		1FE.....
246381	KS 5 DELEWARE ST.....		02/22/2019.....	JP MORGAN.....		2,970,918	2,430,000	18,225	1FE.....
246381	NE 3 DELEWARE ST.....		02/22/2019.....	BANK AMERICA MERRILL.....		4,118,457	3,365,000		1FE.....
419792	WY 8 HAWAII ST.....		02/20/2019.....	JANNEY MONTGOME.....		2,684,356	2,320,000	16,433	1FE.....
419792	XN 1 HAWAII ST.....		02/07/2019.....	BANK AMERICA MERRILL.....		2,382,081	1,950,000		1FE.....
60412A	GP 2 MINNESOTA ST.....		01/30/2019.....	PERSHING DLJ.....		3,072,815	2,585,000		1FE.....
677522	UU 6 OHIO ST.....		02/05/2019.....	MORGAN STANLEY.....		2,609,728	2,200,000	1,833	1FE.....
677522	UV 4 OHIO ST.....		03/04/2019.....	JP MORGAN.....		2,417,020	2,000,000	9,722	1FE.....
917542	VH 2 UTAH ST.....		01/24/2019.....	JEFFERIES & CO.....		3,051,311	2,525,000	8,417	1FE.....
93974D	Y5 1 WASHINGTON ST.....		02/06/2019.....	JP MORGAN.....		1,979,445	1,625,000	1,580	1FE.....
97705M	GQ 2 WISCONSIN STATE.....		03/05/2019.....	PERSHING DLJ.....		2,390,359	1,970,000	34,475	1FE.....
1799999	Total - Bonds - U.S. States, Territories & Possessions.....					39,172,229	32,320,000	178,115	...XXX.....
Bonds - U.S. Political Subdivisions of States									
25476F	TL 2 DISTRICT OF COLUMBIA.....		01/11/2019.....	VARIOUS.....		3,033,217	2,530,000	14,206	1FE.....
25476F	WD 6 DISTRICT OF COLUMBIA.....		02/07/2019.....	PERSHING DLJ.....		2,149,536	1,830,000	17,792	1FE.....
25476F	XR 4 DISTRICT OF COLUMBIA.....		02/14/2019.....	BANK AMERICA MERRILL.....		4,508,273	3,850,000		1FE.....
280276	HT 6 EDGERTON WI SCH DIST.....		02/06/2019.....	CITIGROUP.....		1,759,454	1,475,000		1FE.....
462326	KR 9 IOWA CITY IA CMNTY SCH DIST.....		01/15/2019.....	BARCLAYS.....		2,210,750	1,825,000	2,028	1FE.....
49474F	SB 7 KING COUNTY WAS.....		01/15/2019.....	WELLS FARGO.....		2,726,746	2,305,000	4,482	1FE.....
653544	CX 2 NIAGARA NY FRONTIER TRANSPRTN AUTH.....		01/09/2019.....	BANK AMERICA MERRILL.....		1,335,144	1,265,000	17,569	2FE.....
2499999	Total - Bonds - U.S. Political Subdivisions of States.....					17,723,120	15,080,000	56,077	...XXX.....

QE04

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. Special Revenue and Special Assessment									
02765U	JQ 8 AMERICAN MUN PWR OHI.....		03/19/2019.....	JP MORGAN.....		1,919,032	1,765,000	9,266	1FE.....
047870	QT 0 ATLANTA GA WTR & WSTWTR REVENUE.....		03/07/2019.....	BARCLAYS.....		696,730	610,000	11,014	1FE.....
101547	WR 4 BOULDER VLY CO CH DIST #RE-2 BOULDER.....		02/14/2019.....	JP MORGAN.....		2,089,664	1,600,000		1FE.....
13062P	HK 1 CALIFORNIA ST.....		01/03/2019.....	WELLS FARGO.....		359,232	300,000	6,967	1FE.....
13063B	FS 6 CALIFORNIA ST.....		01/07/2019.....	BANK OF AMER.....		218,231	200,000	4,729	1FE.....
139078	CZ 0 CANYONS UT SCH DIST.....		02/05/2019.....	NATL FINANCIAL SERV.....		1,850,499	1,575,000	11,375	1FE.....
155048	CN 9 CENTRAL PUGET SOUND.....		01/31/2019.....	BARCLAYS.....		3,475,472	3,185,000	79,625	1FE.....
179093	KJ 7 CLACKAMAS CNTY OR SCH DIST.....		03/12/2019.....	HILLTOP SECURITIES.....		2,492,698	2,135,000	25,501	1FE.....
20774Y	3C 9 CONNECTICUT ST HEALT.....		03/20/2019.....	GOLDMAN SACHS.....		4,084,306	3,285,000	36,956	1FE.....
20774Y	7H 4 CONNECTICUT ST HEALT.....		02/11/2019.....	BARCLAYS.....		2,778,323	2,250,000	3,750	1FE.....
235241	TC 0 DALLASTX AREA RAPID TRNSIT SALES TAX REV.....		03/15/2019.....	BANK AMERICA MERRILL.....		2,710,109	2,160,000		1FE.....
25476F	XH 6 DISTRICT COLUMBIA.....		03/04/2019.....	BANK AMERICA MERRILL.....		1,383,851	1,125,000	2,344	1FE.....
3128MJ	4A 5 FGLMC.....		03/05/2019.....	CITIGROUP.....		2,016,321	2,016,710	784	1.....
31307W	3E 2 FHLMC.....		01/04/2019.....	BANK OF NEW YORK.....		5,045,459	4,970,131	3,403	1.....
3135G0	U9 2 FEDERAL NATL MTG.....		01/14/2019.....	BANK AMERICA MERRILL.....		5,005,300	5,000,000	1,458	1.....
3136B3	UT 5 FEDERAL NATL MTG.....		01/14/2019.....	BANK AMERICA MERRILL.....		4,981,250	5,000,000	7,524	1.....
3137BR	N7 6 FHLMC.....		01/15/2019.....	BANK OF.....		540,102	542,135		1.....
31396W	3U 8 FEDERAL NATL MTG.....		01/16/2019.....	WELLS FARGO.....		6,403,441	6,440,676	10,431	1.....
3140HD	J7 0 FEDERAL NATL MTG.....		02/27/2019.....	FNMA.....		13,922,428	13,634,819	18,180	1.....
3140HL	3C 8 FEDERAL NATL MTG.....		03/01/2019.....	CIT GROUP.....		330,635	315,125	175	1.....
3140HP	4H 7 FEDERAL NATL MTG.....		03/01/2019.....	CIT GROUP.....		524,610	500,000	278	1.....
3140JJ	NW 5 FEDERAL NATL MTG.....		12/17/2018.....	PNC CAPITAL.....		10,039,412	9,730,765	15,812	1.....
3140JJ	P8 6 FEDERAL NATL MTG.....		01/30/2019.....	FNMA.....		11,429,223	11,211,131	14,948	1.....
3140JL	4M 3 FEDERAL NATL MTG.....		02/08/2019.....	MORGAN STANLEY.....		18,697,346	17,999,852	27,000	1.....
3140Q9	5P 4 FEDERAL NATL MTG.....		03/01/2019.....	CIT GROUP.....		524,557	499,950	278	1.....
31418C	4M 3 FNMA PASSTHRU MA3527.....		03/01/2019.....	CIT GROUP.....		193,871	184,776	103	1.....
353204	AW 0 FRANKLIN CTY OH.....		03/19/2019.....	BARCLAYS.....		1,164,860	1,000,000	15,278	1FE.....
366155	M7 1 GARLAND TEX INDPT SC.....		02/14/2019.....	RBC CAP.....		2,289,437	1,950,000	1,083	1FE.....
425538	CW 3 HENNEPIN CNTY MN.....		01/28/2019.....	RBC CAP.....		2,632,550	2,205,000	13,781	1FE.....
438687	FS 9 HONOLULU HAWAII CITY.....		01/29/2019.....	MORGAN STANLEY.....		1,632,737	1,425,000	28,698	1FE.....
442348	6T 0 HOUSTON TEX ARPT SYS.....		02/04/2019.....	CITIGROUP.....		2,731,675	2,500,000	12,153	1FE.....
442403	LX 7 HOUSTON TEX INDPT SC.....		01/30/2019.....	CIT GROUP.....		1,643,528	1,430,000	32,969	1FE.....
45200F	FS 3 ILLINOIS ST FIN AUTH REVENUE.....		02/28/2019.....	JP MORGAN.....		500,000	500,000	518	1FE.....
45200F	VH 9 ILLINOIS ST FIN AUTH REVENUE.....		02/28/2019.....	BARCLAYS.....		4,500,000	4,500,000	5,380	1FE.....
45203H	Z6 2 ILLINOIS ST FIN AUTH REVENUE.....		01/28/2019.....	BARCLAYS.....		2,957,625	2,500,000	20,486	1FE.....
45506D	V7 7 INDIANA ST FIN AUTH REVENUE.....		01/23/2019.....	WELLS FARGO.....		4,194,640	3,470,000	482	1FE.....
46246K	4N 9 IOWA FIN AUTH REV.....		01/24/2019.....	WELLS FARGO.....		1,888,964	1,660,000	40,808	1FE.....
495098	YU 3 KING CNTY WASH SCH D.....		01/22/2019.....	JEFFERIES & CO.....		5,002,358	4,160,000	30,622	1FE.....
544495	5V 2 CALIFORNIA ST DEPT WTR RES PW.....		02/19/2019.....	GOLDMAN SACHS.....		3,360,224	2,800,000	23,722	1FE.....
544495	6U 3 LOS ANGELES CA DEPT WTR & PWR.....		02/25/2019.....	BARCLAYS.....		2,783,915	2,415,000	6,708	1FE.....
544646	6J 6 LOS ANGELES CA UNIF SCH DIST.....		01/25/2019.....	BARCLAYS.....		1,839,080	1,505,000	5,644	1FE.....
54811B	SQ 5 LOWER COLORADO.....		03/15/2019.....	CIT GROUP.....		1,390,960	1,150,000		1FE.....
575898	CR 0 MASSACHUSETTS ST POR.....		01/18/2019.....	USBCORP.....		261,993	250,000	744	1FE.....
581664	GY 9 MCKINNEY TX INDEP SCH DIST.....		01/17/2019.....	BANK AMERICA MERRILL.....		468,200	400,000	8,722	1FE.....
59259Y	AE 9 METROPOLITAN TRANSN.....		02/20/2019.....	MORGAN STANLEY.....		5,000,000	5,000,000	4,241	1FE.....

QE04.1

SCHEDULE D - PART 3

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

QE04.2

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)
59261E AH 2	METROPOLITAN TRANSN.....			01/07/2019.....	BANK OF.....		296,691	300,000	182	1FE.....
59447P 7P 0	MICHIGAN FIN AUTH RE.....			01/14/2019.....	FTN FINANCIAL.....		4,619,843	3,925,000	26,984	1FE.....
59447T TV 5	MICHIGAN ST FIN AUTH REVENUE.....			01/10/2019.....	GOLDMAN SACHS.....		592,705	500,000		1FE.....
60374V EJ 8	MINNEAPOLIS MINN HEA.....			01/30/2019.....	WELLS FARGO.....		2,000,000	2,000,000	1,674	1FE.....
60528A BY 9	MISSISSIPPI BUSINESS.....			03/01/2019.....	MORGAN STANLEY.....		5,000,000	5,000,000		1FE.....
646066 N8 9	NEW JERSEY ST EDL FA.....			01/17/2019.....	NATL FINANCIAL SERV.....		602,610	500,000	1,458	1FE.....
646136 4A 6	NEW JERSEY ST TRANSN.....			01/11/2019.....	WELLS FARGO.....		2,257,364	2,015,000	24,628	2FE.....
646139 ZY 4	NEW JERSEY ST TPK AU.....			02/07/2019.....	MORGAN STANLEY.....		1,270,004	1,070,000	6,242	1FE.....
64966F A8 7	NEW YORK N Y.....			02/26/2019.....	T D SECURITIES.....		2,500,000	2,500,000	2,738	1FE.....
64966M SW 0	NEW YORK N Y.....			03/07/2019.....	HILLTOP SECURITIES.....		2,903,060	2,370,000	13,167	1FE.....
64966Q BB 5	NEW YORK NY.....			03/19/2019.....	WELLS FARGO.....		2,661,011	2,280,000	29,450	1FE.....
65829Q CF 9	NORTH CAROLINA ST LTD OBLIG.....			02/28/2019.....	BARCLAYS.....		4,690,396	4,060,000	65,975	1FE.....
677660 UZ 3	OHIO ST WTR DEV AUTH WTR POLL CONTROL RE.....			02/27/2019.....	BANK AMERICA MERRILL.....		3,259,883	2,620,000		1FE.....
67766W XK 3	OHIO ST WTR DEV AUTH.....			03/08/2019.....	MORGAN STANLEY.....		5,000,000	5,000,000	1,699	1FE.....
67766W XQ 0	OHIO ST WTR DEV AUTH WTR POLL CONTROL RE.....			02/22/2019.....	VARIOUS.....		8,509,977	6,965,000	64,214	1FE.....
708796 G6 8	PENNSYLVANIA HSG FIN.....			02/01/2019.....	FIRST.....		2,020,000	2,000,000	23,078	1FE.....
70914P E3 2	PENNSYLVANIA ST.....			01/09/2019.....	JP MORGAN.....		3,387,542	2,890,000	46,160	1FE.....
70914P YQ 9	PENNSYLVANIA ST GO.....			02/19/2019.....	JP MORGAN.....		2,216,536	1,915,000	1,064	1FE.....
70914P ZT 2	PENNSYLVANIA ST.....			03/04/2019.....	JP MORGAN.....		1,828,202	1,570,000	7,632	1FE.....
70914P ZU 9	PENNSYLVANIA ST.....			02/22/2019.....	MORGAN STANLEY.....		3,319,959	2,870,000	9,965	1FE.....
709224 XC 8	PENNSYLVANIA ST TPK.....			01/28/2019.....	STIEFL.....		1,849,792	1,600,000	12,889	1FE.....
717817 QP 8	PHILADELPHIA PA ARPT.....			01/28/2019.....	BARCLAYS.....		1,775,299	1,675,000	10,469	1FE.....
76541V TA 5	RICHMOND VA.....			02/05/2019.....	GOLDMAN SACHS.....		3,393,521	2,795,000	60,558	1FE.....
768738 YH 3	RIVERHEAD N Y.....			01/02/2019.....	JANNEY MONTGOME.....		1,150,336	1,045,000	2,438	1FE.....
796269 WM 6	SAN ANTONIO TEX INDP.....			02/25/2019.....	MORGAN STANLEY.....		2,989,987	2,480,000	3,789	1FE.....
821686 X2 3	SHELBY CNTY TN.....			02/28/2019.....	CIT GROUP.....		1,954,912	1,600,000	4,444	1FE.....
821686 X5 6	SHELBY CNTY TN.....			02/06/2019.....	BANK AMERICA MERRILL.....		1,226,500	1,000,000		1FE.....
837123 GT 9	SOUTH CAROLINA ST PORTS AUTH PORTS REVEN.....			02/07/2019.....	MORGAN STANLEY.....		1,584,168	1,445,000	7,426	1FE.....
882854 ZV 7	TEXAS WATER DEV BRD.....			02/14/2019.....	VARIOUS.....		5,013,621	4,125,000	64,927	1FE.....
91412H EM 1	UNIV OF CALIFORNIA CA REVENUES.....			03/20/2019.....	USB SECURITIES.....		1,498,583	1,255,000	523	1FE.....
91417K MK 4	UNIVERSITY COLO ENTE.....			01/24/2019.....	GOLDMAN SACHS.....		1,265,913	1,250,000	10,078	1FE.....
91417K X3 0	UNIV OF COLORADO O ENTERPRISE REV.....			01/25/2019.....	BARCLAYS.....		2,030,210	1,650,000	13,292	1FE.....
915138 NZ 0	UNIVERSITY OF TOLDEO.....			03/14/2019.....	PERSHING DLJ.....		2,463,820	2,000,000	29,722	1FE.....
917661 S9 2	UTICA MI CMNTY SCHS.....			02/20/2019.....	STIEFL.....		2,667,700	2,500,000		1FE.....
928172 L8 6	VIRGINIA ST PUBLIC BLDG AUTH PUBLIC FAC.....			03/20/2019.....	WELLS FARGO.....		3,095,814	2,660,000	18,842	1FE.....
938782 FP 9	WASHINGTON DC MET AREA TRANSIT AUTH GROS.....			03/05/2019.....	BARCLAYS.....		1,815,976	1,555,000	14,254	1FE.....
940157 W6 3	WASHINGTON MD SUBURBAN SAN DIST.....			01/16/2019.....	BARCLAYS.....		3,681,334	3,025,000	11,764	1FE.....
3199999	Total - Bonds - U.S. Special Revenue and Special Assessments.....						248,348,117	225,066,070	1,135,665	XXX.....

Bonds - Industrial and Miscellaneous

00101J AH 9	THE ADT CORPORATION.....			03/13/2019.....	VARIOUS.....		700,656	725,000	5,563	3FE.....
001546 AT 7	AK STEEL CORP.....			01/15/2019.....	BANK AMERICA MERRILL.....		12,240	12,000	5	4FE.....
00164V AD 5	AMC NETWORKS INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		15,787	16,000	236	3FE.....
00164V AE 3	AMC NETWORKS INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		1,918	2,000	44	3FE.....
00165A AH 1	AMC ENTERTAINMENT INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		14,800	16,000	82	5FE.....
00165C AB 0	AMC ENTERTAINMENT INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		13,500	15,000	152	5FE.....
00191A AC 0	ARD FIN S A.....			03/14/2019.....	JP MORGAN.....		738,375	750,000	10,559	5FE.....
00404A AJ 8	ACADIA HEALTH CO INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		18,620	19,000	451	4FE.....

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)
00404A AM 1	ACADIA HEALTHCARE CO INC		01/15/2019	VARIOUS		148,156	151,000	3,551	4FE
00489L AC 7	ACRISURE LLC / ACRIS		01/18/2019	JP MORGAN		310,000	310,000		4FE
00774C AB 3	AECOM		01/15/2019	BANK AMERICA MERRILL		18,500	20,000	347	3FE
007903 AX 5	ADVANCED MICRO DEVIC		01/15/2019	BANK AMERICA MERRILL		14,040	13,000	412	4FE
00790X AA 9	ADVANCED DISP SVCS I		02/14/2019	WELLS FARGO		251,875	250,000	3,306	4FE
013092 AA 9	ALBERTSONS COS INC /		01/22/2019	BANK AMERICA MERRILL		530,000	530,000		4FE
013093 AD 1	ALBERTSONS COS LLC/S		01/15/2019	VARIOUS		693,842	764,000	13,873	4FE
013817 AU 5	ALCOA INC		01/15/2019	BANK AMERICA MERRILL		6,180	6,000	156	3FE
013817 AV 3	ALCOA INC		01/15/2019	BANK AMERICA MERRILL		8,180	8,000	110	3FE
02005N AY 6	ALLY FINL INC		01/15/2019	VARIOUS		546,051	546,000	9,270	3FE
021332 AF 8	ALTA MESA HOLDINGS L		02/22/2019	BARCLAYS		168,750	300,000	4,659	5FE
02154C AD 5	ALTICE FINANCING SA		03/21/2019	BANK AMERICA MERRILL		510,938	500,000	15,872	4FE
02154C AE 3	ALTICE FINANCING SA		01/09/2019	RBC CAP		918,881	970,000	35,567	4FE
023135 BC 9	AMAZON COM INC		02/11/2019	USBCORP		496,040	500,000	7,481	1FE
02406P AR 1	AMERICAN AXLE & MFG INC		01/15/2019	BANK AMERICA MERRILL		18,193	19,000	350	4FE
030506 AA 7	AMERICAN WOODMARK CORP		01/15/2019	BANK AMERICA MERRILL		12,123	13,000	215	3FE
030981 AL 8	AMERIGAS PARTNERS LP		01/15/2019	BANK AMERICA MERRILL		21,505	23,000	209	3FE
031162 BD 1	AMGEN INC		01/07/2019	PERSHING DLJ		1,005,710	1,000,000	9,392	2FE
031652 BK 5	AMKOR TECHNOLOGY INC		03/13/2019	MORGAN STANLEY		497,500	500,000		4FE
035240 AQ 3	ANHEUSER-BUSCH INBEV		02/11/2019	VARIOUS		2,575,520	2,500,000	3,167	2FE
03674P AL 7	ANTERO RES FIN CORP		01/15/2019	BANK AMERICA MERRILL		10,000	10,000	113	3FE
03674X AC 0	ANTERO RESOURCES FINANCE		12/24/2018	NOMURA		46,938	50,000	185	3FE
03674X AF 3	ANTERO RESOURCES FINANCE		01/24/2019	BANK AMERICA MERRILL		367,693	367,000	3,239	3FE
03674X AJ 5	ANTERO RESOURCES CORP		01/15/2019	BANK AMERICA MERRILL		7,562	8,000	151	3FE
037833 BG 4	APPLE INC		01/29/2019	CITIGROUP		1,000,080	1,000,000	6,933	1FE
038522 AQ 1	ARAMARK SVCS INC		01/15/2019	BANK AMERICA MERRILL		17,594	18,000	415	3FE
04021L AA 8	ARGOS MERGER SUB INC		03/15/2019	VARIOUS		315,320	459,000	7,799	6FE
053773 AV 9	AVIS BUDGET CAR RENT		01/15/2019	BANK AMERICA MERRILL		8,965	9,000	146	3FE
053773 BB 2	AVIS BUDGET CAR RENT		01/15/2019	BANK AMERICA MERRILL		20,894	21,000	394	4FE
05401A AB 7	AVOLON HLDGS FDG LTD		01/15/2019	BANK AMERICA MERRILL		8,050	8,000	137	3FE
05401A AD 3	AVOLON HLDGS FDG LTD		02/14/2019	BARCLAYS		355,000	355,000		3FE
05508R AE 6	B&G FOODS INC		01/15/2019	BANK AMERICA MERRILL		23,210	24,000	371	4FE
05565E BC 8	BMW US CAP LLC		02/12/2019	VARIOUS		1,403,844	1,400,000	13,732	1FE
05972M AA 2	BANCORP COMMERCIAL MORTGAGE TRUST		03/08/2019	WELLS FARGO		500,000	500,000		1FE
05988L AA 6	BANFF MERGER SUB INC		02/12/2019	VARIOUS		102,075	108,000	4,943	5FE
06051G HE 2	BANK AMER CORP		02/12/2019	VARIOUS		1,471,740	1,500,000	6,837	1FE
06051G HQ 5	BANK AMER CORP		02/11/2019	BARCLAYS		1,005,080	1,000,000	662	1FE
07556Q BP 9	BEAZER HOMES USA INC		01/15/2019	BANK AMERICA MERRILL		22,482	22,000	652	4FE
085790 AY 9	BERRY PLASTICS CORP		03/06/2019	VARIOUS		553,956	555,000	2,991	4FE
097751 BF 7	BOMBARDIER INC		03/06/2019	VARIOUS		456,269	453,000	4,059	4FE
097751 BM 2	BOMBARDIER INC		01/15/2019	BANK AMERICA MERRILL		188,177	193,000	4,724	4FE
097751 BP 5	BOMBARDIER INC		01/15/2019	BANK AMERICA MERRILL		41,149	39,000	436	4FE
103304 BQ 3	BOYD GAMING CORP		01/15/2019	VARIOUS		198,765	204,000	4,951	4FE
10373Q AF 7	BP CAP MKTS AMER INC		02/08/2019	VARIOUS		1,432,380	1,400,000	18,800	1FE
120111 BM 0	BUILDING MATLS CORP		01/15/2019	BANK AMERICA MERRILL		12,805	13,000	120	3FE
12429T AE 4	BWAY HOLDING CO		01/15/2019	BANK AMERICA MERRILL		16,743	18,000	334	5FE

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)
124847 AC 8	CBS RADIO INC.....		03/14/2019.....	JEFFERIES & CO.....		349,563	350,000	9,657	4FE.....
1248EP BK 8	CCO HLDGS LLC / CCO.....		01/15/2019.....	BANK AMERICA MERRILL.....		29,775	30,000	372	3FE.....
1248EP BM 4	CCO HLDGS LLC / CCO.....		01/15/2019.....	BANK AMERICA MERRILL.....		45,056	45,000	1,093	3FE.....
1248EP BR 3	CCO HLDGS LLC / CCO.....		01/15/2019.....	BANK AMERICA MERRILL.....		50,108	51,000	592	3FE.....
1248EP BX 0	CCO HLDGS LLC / CCO.....		01/15/2019.....	BANK AMERICA MERRILL.....		15,000	16,000	369	3FE.....
12527G AE 3	CF INDS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		11,075	13,000	237	3FE.....
12543D AU 4	CHS/COMMUNITY HEALTH SYS.....		02/04/2019.....	VARIOUS.....		234,425	242,000	1,135	4FE.....
12543D BA 7	CHS/COMMUNITY HEALTH SYS.....		02/11/2019.....	JEFFERIES & CO.....		357,750	450,000	4,367	5FE.....
12543D BC 3	CHS / CMNTY HEALTH S.....		03/06/2019.....	CREDIT SUISSE SECURITIES.....		513,152	520,000		4FE.....
125581 GX 0	CIT GROUP INC.....		01/31/2019.....	BANK AMERICA MERRILL.....		203,273	191,000	4,695	3FE.....
12596J AB 9	CNH EQUIPMENT TR.....		01/30/2019.....	BANK AMERICA MERRILL.....		999,918	1,000,000		1FE.....
126307 AH 0	CSC HLDGS INC.....		02/04/2019.....	VARIOUS.....		496,095	509,000	4,800	4FE.....
12652A AA 1	CRC ESCROW ISSUER LL.....		02/22/2019.....	VARIOUS.....		857,500	900,000	15,867	4FE.....
12654T AA 8	CNX MIDSTREAM PTR/CNX.....		01/15/2019.....	BANK AMERICA MERRILL.....		23,640	24,000	529	4FE.....
126634 AC 8	CVR FEF LLC/COFF FIN INC.....		01/28/2019.....	BANK AMERICA MERRILL.....		100,000	100,000	1,607	4FE.....
126650 DA 5	CVS HEALTH CORP.....		01/11/2019.....	RBC CAP.....		998,180	1,000,000	10,938	2FE.....
13057Q AG 2	CALIFORNIA RESOURCES CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		9,630	12,000	85	5FE.....
131347 CE 4	CALLPINE CORP.....		03/13/2019.....	VARIOUS.....		698,625	700,000	15,647	4FE.....
131347 CJ 3	CALPINE CORP.....		03/20/2019.....	CIT GROUP.....		296,250	300,000	2,338	4FE.....
14315N AH 3	CARMAX AUTO OWNER TR.....		01/16/2019.....	CS FIRST.....		1,999,868	2,000,000		1FE.....
143436 AL 7	CARMIKE CINEMAS.....		01/30/2019.....	CS FIRST.....		508,750	500,000	3,833	3FE.....
149123 BV 2	CATERPILLAR INC.....		01/11/2019.....	MORGAN STANLEY.....		1,020,980	1,000,000	5,200	1FE.....
14913Q 2T 5	CATERPILLAR FINL SVC.....		02/19/2019.....	JP MORGAN.....		499,760	500,000		1FE.....
15137T AA 8	CENTENE ESCROW I CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		3,030	3,000	21	3FE.....
156700 AR 7	CENTURYLINK INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		23,546	23,000	132	4FE.....
156700 AX 4	CENTURYLINK INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		15,188	15,000	129	4FE.....
15723R AA 2	CFX ESCROW CORP.....		02/05/2019.....	JP MORGAN.....		205,000	205,000		3FE.....
15911N AA 3	CHANGE HEALTHCARE HL.....		03/20/2019.....	VARIOUS.....		579,425	583,000	2,562	5FE.....
15942R AF 6	CHAPARRAL ENERGY INC.....		02/22/2019.....	JEFFERIES & CO.....		253,500	325,000	3,239	5FE.....
16411Q AB 7	CHENIERE ENERGY PARTNERS.....		01/15/2019.....	BANK AMERICA MERRILL.....		20,843	21,000	325	3FE.....
16412X AG 0	CHENIERE CORPUS CHRI.....		01/15/2019.....	BANK AMERICA MERRILL.....		22,055	22,000	53	3FE.....
165167 CK 1	CHESAPEAKE ENERGY CO.....		01/15/2019.....	BANK AMERICA MERRILL.....		9,800	10,000	48	4FE.....
165167 CL 9	CHESAPEAKE ENERGY CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		26,600	28,000	546	4FE.....
165167 CU 9	CHESAPEAKE ENERGY CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		5,910	6,000	3	4FE.....
165167 CZ 8	CHESAPEAKE ENERGY CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		6,755	7,000	50	4FE.....
165183 BY 9	CHESAPEAKE FUNDING III LLC.....		03/20/2019.....	BANK AMERICA MERRILL.....		999,852	1,000,000		1FE.....
172441 AZ 0	CINEMARK USA INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		26,730	27,000	168	4FE.....
172967 HQ 7	CITIGROUP INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		354,402	367,000	3,614	3FE.....
172967 LN 9	CITIGROUP INC.....		02/08/2019.....	VARIOUS.....		2,456,491	2,500,000	15,497	1FE.....
18451Q AN 8	CLEAR CHANNEL WW HLD.....		02/07/2019.....	DEUTSCHE BANK.....		450,000	450,000		5FE.....
18683K AM 3	CLEVELAND-CLIFFS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		32,215	34,000	739	4FE.....
203372 AM 9	COMMSCOPE INC.....		02/13/2019.....	BANK AMERICA MERRILL.....		334,500	350,000	3,109	4FE.....
20338Q AA 1	COMMSCOPE FIN LLC.....		02/07/2019.....	BANK AMERICA MERRILL.....		750,000	750,000		4FE.....
210383 AA 3	CONSTELLIUM NV.....		01/09/2019.....	DEUTSCHE BANK.....		249,470	260,000	2,326	4FE.....
216762 AF 1	COOPER-STANDARD AUTO.....		01/15/2019.....	BANK AMERICA MERRILL.....		9,873	11,000	107	4FE.....
22303Q AN 0	COVIDIEN INTL FIN S.....		02/08/2019.....	MORGAN STANLEY.....		1,512,825	1,500,000	7,600	1FE.....

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)
228701	AF	5		01/15/2019	BANK AMERICA MERRILL		23,160	24,000	345	4FE
23131L	AA	5		01/16/2019	BANK AMERICA MERRILL		12,133	14,000	452	4FE
23291A	AA	5		01/31/2019	BAIRD, ROBERT W		363,895	350,000	3,634	5FE
23311V	AG	2		01/16/2019	BANK OF		856,375	850,000	381	3FE
235822	AB	9		01/15/2019	VARIOUS		341,390	357,000	5,134	3FE
23918K	AQ	1		03/21/2019	VARIOUS		455,195	467,000	7,422	3FE
247916	AF	6		01/15/2019	BANK AMERICA MERRILL		12,935	13,000	202	4FE
25272K	AU	7		01/15/2019	BANK AMERICA MERRILL		17,227	17,000	89	3FE
25272K	AW	3		01/28/2019	VARIOUS		676,494	650,000	4,978	3FE
25382F	AB	7		01/14/2019	GOLDMAN		1,207,127	1,287,000		6FE
25466A	AF	8		01/18/2019	USBCORP		247,021	250,000	3,644	2FE
254683	CK	9		01/28/2019	CITIGROUP		999,979	1,000,000		1FE
254687	CJ	3		03/20/2019	EXCHANGE		257,136	250,000		1FE
254687	CL	8		03/20/2019	EXCHANGE		568,604	575,000		1FE
254687	CQ	7		03/20/2019	EXCHANGE		996,934	1,000,000		1FE
254687	CY	0		03/20/2019	EXCHANGE		246,734	250,000		1FE
25470X	AE	5		01/15/2019	BANK AMERICA MERRILL		13,098	13,000	112	4FE
25470X	AJ	4		01/15/2019	BANK AMERICA MERRILL		32,130	34,000	11	4FE
25470X	AY	1		01/15/2019	BANK AMERICA MERRILL		310,916	360,000	820	4FE
26441C	BD	6		03/06/2019	JP MORGAN		1,000,000	1,000,000		2FE
26483E	AJ	9		02/01/2019	BANK AMERICA MERRILL		500,000	500,000		4FE
26483E	AK	6		02/01/2019	CITIGROUP		150,000	150,000		5FE
26817R	AN	8		01/15/2019	BANK AMERICA MERRILL		12,511	12,000	187	3FE
268787	AH	1		01/16/2019	CITIGROUP		2,058	4,000	80	5FE
29250R	AS	5		01/18/2019	USBCORP		407,565	400,000	7,396	2FE
29272W	AB	5		01/17/2019	CIT GROUP		500,000	500,000		4FE
29273A	AA	4		02/06/2019	VARIOUS		665,875	700,000	4,866	4FE
29273V	AC	4		01/15/2019	BANK AMERICA MERRILL		15,900	15,000	288	3FE
29273V	AG	5		01/15/2019	BANK AMERICA MERRILL		12,870	13,000	187	3FE
29355X	AF	4		01/15/2019	BANK AMERICA MERRILL		13,930	14,000	201	4FE
29358Q	AH	2		01/15/2019	BANK AMERICA MERRILL		8,800	11,000	393	4FE
29373T	AA	2		01/15/2019	VARIOUS		123,929	132,000	2,912	5FE
29374A	AB	0		03/12/2019	WELLS FARGO		1,499,988	1,500,000		1FE
29444U	AP	1		01/15/2019	BANK AMERICA MERRILL		11,330	11,000	28	3FE
29444U	AQ	9		01/15/2019	BANK AMERICA MERRILL		9,253	9,000	3	3FE
29977H	AB	6		01/16/2019	BANK AMERICA MERRILL		7,175	9,000	180	5FE
30227K	AE	9		01/15/2019	BANK AMERICA MERRILL		14,513	15,000	257	4FE
30251G	AY	3		01/15/2019	BANK AMERICA MERRILL		24,375	25,000	434	3FE
303250	AE	4		01/16/2019	PERSHING DLJ		4,973	5,000	46	3FE
315786	AC	7		01/15/2019	BANK AMERICA MERRILL		15,536	16,000	186	3FE
31740L	AC	7		01/24/2019	VARIOUS		1,235,528	1,304,000	34,195	4FE
32008D	AB	2		01/15/2019	VARIOUS		154,350	153,000	4,250	4FE
345397	VU	4		02/08/2019	VARIOUS		1,179,904	1,150,000	20,603	2FE
35137L	AC	9		01/15/2019	GOLDMAN SACHS		500,000	500,000		2FE
35671D	AU	9		01/15/2019	BANK AMERICA MERRILL		50,440	52,000	697	3FE
35671D	AZ	8		02/26/2019	VARIOUS		870,188	900,000	14,483	3FE
36164Q	MS	4		02/08/2019	VARIOUS		972,150	1,000,000	4,554	2FE

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)
36186C BY 8	GMAC		01/15/2019	BANK AMERICA MERRILL		41,445	35,000	591	3FE
36256D AA 4	GLS AUTO RECEIVABLES TRUST		02/05/2019	DEUTSCHE BANK		999,980	1,000,000		1FE
36256U AB 4	FM FINANCIAL AUTOMOBILE LEASING		02/13/2019	WELLS FARGO		1,499,922	1,500,000		1FE
36256X AB 8	GM FINL CON AUTO REC		01/08/2019	RBC CAP		1,499,868	1,500,000		1FE
37185L AG 7	GENESIS ENERGY LP/ G		01/30/2019	VARIOUS		552,574	581,000	6,716	4FE
37185L AJ 1	GENESIS ENERGY LP/ G		01/15/2019	BANK AMERICA MERRILL		6,475	7,000	134	4FE
374276 AJ 2	GETTY IMAGES INC		02/13/2019	JP MORGAN		150,000	150,000		5FE
38141G WD 2	GOLDMAN SACHS GROUP		02/08/2019	VARIOUS		1,389,069	1,400,000	8,083	1FE
383909 AE 8	GRACE W R & CO CONN		01/15/2019	BANK AMERICA MERRILL		9,234	9,000	136	3FE
383909 AF 5	GRACE W R & CO CONN		01/15/2019	BANK AMERICA MERRILL		25,491	25,000	414	3FE
384637 AA 2	GRAHAM HOLDINGS CO		01/16/2019	WELLS FARGO		10,416	10,000	75	3FE
389284 AA 8	GRAY ESCROW INC		01/15/2019	BANK AMERICA MERRILL		12,213	12,000	142	4FE
389375 AJ 5	GRAY TELEVISION INC		01/15/2019	BANK AMERICA MERRILL		2,915	3,000	1	4FE
389375 AK 2	GRAY TELEVISION INC		01/15/2019	BANK AMERICA MERRILL		4,820	5,000	65	4FE
402635 AE 6	GULFPORT ENERGY CORP		01/15/2019	BANK AMERICA MERRILL		13,720	14,000	196	4FE
402635 AH 9	GULFPORT ENERGY CORP		01/15/2019	BANK AMERICA MERRILL		5,520	6,000	92	4FE
402635 AL 0	GULFPORT ENERGY CORP		01/15/2019	BANK AMERICA MERRILL		20,460	22,000	242	4FE
402635 AP 1	GULFPORT ENERGY CORP		01/15/2019	BANK AMERICA MERRILL		9,200	10,000	4	4FE
40390D AA 3	HLF FING SARL LLC /		01/16/2019	NOMURA		15,140	15,000	459	4FE
404030 AH 1	H&E EQUIPMENT SERVICES INC		01/15/2019	BANK AMERICA MERRILL		23,167	24,000	510	4FE
404119 BQ 1	HCA INC CALLABLE NOTES		01/15/2019	BANK AMERICA MERRILL		35,020	34,000	456	2FE
404119 BR 9	HCA INC		01/15/2019	BANK AMERICA MERRILL		21,315	21,000	520	3FE
404121 AC 9	HCA INC		01/15/2019	BANK AMERICA MERRILL		63,860	62,000	1,702	2FE
404121 AD 7	HCA INC		01/15/2019	BANK AMERICA MERRILL		35,558	33,000	1,045	3FE
40537Q AP 5	HALCON RESOURCES CORP		01/15/2019	BANK AMERICA MERRILL		18,260	22,000	627	5FE
40573L AL 0	HALFMOON PARENT INC		02/11/2019	CITIGROUP		1,013,360	1,000,000	2,917	2FE
428040 CG 2	HERTZ CORP		01/15/2019	BANK AMERICA MERRILL		15,880	16,000	7	4FE
428040 CT 4	HERTZ CORP		03/13/2019	VARIOUS		120,668	119,000	2,412	4FE
436440 AK 7	HOLOGIC INC		01/15/2019	BANK AMERICA MERRILL		3,880	4,000	48	3FE
44644A AH 0	HUNTINGTON NB COLUMB		02/19/2019	RBC CAP		999,090	1,000,000		1FE
45031U BZ 3	ISTAR INC		01/15/2019	BANK AMERICA MERRILL		19,690	20,000	373	3FE
45031U CC 3	ISTAR INC		01/15/2019	BANK AMERICA MERRILL		5,954	6,000	99	3FE
45332J AA 0	RACKSPACE HOSTING		03/19/2019	VARIOUS		321,000	350,000	10,362	4FE
45672N AG 6	INFOR US INC		01/15/2019	VARIOUS		524,633	525,000	5,182	5FE
45688C AA 5	INGEVITY CORP		01/15/2019	BANK AMERICA MERRILL		7,380	8,000	172	3FE
45824T AY 1	INTELSAT JACKSON HLD		01/15/2019	BANK AMERICA MERRILL		27,878	27,000	59	5FE
45824T BA 2	INTELSAT JACKSON HLD		01/15/2019	BANK AMERICA MERRILL		54,135	54,000	1,581	5FE
465349 AA 6	ITALICS MERGER SUB I		02/27/2019	CIT GROUP		353,875	350,000	2,860	5FE
46647P AD 8	JP MORGAN CHASE BANK		02/08/2019	VARIOUS		1,490,823	1,500,000	7,980	1FE
46647P AV 8	JP MORGAN CHASE BANK		02/12/2019	CITIGROUP		256,168	250,000	613	1FE
46649J AA 6	JP MORGAN CHASE CMBS		01/08/2019	JP MORGAN		1,479,375	1,500,000	3,526	1FE
475795 AD 2	JELD-WEN INC		01/15/2019	BANK AMERICA MERRILL		3,520	4,000	21	4FE
48250N AB 1	KFC HLD/PIZZA HUT/TACO		01/15/2019	BANK AMERICA MERRILL		31,078	31,000	235	4FE
516806 AD 8	LOREDO PETROLEUM INC		01/15/2019	BANK AMERICA MERRILL		12,415	13,000	16	4FE
526057 BN 3	LENNAR CORP		01/15/2019	BANK AMERICA MERRILL		3,016	3,000	27	3FE
526057 CD 4	LENNAR CORP		01/15/2019	BANK AMERICA MERRILL		2,865	3,000	21	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)		
526057	CP 7	LENNAR CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		13,341	13,000	217	3FE		
526057	CR 3	LENNAR CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		2,058	2,000	22	3FE		
527298	BM 4	LEVEL 3 FINANCING INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		18,240	19,000	272	3FE		
53219L	AR 0	LIFEPOINT HEALTH INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		15,000	15,000	248	5FE		
53627N	AA 9	LIONS GATE CAPITAL HOLD.....		01/15/2019.....	BANK AMERICA MERRILL.....		19,850	20,000	268	4FE		
552704	AB 4	MEG ENERGY CORP.....		02/21/2019.....	VARIOUS.....		140,855	154,000	787	4FE		
552704	AD 0	MEG ENERGY CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		4,200	4,000	6	3FE		
552953	BX 8	MGM RESORTS INTERNATIONAL.....		01/15/2019.....	BANK AMERICA MERRILL.....		29,252	27,000	744	3FE		
552953	CA 7	MGM RESORTS INTERNATIONAL.....		01/15/2019.....	BANK AMERICA MERRILL.....		35,819	34,000	238	3FE		
552953	CC 3	MGM RESORTS INTERNATIONAL.....		03/14/2019.....	NOMURA.....		732,875	700,000	7,642	3FE		
552953	CE 9	MGM RESORTS INTERNATIONAL.....		01/15/2019.....	BANK AMERICA MERRILL.....		14,018	14,000	85	3FE		
55303X	AC 9	MGP ESCROW ISSUER/CO-ISS.....		01/15/2019.....	BANK AMERICA MERRILL.....		10,211	10,000	128	3FE		
553283	AB 8	MPH ACQUISITION HOLDINGS.....		01/15/2019.....	BANK AMERICA MERRILL.....		24,625	25,000	257	5FE		
55342U	AH 7	MPT OPERATING PARTNE.....		01/15/2019.....	VARIOUS.....		260,321	267,000	3,209	3FE		
563571	AL 2	MANITOWOC CO INC.....		03/11/2019.....	JP MORGAN.....		355,000	355,000		4FE		
575385	AA 7	MASONITE CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		14,053	14,000	280	3FE		
576485	AE 6	MATADOR RES CO.....		01/15/2019.....	BANK AMERICA MERRILL.....		6,860	7,000	174	4FE		
577081	AY 8	MATTEL INC.....		02/12/2019.....	JEFFERIES & CO.....		135,563	150,000	1,956	4FE		
577081	BA 9	MATTEL INC.....		01/25/2019.....	MORGAN STANLEY.....		368,000	400,000	4,282	4FE		
577081	BB 7	MATTEL INC.....		03/05/2019.....	VARIOUS.....		576,188	600,000	5,044	4FE		
58502B	AC 0	MEDNAX INC.....		02/19/2019.....	JP MORGAN.....		349,125	350,000	2,188	3FE		
58772T	AB 6	MERC-BENZ AUTO LEASE.....		01/23/2019.....	JP MORGAN.....		399,997	400,000		1FE		
588056	AR 2	MERCER INTL INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		4,154	4,000	45	3FE		
589433	AB 7	MEREDITH CORP.....		01/15/2019.....	VARIOUS.....		171,024	168,000	5,198	4FE		
595620	AT 2	MIDAMERICAN ENERGY C.....		01/07/2019.....	MIZUHO.....		1,498,665	1,500,000		1FE		
59565X	AB 6	MIDCONTINENT EXPRESS.....		02/13/2019.....	CS FIRST.....		523,750	500,000		4FE		
61691P	AA 8	MORGAN STAN CAP.....		01/08/2019.....	MORGAN STANLEY.....		1,483,125	1,500,000	3,581	1FE		
61744Y	AJ 7	MORGAN STANLEY.....		01/07/2019.....	MIZUHO.....		987,453	1,000,000	7,459	1FE		
624758	AE 8	MUELLER WTR PRODS IN.....		01/15/2019.....	BANK AMERICA MERRILL.....		13,933	14,000	81	3FE		
62539B	AA 3	MULTI-COLOR CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		9,852	11,000	122	4FE		
629377	CC 4	NRG ENERGY INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		5,221	5,000	7	3FE		
629377	CE 0	NRG ENERGY INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		8,978	9,000	12	3FE		
637432	NS 0	NATIONAL RURAL UTILS.....		01/28/2019.....	MIZUHO.....		1,496,655	1,500,000		1FE		
63938C	AC 2	NAVIENT CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		8,058	8,000	154	3FE		
63938C	AD 0	NAVIENT CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		14,280	14,000	456	3FE		
63938C	AJ 7	NAVIENT CORPORATION.....		01/15/2019.....	BANK AMERICA MERRILL.....		5,487	6,000	43	3FE		
63946B	AD 2	NBC UNIVERSAL INC.....		01/11/2019.....	BARCLAYS.....		1,026,370	1,000,000	10,729	1FE		
64072T	AA 3	NEPTUNE FINCO CORP.....		02/04/2019.....	CITIGROUP.....		867,188	750,000	4,758	4FE		
64072T	AE 5	CSC HOLDINGS LLC.....		01/09/2019.....	BANK AMERICA MERRILL.....		706,968	655,000	32,423	4FE		
64110L	AS 5	NETFLIX INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		37,050	39,000	518	3FE		
65341X	AA 6	NEXSTAR ESCROW CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		19,200	20,000	538	4FE		
65409Q	BB 7	NIELSEN FIN LLC/ NIELSEN.....		01/15/2019.....	BANK AMERICA MERRILL.....		24,645	25,000	340	4FE		
65441V	AA 9	NINE ENERGY SVC INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		5,970	6,000	128	4FE		
654740	AX 7	NISSAN MTR ACCEP COR.....		01/04/2019.....	PERSHING DLJ.....		977,160	1,000,000	10,631	1FE		
65504L	AN 7	NOBLE HOLDINGS INTL LTD.....		01/16/2019.....	PERSHING DLJ.....		3,277	4,000	95	5FE		
65504L	AP 2	NOBLE HOLDINGS INTL LTD.....		01/15/2019.....	BANK AMERICA MERRILL.....		10,140	12,000	21	5FE		

QE04.7

SCHEDULE D - PART 3

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

QE04.8

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)		
65504L	AQ 0	NOBLE HOLDINGS INTL LTD.....		01/15/2019.....	BANK AMERICA MERRILL.....		4,571	5,000	188	4FE.....		
670001	AA 4	NOVELIS CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		13,948	14,000	384	4FE.....		
670001	AC 0	NOVELIS CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		279,501	296,000	2,766	4FE.....		
674215	AG 3	OASIS PETROLEUM INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		25,935	26,000	606	4FE.....		
68245X	AE 9	1011778 B.C. UNLIMIT.....		01/15/2019.....	VARIOUS.....		142,773	150,000	1,892	4FE.....		
69073T	AR 4	OWENS-BROCKWAY GLASS.....		01/15/2019.....	BANK AMERICA MERRILL.....		4,131	4,000	99	4FE.....		
693522	AG 9	PQ COEP.....		01/16/2019.....	BARCLAYS.....		2,081	2,000	24	4FE.....		
693522	AH 7	PQ CORP.....		01/15/2019.....	VARIOUS.....		154,477	164,000	3,838	5FE.....		
695114	CU 0	PACIFICORP.....		02/25/2019.....	MITSUBISHI.....		998,150	1,000,000		1FE.....		
70014L	AA 8	PARK AEROSPACE HOLDINGS.....		01/15/2019.....	BANK AMERICA MERRILL.....		5,069	5,000	111	3FE.....		
70014L	AC 4	PARK AEROSPACE HOLDINGS.....		01/15/2019.....	BANK AMERICA MERRILL.....		25,425	26,000	397	3FE.....		
70014L	AD 2	PARK AEROSPACE HOLDINGS.....		01/15/2019.....	BANK AMERICA MERRILL.....		9,819	10,000	123	3FE.....		
701885	AH 8	PARSLEY ENERGY LLC FINAN.....		01/15/2019.....	BANK AMERICA MERRILL.....		21,450	22,000	316	4FE.....		
71376L	AB 6	PERFORMANCE FOOD GRO.....		01/16/2019.....	BARCLAYS.....		17,960	18,000	129	4FE.....		
716768	AC 0	PETSMART INC.....		03/14/2019.....	VARIOUS.....		533,960	657,000	10,326	5FE.....		
72431P	AA 0	PISCES MIDCO INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		11,370	12,000	261	5FE.....		
73107G	AA 1	POLARIS INTERMEDIATE.....		01/15/2019.....	BANK AMERICA MERRILL.....		22,757	23,340	254	5FE.....		
737446	AK 0	POST HLDGS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		13,203	14,000	296	4FE.....		
737446	AM 6	POST HLDGS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		37,035	38,000	825	4FE.....		
737446	AN 4	PORT HOLDINGS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		15,278	16,000	5	4FE.....		
740212	AK 1	PRECISION DRILLING CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		13,440	14,000	96	3FE.....		
74166M	AA 4	PRIME SEC SVCS BORRO.....		02/13/2019.....	JEFFERIES & CO.....		317,625	300,000	6,925	4FE.....		
74166M	AB 2	PRIME SEC SVCS BORRO.....		03/21/2019.....	DEUTSCHE BANK.....		900,000	900,000		3FE.....		
74733V	AC 4	QEP RESOURCES INC.....		02/07/2019.....	CS FIRST.....		72,938	75,000	1,094	3FE.....		
74733V	AD 2	QEP RESOURCES INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		39,258	41,000	871	3FE.....		
74736K	AE 1	QORVO INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		8,865	9,000	3	3FE.....		
74840L	AB 8	QUICKEN LNS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		197,726	211,000	4,883	3FE.....		
75281A	AS 8	RANGE RESOURCES CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		6,331	7,000	59	3FE.....		
75281A	AU 3	RANGE RESOURCES CORP.....		02/05/2019.....	VARIOUS.....		201,375	200,000	995	3FE.....		
75524D	AP 5	RBS GLOBAL INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		15,968	17,000	74	4FE.....		
75606D	AC 5	REALOGY GRP LLC/REAL.....		01/30/2019.....	BARCLAYS.....		99,500	100,000	875	4FE.....		
761735	AT 6	REYNOLDS GRP ISS/REYNOLD.....		01/15/2019.....	BANK AMERICA MERRILL.....		41,671	42,000	12	4FE.....		
761735	AV 1	REYNOLDS GRP ISS/REYNOLD.....		01/25/2019.....	VARIOUS.....		406,145	404,000	3,822	5FE.....		
77340R	AK 3	ROCKIES EXPRESS PIPE.....		01/18/2019.....	USBCORP.....		356,344	350,000	5,359	2FE.....		
77846E	AA 3	ROSSLYN PORTFOLIO TRUST.....		01/08/2019.....	GOLDMAN SACHS.....		1,496,719	1,500,000	3,689	1FE.....		
779382	AR 1	ROWAN COMPANIES.....		01/15/2019.....	BANK AMERICA MERRILL.....		10,433	13,000	3	4FE.....		
78388J	AV 8	SBA COMMUNICATIONS C.....		01/15/2019.....	VARIOUS.....		108,963	111,000	1,949	4FE.....		
78442F	EQ 7	NAVIENT CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		50,309	53,000	1,441	3FE.....		
78442F	ET 1	SLM CORP.....		01/29/2019.....	MORGAN STANLEY.....		237,813	250,000	5,359	3FE.....		
78454L	AH 3	SM ENERGY CO.....		01/15/2019.....	BANK AMERICA MERRILL.....		19,950	21,000	6	4FE.....		
78454L	AN 0	SM ENERGY CO.....		01/15/2019.....	BANK AMERICA MERRILL.....		9,825	10,000	229	4FE.....		
78466C	AC 0	SS&C TECHNOLOGIES IN.....		03/14/2019.....	MORGAN STANLEY.....		885,000	885,000		4FE.....		
78472C	AA 6	SOFI CONSUMER LOAN PROGRAM.....		02/12/2019.....	GOLDMAN SACHS.....		1,499,997	1,500,000		1FE.....		
785592	AE 6	SABINE PASS LIQUEFAC.....		02/08/2019.....	VARIOUS.....		1,499,586	1,450,000	20,422	2FE.....		
78573N	AA 0	SABRE GBLBL INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		2,025	2,000	27	3FE.....		
78573N	AB 8	SABRE GBLBL INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		14,106	14,000	127	3FE.....		
80874Y	AU 4	SGMS ESCROW CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		61,655	59,000	754	5FE.....		

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)
80874Y BA 7	SCIENTIFIC GAMES INT.....		03/05/2019.....	JP MORGAN.....		900,000	900,000		5FE.....
811054 AG 0	SCRIPPS E W CO OHIO.....		01/16/2019.....	WELLS FARGO.....		13,164	14,000	126	4FE.....
82967N BA 5	SIRIUS XM RADIO INC.....		01/15/2019.....	VARIOUS.....		191,375	200,000	4,486	3FE.....
83422A AA 1	SOLERA LLC / SOLERA.....		01/25/2019.....	MORGAN STANLEY.....		706,063	650,000	28,058	5FE.....
85172F AL 3	SPRINGLEAF FINANCE CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		21,670	22,000	419	3FE.....
85172F AN 9	SPRINGLEAF FINANCE CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		15,263	16,000	386	3FE.....
852060 AT 9	SPRINT CAPITAL CORP.....		01/03/2019.....	CS FIRST.....		265,000	250,000	6,806	4FE.....
85207U AE 5	SPRINT CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		57,063	55,000	1,351	4FE.....
85207U AF 2	SPRINT CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		82,850	79,000	2,108	4FE.....
85207U AJ 4	SPRINT CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		14,458	14,000	451	4FE.....
853496 AC 1	STANDARD INDS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		10,175	11,000	232	3FE.....
85571B AL 9	STARWOOD PROPERTY TRUST.....		01/15/2019.....	BANK AMERICA MERRILL.....		14,720	16,000	258	3FE.....
85571B AP 0	STARWOOD PROPERTY TRUST.....		01/15/2019.....	BANK AMERICA MERRILL.....		3,943	4,000	67	3FE.....
85572N AA 6	STARS GRP HLDS/STARS GRP.....		01/15/2019.....	VARIOUS.....		269,005	265,000	8,630	4FE.....
858119 AZ 3	STEEL DYNAMICS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		10,093	10,000	134	3FE.....
85917N AA 0	STERIGENICS NORDION.....		01/16/2019.....	BANK AMERICA MERRILL.....		265,433	273,000	4,341	5FE.....
86614R AG 2	SUMMIT MATERIALS LLC.....		01/15/2019.....	BANK AMERICA MERRILL.....		6,989	7,000	2	4FE.....
86614R AM 9	SUMMIT MATERIALS LLC.....		02/28/2019.....	VARIOUS.....		343,750	343,000		4FE.....
86614W AD 8	SUMMIT MIDSTREAM HLD.....		01/15/2019.....	BANK AMERICA MERRILL.....		16,650	18,000	265	4FE.....
871503 AU 2	SYMANTEC CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		6,868	7,000	89	3FE.....
87264A AM 7	T MOBILE USA INC.....		02/05/2019.....	VARIOUS.....		688,744	670,000	16,385	3FE.....
87264A AP 0	T MOBILE USA INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		17,866	17,000	6	3FE.....
87264A AR 6	T-MOBILE USA INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		16,744	17,000	174	3FE.....
87422V AA 6	TALen ENERGY SUPPLY LLC.....		01/15/2019.....	BANK AMERICA MERRILL.....		2,348	3,000	25	4FE.....
87422V AE 8	TALen ENERGY SUPPLY LLC.....		01/15/2019.....	BANK AMERICA MERRILL.....		4,588	5,000	3	4FE.....
87470L AA 9	TALLGRASS ENERGY.....		01/31/2019.....	VARIOUS.....		353,719	355,000	6,647	3FE.....
87470L AE 1	TALLGRASS ENERGY.....		01/15/2019.....	BANK AMERICA MERRILL.....		10,050	10,000	146	3FE.....
87612B AP 7	TARGA RES PARTNERS.....		01/15/2019.....	BANK AMERICA MERRILL.....		11,550	12,000	88	3FE.....
87612B BB 7	TARGA RES PARTNERS.....		01/15/2019.....	VARIOUS.....		96,710	102,000	2,268	3FE.....
87612B BE 1	TARGA RES PARTNERS.....		01/15/2019.....	BANK AMERICA MERRILL.....		6,773	7,000	173	3FE.....
87612B BG 6	TARGA RES PARTNERS.....		01/15/2019.....	BANK AMERICA MERRILL.....		5,568	6,000	2	3FE.....
87612B BH 4	TARGA RES PARTNERS.....		01/15/2019.....	BANK AMERICA MERRILL.....		9,007	9,000	135	3FE.....
87612B BK 7	TARGA RES PARTNERS.....		01/15/2019.....	BANK AMERICA MERRILL.....		561,158	561,000		3FE.....
88033G CE 8	TENET HEALTHCARE CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		57,680	56,000	1,340	5FE.....
88033G CS 7	TENET HEALTHCARE CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		14,475	15,000	4	3FE.....
88033G CU 2	THC ESCROW CORPORATION.....		01/15/2019.....	BANK AMERICA MERRILL.....		15,560	16,000	173	4FE.....
88033G CW 8	THC ESCROW CORPORATION.....		01/15/2019.....	BANK AMERICA MERRILL.....		21,285	22,000	710	5FE.....
88033G CX 6	TENET HEALTHCARE CORP.....		01/22/2019.....	BARCLAYS.....		700,000	700,000		4FE.....
88047P AA 2	TENN MERGER SUB INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		13,640	16,000	470	5FE.....
88165F AF 9	TEVA PHARMACEUTICAL.....		01/23/2019.....	RBC CAP.....		144,375	150,000	1,141	3FE.....
88732J AW 8	TIME WARNER CABLE INC.....		01/11/2019.....	BARCLAYS.....		557,310	550,000	12,528	2FE.....
893526 DK 6	TRANSCANADA CORP.....		01/07/2019.....	WELLS FARGO.....		1,007,000	1,000,000	10,344	1FE.....
893647 AZ 0	TRANSDIGM INC.....		02/12/2019.....	VARIOUS.....		849,208	879,000	10,643	4FE.....
893830 BE 8	TRANSOCEAN INC.....		03/13/2019.....	VARIOUS.....		279,523	263,000	3,757	5FE.....
893830 BF 5	TRANSOCEAN INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		18,240	19,000	8	5FE.....
90331H PB 3	US BANK ASSN CINCINN.....		01/28/2019.....	USBCORP.....		300,000	300,000		1FE.....

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)
911365 BE 3	UNITED RENTALS NORTH AMERICA.....			01/15/2019.....	VARIOUS.....		805,010	828,000	15,180	3FE.....
911365 BG 8	UNITED RENTALS INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		5,536	6,000	2	3FE.....
911365 BK 9	UNITED RENTALS INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		13,258	13,000	181	3FE.....
912909 AM 0	UNITED STATES STL CO.....			01/15/2019.....	BANK AMERICA MERRILL.....		26,123	27,000	784	4FE.....
91336R AA 2	UNIVAR USA INC.....			02/05/2019.....	CS FIRST.....		513,313	500,000	1,781	3FE.....
914906 AR 3	UNIVISION COMMUNICATIONS.....			01/15/2019.....	BANK AMERICA MERRILL.....		13,988	15,000	132	4FE.....
91739V AA 6	USIS MERGER SUB INC.....			02/19/2019.....	VARIOUS.....		151,720	158,000	3,267	5FE.....
91740P AC 2	USA COMPRESSION PART.....			01/23/2019.....	NOMURA.....		13,101	13,000	283	4FE.....
91740P AD 0	USA COMPRESSION PART.....			02/21/2019.....	JP MORGAN.....		600,000	600,000		4FE.....
91832V AA 2	VOC ESCROW LTD.....			01/15/2019.....	BANK AMERICA MERRILL.....		18,193	19,000	401	3FE.....
91911K AD 4	VALEANT PHARMACEUTICALS.....			01/15/2019.....	BANK AMERICA MERRILL.....		17,021	17,000	122	4FE.....
91911K AK 8	VALEANT PHARMACEUTICALS.....			01/15/2019.....	BANK AMERICA MERRILL.....		5,200	5,000	119	3FE.....
91911K AN 2	VALEANT PHARMACEUTICALS.....			01/15/2019.....	BANK AMERICA MERRILL.....		17,730	18,000	209	3FE.....
91911X AV 6	VALEANT PHARMACEUTICALS.....			01/15/2019.....	BANK AMERICA MERRILL.....		20,140	19,000	517	4FE.....
91911X AW 4	VALEANT PHARMACEUTICALS.....			02/22/2019.....	JP MORGAN.....		516,250	500,000	4,486	4FE.....
92047W AB 7	VALVOLINE INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		12,268	13,000	240	3FE.....
92047W AC 5	VALVOLINE INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		12,066	12,000	4	3FE.....
92343E AL 6	VERISIGN INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		6,808	7,000	2	3FE.....
92532W AA 1	VERSUM MATERIALS INC.....			01/16/2019.....	DEUTSCHE BANK.....		19,006	19,000	357	3FE.....
92676X AD 9	VIKING CRUISES LTD.....			01/15/2019.....	BANK AMERICA MERRILL.....		11,760	12,000	239	4FE.....
92769X AM 7	VIRGIN MEDIA FINANCE PLC.....			01/24/2019.....	MORGAN STANLEY.....		295,500	300,000	7,471	3FE.....
92840V AA 0	VISTRA OPERATIONS CO.....			01/15/2019.....	BANK AMERICA MERRILL.....		14,109	14,000	310	3FE.....
92840V AB 8	VISTRA OPERATIONS CO.....			01/22/2019.....	JP MORGAN.....		522,000	522,000		3FE.....
928668 AM 4	VOLKSWAGEN GROUP AME.....			01/09/2019.....	RBC CAP.....		738,420	750,000	2,450	2FE.....
92933B AK 0	WMG ACQUISITION CORP.....			03/18/2019.....	CS FIRST.....		101,750	100,000	674	4FE.....
92933B AP 9	WMG ACQUISITION CORP.....			01/23/2019.....	VARIOUS.....		196,128	203,000	2,731	4FE.....
931142 EE 9	WALMART INC.....			02/11/2019.....	CS FIRST.....		1,030,090	1,000,000	4,831	1FE.....
93369K AA 3	WAND MERGER CORP.....			01/15/2019.....	BANK AMERICA MERRILL.....		23,403	23,000	10	4FE.....
949746 SL 6	WELLS FARGO CO NEW.....			02/08/2019.....	VARIOUS.....		1,406,280	1,400,000	8,715	1FE.....
95081Q AK 0	WESCO DISTRIBUTION INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		17,262	17,000	81	4FE.....
958102 AM 7	WESTERN DIGITAL CORP.....			01/15/2019.....	BANK AMERICA MERRILL.....		10,835	12,000	241	3FE.....
962178 AN 9	TRI POINTE GROUP.....			01/23/2019.....	VARIOUS.....		192,570	206,000	1,337	3FE.....
966387 AP 7	WHITING PETE CORP NE.....			01/15/2019.....	BANK AMERICA MERRILL.....		19,750	20,000	368	4FE.....
966387 BG 6	WHITTING PETROLEUM CORP.....			01/15/2019.....	BANK AMERICA MERRILL.....		15,440	16,000	6	4FE.....
96926D AH 3	LYON WILLIAM HOMES INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		3,015	3,000	89	4FE.....
96926D AU 4	WILLIAM LYON HOMES INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		24,705	27,000	612	4FE.....
96926J AC 1	WILLIAM CARTER CO.....			02/28/2019.....	VARIOUS.....		452,625	450,000		3FE.....
96950G AB 8	WILLIAMS SCOTSMAN.....			02/25/2019.....	JEFFERIES & CO.....		539,125	550,000	458	4FE.....
98212B AE 3	WPX ENERGY INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		10,725	11,000	196	4FE.....
98212B AG 8	WPX ENERGY INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		17,600	16,000	609	4FE.....
98212B AH 6	WPX ENERGY INC.....			01/15/2019.....	BANK AMERICA MERRILL.....		12,675	13,000	96	4FE.....
983793 AG 5	XPO LOGISTICS INC.....			02/19/2019.....	CIT GROUP.....		850,000	850,000		3FE.....
984121 CQ 4	XEROX CORP.....			01/31/2019.....	RBC CAP.....		839,188	900,000	11,590	3FE.....
989194 AM 7	ZAYO GROUP LLC/ZAYO.....			02/19/2019.....	VARIOUS.....		252,625	250,000	5,483	4FE.....
989194 AP 0	ZAYO GROUP LLC/ZAYO.....			01/15/2019.....	BANK AMERICA MERRILL.....		15,240	16,000	5	4FE.....
BL2618 39 7	ARBY'S RESTAURANT.....			02/19/2019.....	GOLDMAN SACHS.....		910,594	925,000		4FE.....

QE04.10

SCHEDULE D - PART 3

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

QE04.11

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)	
071734 AC 1	BAUSCH HEALTH CO.....		02/22/2019.....	JP MORGAN.....		200,000	200,000		3FE.....	
07813Z BZ 6	BELL CANADA.....		02/04/2019.....	RBC DEXIA.....		4,020,800	4,000,000	53,967	2FE.....	
097751 AY 7	BOMBARDIER INC.....		03/01/2019.....	BARCLAYS.....		773,550	764,000	20,745	4FE.....	
097751 BJ 9	BOMBARDIER INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		13,370	14,000	215	4FE.....	
097751 BT 7	BOMBARDIER INC.....		02/28/2019.....	CIT GROUP.....		100,000	100,000		4FE.....	
443628 AF 9	HUDBAY MINERALS INC.....		01/15/2019.....	BANK AMERICA MERRILL.....		17,213	17,000	27	4FE.....	
47788Z AB 7	JOHN DEERE FINANCIAL.....		01/10/2019.....	RBC DEXIA.....		9,029,610	9,000,000		1FE.....	
539481 AL 5	LOBLAW COS LTD.....		02/04/2019.....	RBC DEXIA.....		5,177,950	5,000,000	31,129	2FE.....	
552704 AC 2	MEG ENERGY CORP.....		02/21/2019.....	VARIOUS.....		97,228	106,000	2,951	4FE.....	
575385 AB 5	MASONITE INTL CORP N.....		01/15/2019.....	BANK AMERICA MERRILL.....		4,888	5,000	117	3FE.....	
68245X AC 3	1011778 B.C. UNLIMIT.....		03/21/2019.....	VARIOUS.....		512,618	520,000	11,336	4FE.....	
683715 AB 2	OPEN TEXT CORP.....		01/15/2019.....	BANK AMERICA MERRILL.....		10,250	10,000	75	3FE.....	
69867D AA 6	PANTHER BG AGGREGATO.....		03/18/2019.....	JP MORGAN.....		200,000	200,000		3FE.....	
69867D AC 2	PANTHER BG AGGREGATO.....		03/18/2019.....	JP MORGAN.....		550,000	550,000		4FE.....	
775109 AV 3	ROGERS COMMUNICATION.....		02/04/2019.....	RBC DEXIA.....		5,188,700	5,000,000	33,973	2FE.....	
878742 AS 4	TECK RESOURCES LTD.....		01/15/2019.....	BANK AMERICA MERRILL.....		10,780	11,000	279	3FE.....	
87971M AX 1	TELUS CORP.....		02/04/2019.....	DESJARDIN.....		3,086,250	3,000,000	6,164	2FE.....	
91831A AB 7	VRX ESCROW CORP.....		02/22/2019.....	VARIOUS.....		896,565	922,000	12,340	4FE.....	
02156L AA 9	ALTICE FRANCE S A.....	D.....	01/09/2019.....	HSBC.....		247,575	250,000	9,084	4FE.....	
05567L T3 1	BNP PARIBAS / BNP PA.....	D.....	01/11/2019.....	CITIGROUP.....		1,034,590	1,000,000		1FE.....	
06738E AP 0	BARCLAYS PLC.....	D.....	02/21/2019.....	JP MORGAN.....		704,351	705,000	10,489	3FE.....	
06738E BF 1	BARCLAYS PLC.....	D.....	02/08/2019.....	VARIOUS.....		971,892	1,000,000	8,092	2FE.....	
21685W BT 3	COOPERATIEVE CENTRAL.....	D.....	01/11/2019.....	RBSSCOTT.....		1,025,300	1,000,000	500	1FE.....	
225433 AK 7	CREDIT SUISSE GRP FD.....	D.....	01/08/2019.....	MORGAN STANLEY.....		992,580	1,000,000	2,604	2FE.....	
251525 AT 8	DEUTSCHE BANK A G.....	D.....	01/11/2019.....	MITSUBISHI.....		486,015	500,000	75	2FE.....	
404280 BR 9	HSBC HLDGS PLC.....	D.....	02/08/2019.....	HSBC.....		992,150	1,000,000	8,594	1FE.....	
46115H AT 4	INTESA SANPAOLO S P.....	D.....	02/01/2019.....	DEUTSCHE BANK.....		274,725	300,000	1,631	3FE.....	
53944Y AC 7	LLOYDS BKG GROUP PLC.....	D.....	01/04/2019.....	CS FIRST.....		483,705	500,000	7,375	1FE.....	
80281L AD 7	SANTANDER UK PLC.....	D.....	01/08/2019.....	BNP PARIBAS.....		984,790	1,000,000	174	2FE.....	
81725W AJ 2	SENSATA TECH BV.....	D.....	01/24/2019.....	MORGAN STANLEY.....		149,125	150,000	2,382	3FE.....	
85529V AA 2	STARFRUIT FINCO B V.....	D.....	01/09/2019.....	BANK AMERICA MERRILL.....		145,875	150,000	3,333	4FE.....	
88167A AC 5	TEVA PHARMACEUTICAL.....	D.....	01/25/2019.....	MORGAN STANLEY.....		234,375	250,000	122	3FE.....	
88167A AD 3	TEVA PHARMACEUTICAL.....	D.....	01/25/2019.....	MORGAN STANLEY.....		223,750	250,000	156	3FE.....	
90261X GD 8	UBS AG STAMFORD BRH.....	D.....	02/08/2019.....	VARIOUS.....		1,433,564	1,400,000	22,235	1FE.....	
90352J AF 0	UBS GROUP FUNDING SWITZERLAND AG.....	D.....	01/31/2019.....	UBS SECURITIES.....		550,000	550,000		3FE.....	
947075 AN 7	WEATHERFORD INTL LTD.....	D.....	02/04/2019.....	BANK AMERICA MERRILL.....		104,816	150,000	7,036	5FE.....	
3899999	Total - Bonds - Industrial and Miscellaneous.....					154,898,245	155,559,340	1,162,701	XXX.....	
Bonds - SVO Identified Funds										
464288	51 3	ISHARES IBOXX HIGH YIELD CORP.....	03/18/2019.....	BANK AMERICA MERRILL.....		34,798,000	2,984,102	XXX.....	4.....	
8199999	Total - Bonds - SVO Identified Funds.....								0	XXX.....
Bonds - Bank Loans										
BL2397	98 4	STERIGENICS INTL INC.....	02/19/2019.....	GOLDMAN SACHS.....		909,344	925,000		4FE.....	
BL2414	59 9	MOHEGAN TRIBAL GAMING AUTHORITY.....	02/14/2019.....	GOLDMAN SACHS.....		756,000	800,000		4FE.....	
BL2499	38 4	FLEX ACQUISITION CO INC.....	02/19/2019.....	GOLDMAN SACHS.....		491,875	500,000		4FE.....	
BL2562	96 7	MITCHELL INTERNATIONAL.....	02/20/2019.....	GOLDMAN SACHS.....		917,375	950,000		4FE.....	
BL2636	86 0	CHARTER NEX US INC.....	02/19/2019.....	GOLDMAN SACHS.....		609,375	625,000		4FE.....	

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)
BL2640 30 0	SS&C TECHNOLOGIES HOLDINGS, INC.....		12/31/2018.....	GOLDMAN SACHS.....		212,315	213,382		3FE.....
BL2641 45 6	SS&C TECH HOLDINGS INC.....		12/31/2018.....	GOLDMAN SACHS.....		80,866	81,272		3FE.....
BL2642 70 2	SABRE GLBL INC.....		02/20/2019.....	GOLDMAN SACHS.....		869,000	875,000		3FE.....
BL2687 21 0	BROOKFIELD PROPERTIES.....		02/14/2019.....	GOLDMAN SACHS.....		723,438	750,000		3FE.....
BL2704 56 9	VERTAFORE INC.....		02/19/2019.....	GOLDMAN SACHS.....		612,156	625,000		4FE.....
BL2714 43 6	SEVERIN ACQUISITION.....		02/19/2019.....	GOLDMAN SACHS.....		904,906	925,000		4FE.....
BL2725 04 4	FLEX ACQUISITION CO INC.....		02/19/2019.....	GOLDMAN SACHS.....		443,813	450,000		4FE.....
BL2768 42 4	CENTRALSQUARE TECH(TRITECH).....		02/19/2019.....	GOLDMAN SACHS.....		541,750	550,000		4FE.....
BL2849 31 5	COMMSCOPE INC.....		02/07/2019.....	GOLDMAN SACHS.....		569,250	575,000		3FE.....
BL2935 86 6	TRAVELPORT LLC.....		03/18/2019.....	GOLDMAN SACHS.....		725,000	725,000		5FE.....
8299999	Total - Bonds - Bank Loans.....					9,366,463	9,569,654	0	XXX.....
8399997	Total - Bonds - Part 3.....					708,214,762	671,456,066	3,476,868	XXX.....
8399999	Total - Bonds.....					708,214,762	671,456,066	3,476,868	XXX.....
Common Stocks - Industrial and Miscellaneous									
000361 10 5	AAR CORP.....		02/08/2019.....	SANFORD BERNST.....	11,092.000	407,976	XXX		L.....
011659 10 9	ALASKA AIR GROUP INC.....		01/31/2019.....	SANFORD BERNST.....	2,627.000	164,964	XXX		L.....
013872 10 6	ALCOA CORP.....		01/10/2019.....	SANFORD BERNST.....	2,608.000	75,078	XXX		L.....
016255 10 1	ALIGN TECHNOLOGY INC.....		02/22/2019.....	COWEN.....	58,000.000	14,707,537	XXX		L.....
02079K 10 7	ALPHABET INC.....		02/07/2019.....	COWEN.....	5,500.000	6,025,999	XXX		L.....
02209S 10 3	ALTRIA GROUP INC.....		01/30/2019.....	COWEN.....	250,000.000	11,874,950	XXX		L.....
025932 10 4	AMERICAN FINL GROUP INC.....		01/10/2019.....	SANFORD BERNST.....	817.000	76,099	XXX		L.....
055622 10 4	BP AMOCO PLC.....		02/06/2019.....	VARIOUS.....	320,000.000	13,310,734	XXX		L.....
06652K 10 3	BANKUNITED INC.....		02/08/2019.....	SANFORD BERNST.....	2,635.000	92,610	XXX		L.....
08579X 10 1	BERRY PETE CO.....		03/05/2019.....	VARIOUS.....	65,567.000		XXX		L.....
126650 10 0	CVS CORP.....		01/28/2019.....	VARIOUS.....	135,000.000	9,041,009	XXX		L.....
171798 10 1	CIMAREX ENERGY CO.....		01/30/2019.....	SANFORD BERNST.....	5,407.000	394,053	XXX		L.....
204166 10 2	COMMVAULT SYSTEMS.....		03/20/2019.....	SANFORD BERNST.....	2,880.000	181,781	XXX		L.....
21676P 10 3	COOPER-STANDARD HLDS.....		01/10/2019.....	SANFORD BERNST.....	1,244.000	86,421	XXX		L.....
222795 10 6	COUSINS PPTYS INC.....		02/27/2019.....	SANFORD BERNST.....	61,035.000	570,810	XXX		L.....
232806 10 9	CYPRESS SEMICONDUCTOR CORP.....		02/27/2019.....	SANFORD BERNST.....	6,019.000	92,832	XXX		L.....
235825 20 5	DANA HOLDINGS CORP.....		03/20/2019.....	SANFORD BERNST.....	22,220.000	411,040	XXX		L.....
254687 10 6	DISNEY WALT CO.....		03/20/2019.....	SPINOFF.....	5,047.000	545,571	XXX		L.....
35137L 10 5	FOX CORP CLASS A.....		03/20/2019.....	SPINOFF.....	287,966.000	13,451,752	XXX		L.....
375558 10 3	GILEAD SCIENCES.....		02/06/2019.....	VARIOUS.....	150,000.000	10,295,585	XXX		L.....
419879 10 1	HAWAIIAN HOLDINGS.....		01/10/2019.....	SANFORD BERNST.....	6,274.000	176,666	XXX		L.....
457187 10 2	INGREDION INCORPRTD.....		01/30/2019.....	SANFORD BERNST.....	910.000	90,337	XXX		L.....
488401 10 0	KEMPER CORPORATION.....		01/07/2019.....	SANFORD BERNST.....	3,720.000	242,902	XXX		L.....
501242 10 1	KULICKE & SOFFA INDS.....		03/04/2019.....	SANFORD BERNST.....	8,734.000	178,018	XXX		L.....
521865 20 4	LEAR CORP.....		01/07/2019.....	SANFORD BERNST.....	662.000	84,528	XXX		L.....
55303A 10 5	MGM GROWTH PROPRTIE.....		01/29/2019.....	SANFORD BERNST.....	5,972.000	174,681	XXX		L.....
58933Y 10 5	MERCK & CO INC.....		01/17/2019.....	VARIOUS.....	360,000.000	27,033,552	XXX		L.....
67020Y 10 0	NUANCE COMMUNICATIONS INC.....		02/28/2019.....	SANFORD BERNST.....	5,676.000	95,042	XXX		L.....
68268W 10 3	ONEMAIN HOLDINGS INC.....		01/10/2019.....	SANFORD BERNST.....	3,648.000	99,253	XXX		L.....
703481 10 1	PATTERSON-UTI ENERGY INC.....		01/11/2019.....	SANFORD BERNST.....	10,885.000	136,114	XXX		L.....
74733V 10 0	QEP RESOURCES INC.....		12/24/2018.....	SANFORD BERNST.....	5,240.000	27,205	XXX		L.....
759351 60 4	REINSURANCE GROUP AMER.....		02/28/2019.....	SANFORD BERNST.....	666.000	95,992	XXX		L.....

QE04.12

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)
81211K 10 0	SEALED AIR CORP.....		01/11/2019.....	SANFORD BERNST.....	18,910.000	671,915	XXX		L.....
830566 10 5	SKECHERS U S A INC.....		12/27/2018.....	SANFORD BERNST.....	3,610.000	82,576	XXX		L.....
87161C 50 1	SYNOVUS FINL CORP.....		02/08/2019.....	SANFORD BERNST.....	5,040.000	180,940	XXX		L.....
87305R 10 9	TTM TECHNOLOGIES INC.....		03/22/2019.....	SANFORD BERNST.....	5,300.000	62,267	XXX		L.....
87724P 10 6	TAYLOR MORRISON.....		01/31/2019.....	SANFORD BERNST.....	10,749.000	201,746	XXX		L.....
904214 10 3	UMPQUA HLDGS CORP.....		01/31/2019.....	SANFORD BERNST.....	4,711.000	82,702	XXX		L.....
929740 10 8	WABTEC CORP.....		02/25/2019.....	SPINOFF.....	10,511.880	240,620	XXX		L.....
931142 10 3	WAL-MART STORES INC.....		01/28/2019.....	ALEX BROWN.....	35,000.000	3,395,466	XXX		L.....
947890 10 9	WEBSTER FINANCIAL CORP.....		01/10/2019.....	SANFORD BERNST.....	1,670.000	84,513	XXX		L.....
960413 10 2	WESTLAKE CHEM CORP.....		02/19/2019.....	SANFORD BERNST.....	10,533.000	790,248	XXX		L.....
98956P 10 2	ZIMMER HOLDINGS INC.....		01/03/2019.....	SANFORD BERNST.....	119,000.000	12,085,616	XXX		L.....
G3198U 10 2	ESSENT GROUP LTD.....		01/07/2019.....	SANFORD BERNST.....	2,079.000	72,948	XXX		L.....
G81276 10 0	SIGNET JEWELERS LIMITED.....		01/09/2019.....	SANFORD BERNST.....	2,710.000	98,190	XXX		L.....
8676EP 10 8	SUNOPTA INC.....		01/24/2019.....	COWEN.....	364,000.000	1,564,666	XXX		L.....
226718 10 4	CRITEO S.A.....	D.....	02/27/2019.....	SANFORD BERNST.....	10,736.000	279,010	XXX		L.....
G1890L 10 7	CAPRI HOLDINGS LTD.....	D.....	03/07/2019.....	SANFORD BERNST.....	15,058.000	679,405	XXX		L.....
G3223R 10 8	EVEREST RE GROUP LTD.....	C.....	02/27/2019.....	SANFORD BERNST.....	429.000	96,029	XXX		L.....
G6564A 10 5	NOMAD FOODS LTD.....	C.....	02/27/2019.....	SANFORD BERNST.....	9,458.000	174,211	XXX		L.....
9099999	Total - Common Stocks - Industrial and Miscellaneous.....					131,084,159	XXX	0	XXX.....
Common Stocks - Parent, Subsidiaries and Affiliates									
30277@ 10 1	FMIC HOLDINGS, INC.....		01/08/2019.....	CAPITAL CONTRIBUTION.....		65,394	XXX		K.....
87282@ 10 4	TSB LOSS CONTROL CONSULTANTS, INC.....		02/28/2019.....	CAPITAL CONTRIBUTION.....		319,371	XXX		K.....
9199999	Total - Common Stocks - Parent, Subsidiaries and Affiliates.....					384,765	XXX	0	XXX.....
Common Stocks - Mutual Funds									
01900T BD 6	ARROWSTREET INTL EQY ACWI EX US TRST FND.....		03/18/2019.....	ARROWSTREET INTL EQUITY ACWI US TRST FD.....	1,393,663.480	150,000,000	XXX		U.....
464287 23 4	ISHARES MSCI EMERGING MKT INDEX ETF.....		02/12/2019.....	COWEN.....	840,000.000	35,333,594	XXX		L.....
464288 24 0	ISHARES MSCI ACWI EX US ETF.....		02/12/2019.....	COWEN.....	2,010,000.000	89,605,007	XXX		L.....
922042 77 5	VANGUARD FTSE ALL WORLD EX-U.....		01/30/2019.....	COWEN.....	1,640,000.000	79,668,302	XXX		L.....
9299999	Total - Common Stocks - Mutual Funds.....					354,606,903	XXX	0	XXX.....
9799997	Total - Common Stocks - Part 3.....					486,075,827	XXX	0	XXX.....
9799999	Total - Common Stocks.....					486,075,827	XXX	0	XXX.....
9899999	Total - Preferred and Common Stocks.....					486,075,827	XXX	0	XXX.....
9999999	Total - Bonds, Preferred and Common Stocks.....					1,194,290,589	XXX	3,476,868	XXX.....

QE04.13

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

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)
Bonds - U.S. Government																					
36179N	LF 3		03/01/2019	MORTGAGE PAYDOWN.....		127,141	127,141	135,345	127,226		(85)		(85)		127,141			0	936	08/20/2043	1.....
36179Q	6P 1		03/01/2019	MORTGAGE PAYDOWN.....		170,952	170,952	180,007	171,048		(96)		(96)		170,952			0	1,001	03/20/2045	1.....
36179Q	RZ 6		03/01/2019	MORTGAGE PAYDOWN.....		206,911	206,911	221,894	206,961		(50)		(50)		206,911			0	1,321	10/20/2044	1.....
36179Q	YR 6		03/01/2019	MORTGAGE PAYDOWN.....		311,514	311,514	321,892	311,561		(47)		(47)		311,514			0	1,505	01/20/2045	1.....
36181G	DG 1		03/01/2019	MORTGAGE PAYDOWN.....		536,573	536,573	541,477	536,622		(49)		(49)		536,573			0	3,052	06/20/2043	1.....
36186N	WN 5		03/15/2019	MORTGAGE PAYDOWN.....		127,251	127,251	129,091	127,258		(7)		(7)		127,251			0	636	08/15/2045	1.....
36200Q	2T 0		03/01/2019	MORTGAGE PAYDOWN.....		27,765	27,765	28,366	27,771		(6)		(6)		27,765			0	457	02/15/2032	1.....
36200Q	JJ 4		03/01/2019	MORTGAGE PAYDOWN.....		1,699	1,699	1,756	1,700				0		1,699			0	20	03/15/2032	1.....
36201M	2F 8		03/01/2019	MORTGAGE PAYDOWN.....		4,918	4,918	5,088	4,919		(1)		(1)		4,918			0	58	05/15/2032	1.....
36202C	6Y 4		03/01/2019	MORTGAGE PAYDOWN.....		3,933	3,933	3,943	3,932		1		1		3,933			0	44	12/20/2028	1.....
36204J	NZ 5		03/01/2019	MORTGAGE PAYDOWN.....		2,917	2,917	2,646	2,914		4		4		2,917			0	34	02/15/2024	1.....
36209D	H9 8		03/01/2019	MORTGAGE PAYDOWN.....		234	234	230	234				0		234			0	2	02/15/2029	1.....
912828	5S 5		02/06/2019	IMPACT SECURITI.....		999,609	1,000,000	999,414			18		18		999,432		178	178	2,555	12/31/2020	1.....
912828	R7 7		02/06/2019	BANK OF AMER.....		1,072,500	1,100,000	1,071,039			724		724		1,071,763		737	737	2,826	05/31/2021	1.....
912828	RC 6		03/06/2019	WELLS FARGO.....		9,906,641	10,000,000	9,932,578	9,974,829		1,650		1,650		9,976,480		(69,839)	(69,839)	117,990	08/15/2021	1.....
0599999	Total - Bonds - U.S. Government.....					13,500,558	13,621,808	13,574,766	11,496,975	0	2,056	0	2,056	0	13,569,483	0	(68,924)	(68,924)	132,437	XXX	XXX
Bonds - All Other Government																					
013051	DG 9		03/08/2019	BMO CAPITAL.....		7,120,820	7,000,000	7,152,320	7,116,430		(5,456)		(5,456)		7,110,974		9,846	9,846	42,547	12/15/2022	1FE.....
110709	GF 3		02/12/2019	DESJARDIN.....		6,287,880	6,000,000	6,404,700	6,323,283		(7,500)		(7,500)		6,315,783		(27,903)	(27,903)	31,463	12/18/2023	1FE.....
135087	B4 5		02/12/2019	RBC DEXIA.....		10,333,600	10,000,000	10,367,800	10,302,563		(6,433)		(6,433)		10,296,130		37,470	37,470	51,370	06/01/2024	1FE.....
135087	D5 0		02/05/2019	DESJARDIN.....		20,439,200	20,000,000	20,223,550	20,219,275		(3,179)		(3,179)		20,216,095		223,105	223,105	83,836	06/01/2025	1FE.....
135087	E6 7		02/05/2019	DESJARDIN.....		5,350,950	5,500,000	5,363,600	5,379,237		1,552		1,552		5,380,789		(29,839)	(29,839)	15,370	06/01/2026	1FE.....
135087	H2 3		03/06/2019	BMO CAPITAL.....		2,745,630	2,700,000	2,697,192	2,697,204		62		62		2,697,266		48,364	48,364	14,351	06/01/2028	1FE.....
135087	H4 9		02/05/2019	VARIOUS.....		37,096,116	37,300,000	36,597,860	36,652,186		12,476		12,476		36,664,662		431,454	431,454	267,362	03/01/2023	1FE.....
135087	J4 7		02/12/2019	RBC DEXIA.....		2,007,080	2,000,000	1,999,200	1,999,227		55		55		1,999,282		7,798	7,798	11,507	11/01/2020	1FE.....
135087	J6 2		03/06/2019	BMO CAPITAL.....		16,174,400	16,000,000	16,150,560			(419)		(419)		16,150,141		24,259	24,259	34,521	02/01/2021	1FE.....
13509P	FR 9		02/12/2019	T D SECURITIES.....		9,767,600	10,000,000	9,620,900	9,693,301		12,203		12,203		9,705,504		62,096	62,096	19,219	12/15/2021	1FE.....
13509P	FY 4		02/12/2019	HSBC.....		5,941,920	6,000,000	5,846,760	5,859,971		4,721		4,721		5,864,692		77,228	77,228	17,548	06/15/2022	1FE.....
74814Z	EX 7		03/07/2019	CHARLES SHWAB.....		6,060,300	6,000,000	5,988,780			150		150		5,988,930		71,370	71,370	79,110	09/01/2026	1FE.....
EF2442	52 5		03/15/2019	MATURITY.....		12,726,002	12,726,002	15,054,125	13,323,332		(80,766)		(80,766)		12,726,002		(943,322)	(943,322)	335,762	03/15/2019	1FE.....
1099999	Total - Bonds - All Other Government.....					142,051,498	141,226,002	143,467,347	119,566,009	0	(72,534)	0	(72,534)	(943,322)	141,116,250	0	935,248	935,248	1,003,966	XXX	XXX
Bonds - U.S. States, Territories and Possessions																					
13063D	BN 7		01/23/2019	BARCLAYS.....		4,537,530	3,760,000	4,532,342			(3,787)		(3,787)		4,528,555		8,976	8,976	43,867	11/01/2026	1FE.....
13063D	KB 3		02/20/2019	BANK AMERICA MERRILL.....		4,224,127	3,395,000	4,205,862			(1,671)		(1,671)		4,204,191		19,936	19,936	55,169	10/01/2028	1FE.....
246381	NE 5		03/12/2019	BANK AMERICA MERRILL.....		2,977,455	2,430,000	2,970,918			(3,372)		(3,372)		2,967,546		9,909	9,909	24,638	01/01/2027	1FE.....
246381	NS 3		03/19/2019	CIT GROUP.....		4,127,442	3,365,000	4,118,457			(6,138)		(6,138)		4,112,319		15,123	15,123	11,684	02/01/2027	1FE.....
419792	WY 8		02/21/2019	PERSHING DLJ.....		2,677,234	2,320,000	2,684,356			(108)		(108)		2,684,248		(7,014)	(7,014)	17,400	01/01/2038	1FE.....
594612	DL 4		01/30/2019	WELLS FARGO.....		1,378,175	1,250,000	1,405,975	1,374,568		(3,022)		(3,022)		1,371,546		6,629	6,629	15,625	05/01/2022	1FE.....
60412A	GP 2		02/12/2019	RBC CAP.....		3,079,769	2,585,000	3,072,815			(2,559)		(2,559)		3,070,256		9,513	9,513	4,667	08/01/2025	1FE.....
677522	UU 6		02/27/2019	BARCLAYS.....		2,620,376	2,200,000	2,609,728			(3,974)		(3,974)		2,605,754		14,622	14,622	9,167	08/01/2025	1FE.....
917542	VH 2		02/04/2019	JP MORGAN.....		3,061,840	2,525,000	3,051,311			(1,737)		(1,737)		3,049,574		12,266	12,266	12,274	07/01/2029	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	For 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)
928109 B7 1	VIRGINIA STATE		02/13/2019	BANK AMERICA MERRILL.....		682,446	600,000	708,078	678,160		(2,080)		(2,080)		676,080		6,366	6,366	6,167	06/01/2023	1FE.....
93974D 3V 8	WASHINGTON ST.....		01/08/2019	JP MORGAN.....		3,772,327	3,305,000	3,770,080	3,742,640		(1,029)		(1,029)		3,741,611		30,716	30,716	72,985	02/01/2043	1FE.....
97705M GQ 2	WISCONSIN STATE.....		03/14/2019	GOLDMAN SACHS.....		2,402,041	1,970,000	2,390,359			(1,548)		(1,548)		2,388,811		13,230	13,230	37,485	11/01/2026	1FE.....
1799999	Total - Bonds - U.S. States, Territories & Possessions.....					35,540,762	29,705,000	35,520,281	5,795,368	0	(31,025)	0	(31,025)	0	35,400,491	0	140,272	140,272	311,128	XXX	XXX
Bonds - U.S. Political Subdivisions of States																					
180848 TF 0	CLARK CNTY NEV.....		01/07/2019	MORGAN STANLEY.....		567,528	485,000	593,398	573,257		(284)		(284)		572,973		(5,446)	(5,446)	12,664	07/01/2025	1FE.....
199492 DG 1	COLUMBUS OHIO.....		02/27/2019	PERSHING DLJ.....		1,137,840	1,000,000	1,182,080	1,129,870		(4,624)		(4,624)		1,125,247		12,593	12,593	33,333	07/01/2023	1FE.....
199492 GC 7	COLUMBUS OHIO.....		01/25/2019	MORGAN STANLEY.....		4,392,989	3,860,000	4,591,817	4,399,908		(8,688)		(8,688)		4,391,219		1,769	1,769	87,922	08/15/2023	1FE.....
25476F WD 6	DISTRICT OF COLUMBIA.....		02/11/2019	PERSHING DLJ.....		2,154,276	1,830,000	2,149,536			(73)		(73)		2,149,464		4,812	4,812	18,300	06/01/2036	1FE.....
25476F XR 4	DISTRICT OF COLUMBIA.....		03/19/2019	MORGAN STANLEY.....		4,584,734	3,850,000	4,508,273			(4,715)		(4,715)		4,503,558		81,176	81,176	16,042	10/15/2038	1FE.....
280276 HT 6	EDGERTON WI SCH DIST.....		02/12/2019	BARCLAYS.....		1,765,516	1,475,000	1,759,454					0		1,759,454		6,062	6,062		03/01/2028	1FE.....
349460 Z2 4	FORT WORTH TEX INDPT SCH.....		02/15/2019	ISSUE CALLED at 100.000.....		4,395,000	4,395,000	4,724,845	4,504,153		(3,985)		(3,985)		4,500,167		(105,167)	(105,167)	109,875	02/15/2022	1FE.....
462326 KR 9	IOWA CITY IA CMNTY SCH DIST.....		01/23/2019	RBC CAP.....		2,211,243	1,825,000	2,210,750			(922)		(922)		2,209,829		1,414	1,414	4,309	06/01/2028	1FE.....
57582R QZ 2	MASSACHUSETTS STATE		01/28/2019	WELLS FARGO.....		4,325,740	3,845,000	4,374,380	4,354,845		(4,028)		(4,028)		4,350,816		(25,076)	(25,076)	47,528	11/01/2044	1FE.....
64966J UZ 7	NEW YORK, NY.....		01/18/2019	PERSHING DLJ.....		437,524	400,000	460,256	440,068		(656)		(656)		439,412		(1,888)	(1,888)	9,556	08/01/2022	1FE.....
94766P HZ 7	WEBER CO. S.D.....		01/08/2019	PERSHING DLJ.....		1,050,851	860,000	1,011,523	1,009,931		(347)		(347)		1,009,584		41,268	41,268	5,972	06/15/2029	1FE.....
2499999	Total - Bonds - U.S. Political Subdivisions of States.....					27,023,241	23,825,000	27,566,312	16,412,032	0	(28,322)	0	(28,322)	0	27,011,723	0	11,517	11,517	345,501	XXX	XXX
Bonds - U.S. Special Revenue and Special Assessment																					
010652 BY 0	ALABAMA ST 21ST CTNRY AUTH		01/30/2019	WELLS FARGO.....		854,830	805,000	935,442	867,615		(2,122)		(2,122)		865,494		(10,664)	(10,664)	6,708	06/01/2021	1FE.....
02765U MK 7	AMERICAN MUN PWR OHI.....		01/23/2019	BARCLAYS.....		2,473,854	2,235,000	2,420,617	2,419,543		(416)		(416)		2,419,127		54,727	54,727	49,667	02/15/2037	1FE.....
040649 MC 6	ARIZONA ST TRANSPRTN BRD.....		03/14/2019	MORGAN STANLEY.....		1,906,139	1,640,000	1,940,907	1,899,673		(9,616)		(9,616)		1,890,057		16,082	16,082	58,539	07/01/2024	1FE.....
047870 FA 3	ATLANTA GA WTR & WAS.....		02/21/2019	BARCLAYS.....		2,644,893	2,025,000	2,594,005	2,575,310		(7,390)		(7,390)		2,567,920		76,973	76,973	36,872	11/01/2028	1FE.....
047870 QT 0	ATLANTA GA WTR & WSTWTR		01/09/2019	WELLS FARGO.....		2,699,306	2,375,000	2,701,586	2,691,758		(863)		(863)		2,690,895		8,412	8,412	23,090	11/01/2047	1FE.....
13063C 8T 0	CALIFORNIA ST.....		01/08/2019	BANK AMERICA MERRILL.....		688,062	575,000	671,669	671,149		(167)		(167)		670,982		17,081	17,081	12,698	08/01/2030	1FE.....
139078 CZ 0	CANYONS UT SCH DIST.....		02/12/2019	WELLS FARGO.....		1,858,012	1,575,000	1,850,499			(573)		(573)		1,849,926		8,086	8,086	12,906	06/15/2027	1FE.....
180848 UU 5	CLARK CNTY NEV.....		01/07/2019	BANK AMERICA MERRILL.....		2,532,491	2,155,000	2,587,315	2,535,713		(1,222)		(1,222)		2,534,490		(1,999)	(1,999)	56,269	07/01/2025	1FE.....
19648A WX 9	COLORADO ST HLTH FACS AUTH		02/21/2019	STIEFL-F.....		1,712,393	1,625,000	1,861,145	1,732,910		(7,639)		(7,639)		1,725,271		(12,879)	(12,879)	46,042	02/01/2023	2FE.....
196558 RC 6	COLORADO RIVER TEX M.....		01/30/2019	FIRST-TE.....		1,060,100	1,000,000	1,168,220	1,061,567		(2,530)		(2,530)		1,059,037		1,063	1,063	29,167	01/01/2021	1FE.....
20774Y 7H 4	CONNECTICUT ST HEALT.....		02/27/2019	FIRST-TE.....		2,785,545	2,250,000	2,778,323			(2,915)		(2,915)		2,775,407		10,138	10,138	9,375	07/01/2027	1FE.....
20775C YE 8	CONNECTICUT ST HSG FIN AUTH		02/28/2019	USB SECURITIES.....		835,486	825,000	825,000	825,000				0		825,000		10,486	10,486	8,743	05/15/2033	1FE.....
246343 LG 0	DELAWARE RIV JT TOLL.....		01/16/2019	MORGAN STANLEY.....		1,683,490	1,465,000	1,625,359	1,624,520		(298)		(298)		1,624,222		59,268	59,268	40,084	07/01/2036	1FE.....
25483V UJ 1	DISTRICT OF COLUMBIA.....		02/21/2019	JEFFERIES & CO.....		1,044,811	915,000	1,038,607	1,038,007		(1,620)		(1,620)		1,036,387		8,424	8,424	10,929	10/01/2033	1FE.....
254845 PE 4	DIST OF CLUMBIA WTR & SWR		01/22/2019	RBC CAP.....		3,331,325	2,945,000	3,351,793	3,341,237		(2,344)		(2,344)		3,338,893		(7,568)	(7,568)	46,220	10/01/2049	1FE.....
3128K1 B7 5	FHLMC PC GOLD COM.....		03/01/2019	MORTGAGE PAYDOWN.....		3,238	3,238	3,163	3,237		1		1		3,238		0	0	31	12/01/2030	1.....
3128K2 JM 2	FHLMC PC GOLD COM.....		03/01/2019	MORTGAGE PAYDOWN.....		2,048	2,048	2,000	2,047		0		0		2,048		0	0	18	01/01/2031	1.....
3128K4 YG 4	FHLMC PC GOLD COM.....		03/01/2019	MORTGAGE PAYDOWN.....		740	740	755	740		0		0		740		0	0	8	04/01/2036	1.....
3128K7 4Z 8	FHLMC PC GOLD COM.....		03/01/2019	MORTGAGE PAYDOWN.....		3,155	3,155	3,292	3,156		(1)		(1)		3,155		0	0	37	09/01/2033	1.....
3128K9 F2 5	FHLMC PC GOLD COM.....		03/01/2019	MORTGAGE PAYDOWN.....		2,045	2,045	1,954	2,045		0		0		2,045		0	0	17	02/01/2036	1.....
3128KD 5D 3	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		500	500	508	500		0		0		500		0	0	5	08/01/2036	1.....
3128KF J3 5	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		1,717	1,717	1,762	1,717		0		0		1,717		0	0	21	10/01/2036	1.....
3128KF L2 4	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		543	543	558	543		0		0		543		0	0	6	10/01/2036	1.....
3128KM UW 3	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		1,630	1,630	1,612	1,630		0		0		1,630		0	0	15	03/01/2037	1.....

QE051

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	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)	
3128KQ HL 3	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		3,213	3,213	3,100	3,213				0		3,213			0	30	05/01/2037	1.....	
3128LX FW 5	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		47,353	47,353	44,046	47,319		34		34		47,353			0	478	12/01/2035	1.....	
3128M7 5T 9	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		44,425	44,425	46,577	44,445		(19)		(19)		44,425			0	439	08/01/2040	1.....	
3128M7 EK 8	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		24,476	24,476	24,020	24,473		3		3		24,476			0	214	02/01/2039	1.....	
3128M8 NC 4	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		64,104	64,104	70,474	64,173		(70)		(70)		64,104			0	487	11/01/2039	1.....	
3128MJ 2M 1	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		168,387	168,387	165,730	168,364		23		23		168,387			0	981	09/01/2047	1.....	
3128MJ B8 2	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		18,370	18,370	18,353	18,370				0		18,370			0	138	06/01/2035	1.....	
3128MJ E8 9	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		26,538	26,538	27,299	26,551		(13)		(13)		26,538			0	203	10/01/2036	1.....	
3128MJ QG 8	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		32,925	32,925	35,261	32,932		(6)		(6)		32,925			0	226	07/01/2041	1.....	
3128MM EC 3	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		3,410	3,410	3,433	3,410				0		3,410			0	34	07/01/2021	1.....	
3128P8 DF 5	FEDERAL NATL MG.....	03/01/2019	MORTGAGE PAYDOWN.....		248,610	248,610	254,126	248,655		(46)		(46)		248,610			0	1,048	10/01/2036	1.....	
3128P8 E2 3	FEDERAL NATL MG.....	03/01/2019	MORTGAGE PAYDOWN.....		168,525	168,525	179,598	168,648		(123)		(123)		168,525			0	875	08/01/2037	1.....	
3128PC DJ 8	FHLMC PC.....	03/01/2019	MORTGAGE PAYDOWN.....		11,191	11,191	11,401	11,195		(5)		(5)		11,191			0	112	01/01/2021	1.....	
3128PC MS 8	FHLMC PC GOLD 15.....	03/01/2019	MORTGAGE PAYDOWN.....		2,158	2,158	2,193	2,159		(1)		(1)		2,158			0	22	02/01/2021	1.....	
3128PC TV 4	FHLMC PC GOLD 15.....	03/01/2019	MORTGAGE PAYDOWN.....		9,681	9,681	9,838	9,684		(3)		(3)		9,681			0	97	03/01/2021	1.....	
3128PC TW 2	FHLMC PC GOLD 15.....	03/01/2019	MORTGAGE PAYDOWN.....		9,359	9,359	9,511	9,362		(3)		(3)		9,359			0	94	03/01/2021	1.....	
3128PH N9 8	FHLMC PC GOLD 15.....	03/01/2019	MORTGAGE PAYDOWN.....		9,877	9,877	10,070	9,881		(4)		(4)		9,877			0	99	01/01/2021	1.....	
3128PH PL 9	FHLMC PC GOLD 15.....	03/01/2019	MORTGAGE PAYDOWN.....		2,911	2,911	2,966	2,912		(1)		(1)		2,911			0	29	01/01/2021	1.....	
3128PY DL 5	FHLMC PC GOLD 15.....	03/01/2019	MORTGAGE PAYDOWN.....		80,879	80,879	84,911	80,920		(41)		(41)		80,879			0	405	02/01/2027	1.....	
31292G 5W 2	FHLMC GOLD PC.....	03/01/2019	MORTGAGE PAYDOWN.....		593	593	595	593				0		593			0	7	09/01/2029	1.....	
31292H AK 0	FHLMC GOLD PC.....	03/01/2019	MORTGAGE PAYDOWN.....		41	41	40	41				0		41			0	1	01/01/2030	1.....	
31292H QN 7	FHLMC PC GOLD CAS.....	03/01/2019	MORTGAGE PAYDOWN.....		3,713	3,713	3,657	3,712		1		1		3,713			0	35	05/01/2032	1.....	
31292K ZP 5	FHLMC PC GOLD CAS.....	03/01/2019	MORTGAGE PAYDOWN.....		205,217	205,217	213,490	205,306		(89)		(89)		205,217			0	1,425	03/01/2040	1.....	
312930 5P 1	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		28,801	28,801	28,795	28,801				0		28,801			0	123	03/01/2039	1.....	
312939 PM 7	FHLMC GOLD PC.....	03/01/2019	MORTGAGE PAYDOWN.....		27,040	27,040	28,414	27,045		(5)		(5)		27,040			0	226	03/01/2040	1.....	
312940 4Q 9	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		211,321	211,321	223,704	211,382		(61)		(61)		211,321			0	2,533	06/01/2040	1.....	
312940 PZ 6	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		104,127	104,127	104,949	104,138		(11)		(11)		104,127			0	702	05/01/2040	1.....	
312941 NL 7	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		36,782	36,782	38,359	36,799		(17)		(17)		36,782			0	261	07/01/2040	1.....	
312944 PJ 4	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		53,539	53,539	56,609	53,554		(15)		(15)		53,539			0	361	12/01/2040	1.....	
31294B 6P 5	FHLMC GOLD PC.....	03/01/2019	MORTGAGE PAYDOWN.....		266	266	265	266				0		266			0	3	01/01/2030	1.....	
31294F PT 7	FHLMC GOLD PC.....	03/01/2019	MORTGAGE PAYDOWN.....		19	19	18	19				0		19			0		05/01/2030	1.....	
31296M 3Z 0	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		20,836	20,836	20,800	20,836				0		20,836			0	174	09/01/2033	1.....	
31296S M3 7	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		8,064	8,064	8,236	8,064		(1)		(1)		8,064			0	74	01/01/2034	1.....	
31296S M5 2	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		4,434	4,434	4,603	4,434		(1)		(1)		4,434			0	44	01/01/2034	1.....	
31297M AQ 1	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		4,015	4,015	4,047	4,015				0		4,015			0	37	03/01/2035	1.....	
31297M XV 5	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		3,698	3,698	3,542	3,697		2		2		3,698			0	31	04/01/2030	1.....	
31297P ME 8	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		503	503	523	503				0		503			0	5	10/01/2034	1.....	
31297T WF 6	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		8,088	8,088	7,733	8,086		2		2		8,088			0	67	09/01/2035	1.....	
31297U SF 8	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		1,572	1,572	1,506	1,572				0		1,572			0	13	10/01/2030	1.....	
31297V Y8 5	FHLMC PC GOLD COM.....	03/01/2019	MORTGAGE PAYDOWN.....		3,701	3,701	3,559	3,700				1		3,701			0	31	11/01/2035	1.....	
31298N FU 4	FHLMC PC GOLD CAS.....	03/01/2019	MORTGAGE PAYDOWN.....		1,098	1,098	929	1,098		186		186		1,098			0	13	05/01/2031	1.....	
31306X 2A 0	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		479,077	479,077	499,744	479,475		(399)		(399)		479,077			0	2,066	10/01/2027	1.....	
31307M 2H 8	FHLMC.....	03/01/2019	MORTGAGE PAYDOWN.....		118,511	118,511	120,919	118,536		(25)		(25)		118,511			0	556	05/01/2030	1.....	

QE052

SCHEDULE D - PART 4

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

QE053

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)
31307P Q5 1	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		146,574	146,574	151,516	146,627		(52)		(52)		146,574			.0	739	11/01/2030	1.....
31307Q RE 9	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		96,995	96,995	101,784	97,044		(49)		(49)		96,995			.0	490	05/01/2031	1.....
31307R 6V 2	FEDERAL NATL MG.....		03/01/2019	MORTGAGE PAYDOWN.....		536,640	536,640	557,016	536,878		(238)		(238)		536,640			.0	2,232	10/01/2031	1.....
31307U EL 8	FREDDIE MAC GOLD.....		03/01/2019	MORTGAGE PAYDOWN.....		357,645	357,645	368,262	357,813		(168)		(168)		357,645			.0	1,798	07/01/2032	1.....
31307V 5J 1	FEDERAL NATL MG.....		03/01/2019	MORTGAGE PAYDOWN.....		206,027	206,027	208,216	206,058		(31)		(31)		206,027			.0	1,179	05/01/2033	1.....
31307V YN 0	FEDERAL NATL MG.....		03/01/2019	MORTGAGE PAYDOWN.....		373,800	373,800	380,458	373,904		(104)		(104)		373,800			.0	2,184	04/01/2033	1.....
31307W 3E 2	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		119,073	119,073	120,878	129,796		(19)		(19)		119,073			.0	542	11/01/2033	1.....
3132GG A2 1	FHLMC PC GOLD PC.....		03/01/2019	MORTGAGE PAYDOWN.....		129,722	129,722	134,607	129,796		(73)		(73)		129,722			.0	784	08/01/2041	1.....
3132GS BF 5	FHLMC PC GOLD PC.....		03/01/2019	MORTGAGE PAYDOWN.....		690,823	690,823	714,030	691,029		(206)		(206)		690,823			.0	2,678	03/01/2042	1.....
3132GV L6 7	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		121,941	121,941	126,552	121,963		(21)		(21)		121,941			.0	659	08/01/2042	1.....
3132HP KK 9	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		36,061	36,061	37,064	36,064		(3)		(3)		36,061			.0	166	11/01/2042	1.....
3132HP NB 6	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		67,890	67,890	70,982	67,899		(10)		(10)		67,890			.0	339	11/01/2042	1.....
3132HQ EG 3	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		53,725	53,725	56,243	53,731		(6)		(6)		53,725			.0	265	12/01/2042	1.....
3132J6 E6 7	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		53,279	53,279	54,719	53,283		(4)		(4)		53,279			.0	267	02/01/2043	1.....
3132J7 K6 8	FHLMC PC GOLD PC.....		03/01/2019	MORTGAGE PAYDOWN.....		45,622	45,622	47,575	45,627		(5)		(5)		45,622			.0	228	03/01/2043	1.....
3132J9 G7 7	FHLMC PC GOLD PC.....		03/01/2019	MORTGAGE PAYDOWN.....		43,724	43,724	45,582	43,730		(6)		(6)		43,724			.0	230	05/01/2043	1.....
3132J9 TD 0	FHLMC PC GOLD PC.....		03/01/2019	MORTGAGE PAYDOWN.....		47,426	47,426	49,086	47,430		(4)		(4)		47,426			.0	279	05/01/2043	1.....
3132QR QE 3	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		37,737	37,737	38,963	37,739		(2)		(2)		37,737			.0	229	07/01/2045	1.....
3132QU RS 4	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		522,016	522,016	539,076	522,213		(198)		(198)		522,016			.0	2,520	12/01/2045	1.....
3132QU UZ 4	FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		100,473	100,473	99,940	100,471		2		2		100,473			.0	368	12/01/2045	1.....
3132WD MZ 4	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		320,346	320,346	337,714	320,493		(147)		(147)		320,346			.0	2,048	05/01/2046	1.....
3132WK KE 7	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		31,621	31,621	32,295	31,622		(1)		(1)		31,621			.0	189	01/01/2047	1.....
3132XS ED 8	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		265,500	265,500	274,409	265,563		(63)		(63)		265,500			.0	1,393	08/01/2047	1.....
3132XS KG 4	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		41,267	41,267	42,737	41,272		(5)		(5)		41,267			.0	203	08/01/2047	1.....
3132XT MS 4	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		103,073	103,073	105,493	103,089		(15)		(15)		103,073			.0	535	10/01/2047	1.....
3132XU NA 9	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		73,195	73,195	75,380	73,209		(14)		(14)		73,195			.0	444	11/01/2047	1.....
3132XW BJ 9	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		54,398	54,398	54,419	54,398				0		54,398			.0	320	01/01/2048	1.....
3132XX GL 7	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		303,407	303,407	300,421	303,373		34		34		303,407			.0	2,195	03/01/2048	1.....
3132XY G8 4	FEDERAL NATL MTG.....		03/01/2019	MORTGAGE PAYDOWN.....		54,805	54,805	56,064	54,815		(9)		(9)		54,805			.0	365	04/01/2048	1.....
3132Y0 4E 7	FHLMC FHLMC.....		03/01/2019	MORTGAGE PAYDOWN.....		68,816	68,816	69,848	68,824		(8)		(8)		68,816			.0	462	07/01/2048	1.....
3136B3 UT 5	FEDERAL NATL MTG.....		02/25/2019	MORTGAGE PAYDOWN.....		136,372	136,372	135,861	136,372		4		4		136,372			.0	461	01/25/2049	1.....
31371H X9 4	FEDERAL NATL MTG.....		02/01/2019	MORTGAGE PAYDOWN.....		5,465	5,465	4,919	5,143		322		322		5,465			.0	16	10/01/2029	1.....
31371J BD 5	FEDERAL NATL MTG.....		02/01/2019	MORTGAGE PAYDOWN.....		2,343	2,343	2,295	2,343				0		2,343			.0	27	02/01/2030	1.....
31371L T9 0	FEDERAL NATL MTG.....		02/01/2019	MORTGAGE PAYDOWN.....		4,601	4,601	4,834	4,605		(4)		(4)		4,601			.0	45	08/01/2019	1.....
31371N MC 6	FNMA PASS-THRU INT 15 Y.....		02/01/2019	MORTGAGE PAYDOWN.....		16,893	16,893	17,353	16,900		(7)		(7)		16,893			.0	198	10/01/2022	1.....
31379R WW 4	FEDERAL NATL MTG.....		02/01/2019	MORTGAGE PAYDOWN.....		370	370	357	370				0		370			.0	4	06/01/2028	1.....
3137BR N7 6	FEDERAL NATL MTG.....		03/15/2019	MORTGAGE PAYDOWN.....		15,803	15,803	15,744			6		6		15,803			.0	56	08/15/2046	1.....
31383T JH 2	FEDERAL NATL MTG.....		02/01/2019	MORTGAGE PAYDOWN.....		1,270	1,270	1,215	1,270				0		1,270			.0	14	09/01/2029	1.....
31385W X8 7	FNMA PASS-THRU LNG 30 Y.....		02/01/2019	MORTGAGE PAYDOWN.....		29,143	29,143	30,495	29,159		(16)		(16)		29,143			.0	294	09/01/2032	1.....
31389F S4 5	FNMA PASS-THRU LNG 30 Y.....		02/01/2019	MORTGAGE PAYDOWN.....		2,084	2,084	2,091	2,084				0		2,084			.0	23	02/01/2032	1.....
3138A7 4J 4	FNMA PASS-THRU LNG 30 Y.....		02/01/2019	MORTGAGE PAYDOWN.....		134,936	134,936	142,998	135,021		(85)		(85)		134,936			.0	842	03/01/2041	1.....
3138AB Z3 6	FNMA PASS-THRU LNG 30 Y.....		02/01/2019	MORTGAGE PAYDOWN.....		72,902	72,902	75,761	72,922		(20)		(20)		72,902			.0	457	04/01/2041	1.....

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)
3138AH	7B 6 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		5,844	5,844	6,237	5,845		(1)		(1)		5,844			.0	.49	07/01/2041	1
3138AS	PL 0 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		187,848	187,848	196,932	187,890		(42)		(42)		187,848			.0	1,257	09/01/2041	1
3138E0	AE 9 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		13,692	13,692	14,503	13,694		(1)		(1)		13,692			.0	.91	01/01/2042	1
3138E2	VY 8 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		15,954	15,954	17,220	15,959		(5)		(5)		15,954			.0	105	12/01/2041	1
3138E5	CL 0 FNMA PASS-THRU INT 15 Y		02/01/2019	MORTGAGE PAYDOWN		82,721	82,721	87,090	82,768		(47)		(47)		82,721			.0	.411	01/01/2027	1
3138ED	WV 9 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		51,820	51,820	54,419	51,827		(6)		(6)		51,820			.0	.303	05/01/2042	1
3138EN	LD 9 FHCHC FHLMC		02/01/2019	MORTGAGE PAYDOWN		144,912	144,912	156,686	144,944		(32)		(32)		144,912			.0	.676	09/01/2044	1
3138EP	2D 5 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		188,811	188,811	198,237	188,909		(97)		(97)		188,811			.0	.897	07/01/2045	1
3138LS	KA 7 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		478,231	478,231	506,402	478,632		(401)		(401)		478,231			.0	3,183	05/01/2042	1
3138LT	Q6 8 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		63,011	63,011	66,831	63,044		(33)		(33)		63,011			.0	.323	06/01/2027	1
3138M7	YZ 2 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		72,718	72,718	77,660	72,732		(14)		(14)		72,718			.0	.424	12/01/2042	1
3138NX	SZ 6 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		205,449	205,449	216,363	205,481		(32)		(32)		205,449			.0	1,371	02/01/2043	1
3138WE	MM 8 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		123,979	123,979	128,590	124,041		(62)		(62)		123,979			.0	.466	05/01/2030	1
3138WK	KB 0 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		219,151	219,151	214,426	219,079		72		72		219,151			.0	1,421	03/01/2037	1
3138WQ	Q5 4 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		39,208	39,208	38,804	39,207		1		1		39,208			.0	.196	05/01/2043	1
3138WV	S7 7 FNMA PASS-THRU INT 15 Y		02/01/2019	MORTGAGE PAYDOWN		213,133	213,133	219,927	213,225		(91)		(91)		213,133			.0	1,060	06/01/2028	1
3138XP	QX 4 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		17,776	17,776	19,300	17,778		(3)		(3)		17,776			.0	.133	02/01/2044	1
3138XP	VH 3 FNMA PASS-THRU INT 15 Y		02/01/2019	MORTGAGE PAYDOWN		32,192	32,192	34,051	32,206		(14)		(14)		32,192			.0	.188	05/01/2029	1
3138Y4	SJ 9 FNMA PASSTHRU AX3220		02/01/2019	MORTGAGE PAYDOWN		362,492	362,492	381,409	362,938		(447)		(447)		362,492			.0	2,083	10/01/2029	1
3138Y6	F3 3 FNMA PASSTHRU AX4685		02/01/2019	MORTGAGE PAYDOWN		4,656	4,656	4,942	4,657						4,656			.0	.31	11/01/2044	1
3138YE	JM 0 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		116,492	116,492	119,085	116,517		(25)		(25)		116,492			.0	.453	06/01/2030	1
3138YJ	Z3 3 FNMA PASSTHRU AY5261		02/01/2019	MORTGAGE PAYDOWN		241,907	241,907	253,511	241,979		(72)		(72)		241,907			.0	2,045	04/01/2045	1
3138YJ	ZJ 8 FNMA PASSTHRU AY5244		02/01/2019	MORTGAGE PAYDOWN		220,768	220,768	231,591	220,823		(55)		(55)		220,768			.0	1,279	03/01/2045	1
3138YJ	ZX 7 FNMA PASSTHRU AY5257		02/01/2019	MORTGAGE PAYDOWN		20,011	20,011	20,971	20,014		(3)		(3)		20,011			.0	.117	04/01/2045	1
3138YK	WE 9 FHCHC FHLMC		02/01/2019	MORTGAGE PAYDOWN		271,409	271,409	280,993	271,453		(44)		(44)		271,409			.0	1,576	05/01/2045	1
3138YU	UG 4 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		36,383	36,383	38,663	36,389		(6)		(6)		36,383			.0	.243	07/01/2045	1
3138YU	UU 3 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		17,906	17,906	19,121	17,908		(2)		(2)		17,906			.0	.118	10/01/2045	1
3138YW	LC 9 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		705,476	705,476	749,238	707,138		(1,661)		(1,661)		705,476			.0	5,541	07/01/2045	1
31390F	4E 6 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		2,805	2,805	2,900	2,806		(1)		(1)		2,805			.0	.34	05/01/2032	1
31390G	CE 5 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		1,207	1,207	1,248	1,207						1,207			.0	.14	05/01/2032	1
31390J	3P 4 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		983	983	1,049	984		(1)		(1)		983			.0	.12	07/01/2032	1
31391Q	JP 0 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		13,381	13,381	13,766	13,384		(3)		(3)		13,381			.0	.115	11/01/2032	1
31396W	3U 8 FEDERAL NATL MTG		02/25/2019	MORTGAGE PAYDOWN		135,668	135,668	134,883			5		5		135,668			.0	.407	08/25/2037	1
31398Q	HB 6 FHLMC CMBS		02/25/2019	MORTGAGE PAYDOWN		31,934	31,934	32,251	31,934						31,934			.0	.222	03/25/2020	1
31402E	R7 5 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		3,301	3,301	3,340	3,301						3,301			.0	.28	08/01/2033	1
31402G	R4 7 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		29,796	29,796	30,141	29,799		(3)		(3)		29,796			.0	.30	07/01/2033	1
31402L	QU 9 FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		10,443	10,443	10,564	10,444		(1)		(1)		10,443			.0	.93	08/01/2033	1
31403F	PK 4 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		18,901	18,901	19,981	18,909		(8)		(8)		18,901			.0	.151	10/01/2033	1
31403J	W6 9 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		110,669	110,669	113,081	110,696		(27)		(27)		110,669			.0	.545	12/01/2033	1
31403N	GB 7 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		1,450	1,450	1,486	1,450						1,450			.0	.13	11/01/2033	1
31404G	2B 6 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		6,279	6,279	6,452	6,279						6,279			.0	.52	02/01/2019	1
31404M	L4 8 FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		9,037	9,037	9,269	9,038		(1)		(1)		9,037			.0	.83	03/01/2034	1

QE054

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)
31404P	LS 8	FNMA PASS-THRU INT 15 Y	02/01/2019	MORTGAGE PAYDOWN		28,467	28,467	27,711	28,419		48		48		28,467			.0	.212	04/01/2019	1
31404W	TV 8	FNMA PASS-THRU INT 15 Y	02/01/2019	MORTGAGE PAYDOWN		14,301	14,301	14,024	14,283		18		18		14,301			.0	.104	05/01/2019	1
31405R	AM 8	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		47,902	47,902	48,771	47,908		(5)		(5)		47,902			.0	.438	10/01/2034	1
31405R	AN 6	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		4,738	4,738	4,824	4,738				.0		4,738			.0	.44	10/01/2034	1
31405R	G3 4	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		837	837	848	837				.0		837			.0	.8	09/01/2034	1
31406B	F2 1	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		1,623	1,623	1,647	1,623				.0		1,623			.0	.7	01/01/2035	1
31406C	TB 4	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		7,341	7,341	7,462	7,341				.0		7,341			.0	.66	12/01/2034	1
31406E	ML 5	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		150,634	150,634	153,129	150,661		(17)		(17)		150,634			.0	2.035	01/01/2035	1
31406E	Z5 6	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		2,575	2,575	2,531	2,575				.0		2,575			.0	.20	03/01/2035	1
31406K	LR 9	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		6,838	6,838	6,950	6,838				.0		6,838			.0	.63	01/01/2035	1
31406L	JC 3	FED NATL MTG ASSN #813059	02/01/2019	MORTGAGE PAYDOWN		52,803	52,803	51,305	52,788		15		15		52,803			.0	.702	03/01/2035	1
31406M	LG 9	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		8,489	8,489	8,545	8,489				.0		8,489			.0	.79	01/01/2035	1
31407B	HM 4	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		1,842	1,842	1,790	1,842				.0		1,842			.0	.17	06/01/2035	1
31407E	VE 0	FNMA PASS-THRU INT 15 Y	02/01/2019	MORTGAGE PAYDOWN		43,146	43,146	44,029	43,159		(14)		(14)		43,146			.0	.396	07/01/2020	1
31407F	DK 3	FNMA PASS-THRU INT 15 Y	02/01/2019	MORTGAGE PAYDOWN		12,899	12,899	12,215	12,879		20		20		12,899			.0	.96	10/01/2020	1
31407L	MV 6	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		15,190	15,190	15,062	15,189		1		1		15,190			.0	.139	06/01/2035	1
31407S	A2 8	FNMA PASS-THRU LNG 30 Y	02/01/2019	MORTGAGE PAYDOWN		44,383	44,383	42,240	44,284		98		98		44,383			.0	.283	08/01/2035	1
31408H	KX 2	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		4,317	4,317	4,162	4,317				.0		4,317			.0	.39	02/01/2036	1
31409F	E6 1	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		4,029	4,029	3,996	4,029				.0		4,029			.0	.37	03/01/2036	1
31409T	RE 0	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		5,661	5,661	5,484	5,661		1		1		5,661			.0	.52	04/01/2036	1
31409X	5A 3	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		1,552	1,552	1,571	1,553				.0		1,552			.0	.17	05/01/2036	1
3140E5	3K 8	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		537,438	537,438	559,439	537,857		(419)		(419)		537,438			.0	3.281	10/01/2045	1
3140E8	V6 2	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		439,184	439,184	458,982	439,408		(224)		(224)		439,184			.0	3.069	11/01/2045	1
3140EB	MN 8	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		76,898	76,898	81,145	76,910		(12)		(12)		76,898			.0	.456	04/01/2046	1
3140EU	TK 5	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		50,572	50,572	53,017	50,577		(5)		(5)		50,572			.0	.297	01/01/2046	1
3140EW	7A 7	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		176,302	176,302	180,668	176,327		(26)		(26)		176,302			.0	.721	03/01/2046	1
3140EY	XJ 5	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		196,333	196,333	205,873	196,513		(180)		(180)		196,333			.0	.815	04/01/2031	1
3140F0	BP 8	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		217,077	217,077	234,511	217,135		(58)		(58)		217,077			.0	1.627	07/01/2046	1
3140F0	JZ 8	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		336,434	336,434	322,240	336,186		248		248		336,434			.0	1.560	10/25/2031	1
3140F3	6F 0	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		175,590	175,590	179,747	175,613		(23)		(23)		175,590			.0	1.018	06/01/2046	1
3140F5	NN 9	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		138,228	138,228	136,911	138,221		7		7		138,228			.0	.577	07/01/2046	1
3140F8	JK 4	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		460,095	460,095	473,934	460,196		(101)		(101)		460,095			.0	2.294	10/01/2046	1
3140FA	5J 7	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		22,777	22,777	24,446	22,786		(8)		(8)		22,777			.0	.171	06/01/2047	1
3140FB	EK 2	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		182,886	182,886	191,144	182,952		(67)		(67)		182,886			.0	1.373	08/01/2046	1
3140FK	BZ 2	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		109,582	109,582	110,387	109,591		(8)		(8)		109,582			.0	.459	11/01/2031	1
3140FK	JB 7	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		35,858	35,858	35,259	35,856		2		2		35,858			.0	.180	10/01/2046	1
3140FL	N5 3	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		22,167	22,167	21,992	22,166		1		1		22,167			.0	.115	11/01/2046	1
3140FM	BD 7	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		192,807	192,807	184,823	192,743		64		64		192,807			.0	.805	11/25/2036	1
3140FM	R9 9	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		187,148	187,148	185,137	187,135		12		12		187,148			.0	.840	01/01/2047	1
3140FP	2K 4	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		45,242	45,242	43,313	45,231		11		11		45,242			.0	.226	01/01/2047	1
3140FS	C4 3	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		512,816	512,816	526,718	513,023		(207)		(207)		512,816			.0	2.279	04/01/2047	1
3140FS	CJ 0	FEDERAL NATL MTG	02/01/2019	MORTGAGE PAYDOWN		22,813	22,813	24,010	22,817		(4)		(4)		22,813			.0	.152	02/01/2047	1

QE055

SCHEDULE D - PART 4

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

QE056

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)
3140FS CU 5	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		19,919	19,919	20,575	19,922		(3)		(3)		19,919			.0	.116	03/01/2047	1
3140FS DB 6	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		34,309	34,309	35,455	34,314		(5)		(5)		34,309			.0	.200	05/01/2047	1
3140FS MH 3	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		682,401	682,401	717,161	682,499		(98)		(98)		682,401			.0	2,410	08/01/2047	1
3140GR XK 5	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		466,740	466,740	480,851	466,976		(237)		(237)		466,740			.0	2,556	07/01/2032	1
3140GW P5 6	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		26,084	26,084	26,178	26,084		(1)		(1)		26,084			.0	.130	09/01/2047	1
3140H5 T3 5	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		22,503	22,503	23,345	22,512		(9)		(9)		22,503			.0	.184	06/01/2048	1
3140H5 TW 1	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		26,041	26,041	27,066	26,050		(9)		(9)		26,041			.0	.194	06/01/2048	1
3140H5 UF 6	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		17,931	17,931	18,977	17,942		(11)		(11)		17,931			.0	.150	07/01/2048	1
3140HB LY 2	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		47,851	47,851	49,641	47,866		(16)		(16)		47,851			.0	.357	03/01/2048	1
3140HB MQ 8	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		36,287	36,287	36,973	36,292		(5)		(5)		36,287			.0	.244	04/01/2048	1
3140HD HV 9	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		70,263	70,263	71,009	70,266		(3)		(3)		70,263			.0	.485	05/01/2048	1
3140HE HR 6	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		20,150	20,150	20,668	20,154		(4)		(4)		20,150			.0	.135	03/01/2048	1
3140HE HZ 8	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		238,257	238,257	244,288	238,311		(53)		(53)		238,257			.0	1,589	04/01/2048	1
3140HE Q9 6	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		96,400	96,400	100,011	96,449		(50)		(50)		96,400			.0	.898	06/01/2048	1
3140HK ZB 7	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		28,670	28,670	29,826	28,681		(11)		(11)		28,670			.0	.215	07/01/2048	1
3140HL BA 3	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		439,021	439,021	456,307	439,196		(175)		(175)		439,021			.0	3,287	06/01/2048	1
3140HN 5C 2	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		1,205,032	1,205,032	1,259,918	1,207,424		(2,392)		(2,392)		1,205,032			.0	10,258	08/01/2048	1
3140JG WF 8	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		83,552	83,552	87,743	83,571		(19)		(19)		83,552			.0	.626	09/01/2048	1
3140JJ NW 5	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		10,066,822	9,757,810	10,067,315	10,066,823		(1)		(1)		10,066,822			.0	15,889	12/01/2048	1
3140Q7 AB 3	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		329,860	329,860	332,115	329,891		(31)		(31)		329,860			.0	.194	07/01/2037	1
3140Q7 E9 4	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		195,728	195,728	199,581	195,775		(47)		(47)		195,728			.0	1,002	08/01/2037	1
3140Q7 PD 3	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		268,519	268,519	270,952	268,550		(31)		(31)		268,519			.0	.938	09/01/2032	1
3140Q8 KB 0	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		144,895	144,895	141,612	144,873		22		22		144,895			.0	.637	02/01/2048	1
31410E 2N 7	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		367	367	365	367				0		367			.0	.3	07/01/2036	1
31410G PQ 0	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		12,350	12,350	13,208	12,362		(12)		(12)		12,350			.0	.150	11/01/2037	1
31410S 4X 2	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		1,196	1,196	1,216	1,196				0		1,196			.0	.13	09/01/2036	1
31410U GK 2	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		4,475	4,475	4,269	4,474		.1		.1		4,475			.0	.41	03/01/2037	1
31410W 3E 6	FNMA PASS-THRU INT 15 Y		02/01/2019	MORTGAGE PAYDOWN		21,956	21,956	22,553	21,970		(14)		(14)		21,956			.0	.254	09/01/2022	1
31411A JG 1	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		4,499	4,499	4,528	4,499				0		4,499			.0	.44	11/01/2036	1
31411H P7 9	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		3,016	3,016	3,042	3,016				0		3,016			.0	.30	01/01/2037	1
31411N XZ 5	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		3,599	3,599	3,498	3,599				0		3,599			.0	.33	03/01/2037	1
31411W AU 1	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		1,574	1,574	1,586	1,574				0		1,574			.0	.16	04/01/2037	1
31411W FH 5	FNMA PASS-THRU INT 15 Y		02/01/2019	MORTGAGE PAYDOWN		16,383	16,383	16,389	16,383				0		16,383			.0	.164	05/01/2022	1
31412L D2 3	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		7,029	7,029	6,759	7,028		.2		.2		7,029			.0	.67	03/01/2037	1
31412S 4L 6	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		703	703	711	703				0		703			.0	.7	04/01/2038	1
31412S 5T 8	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		1,921	1,921	1,941	1,921				0		1,921			.0	.19	05/01/2038	1
31414U 5K 0	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		2,274	2,274	2,288	2,274				0		2,274			.0	.23	05/01/2038	1
31416R QR 7	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		91,964	91,964	91,950	91,964				0		91,964			.0	.687	06/01/2039	1
31416X LY 4	FNMA PASS-THRU INT 15 Y		02/01/2019	MORTGAGE PAYDOWN		86,796	86,796	92,940	86,951		(155)		(155)		86,796			.0	.542	01/01/2026	1
31416X NA 4	FNMA PASS-THRU LNG 30 Y		02/01/2019	MORTGAGE PAYDOWN		273,731	273,731	279,120	273,760		(29)		(29)		273,731			.0	2,050	02/01/2041	1
31418A SC 3	FNMA PASS-THRU SF30 LTV		02/01/2019	MORTGAGE PAYDOWN		300,951	300,951	308,239	301,025		(75)		(75)		300,951			.0	2,214	04/01/2043	1
31418B S8 0	FEDERAL NATL MTG		02/01/2019	MORTGAGE PAYDOWN		156,201	156,201	166,745	156,343		(142)		(142)		156,201			.0	.940	07/01/2045	1

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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	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)
637432	NB 7		02/04/2019	USBCORP		847,161	850,000	848,844	849,789		23		23		849,812		(2,651)	(2,651)	4,399	11/15/2019	1FE
63934E	AT 5		03/14/2019	VARIOUS		1,041,563	1,050,000	1,058,223	1,018,500	38,849	(25)		38,824		1,057,323		(15,761)	(15,761)	18,357	11/01/2025	4FE
64072T	AE 5		02/19/2019	ISSUE CALLED at 107.594		2,533,839	2,355,000	2,653,178	1,832,933	143	22,255		22,398		2,562,299		(207,299)	(207,299)	315,564	01/15/2023	4FE
64110L	AL 0		02/12/2019	BANK AMERICA MERRILL		265,625	250,000	256,750	252,813	3,581	(105)		3,476		256,289		9,336	9,336	4,855	02/15/2025	3FE
644535	AF 3		02/21/2019	VARIOUS		536,325	595,000	608,169	502,775	100,379	(593)		99,786		602,561		(66,236)	(66,236)	9,720	11/15/2022	5FE
65504L	AP 2		03/12/2019	ISSUE CALLED at 90.500		553,860	612,000	588,383	465,885	126,761	610		127,371		593,257		18,743	18,743	(26,902)	01/15/2024	5FE
67020Y	AD 2		03/04/2019	ISSUE CALLED at 100.000		334,000	334,000	334,000	333,790	210			210		334,000				9,874	08/15/2020	3FE
70014L	AC 4		03/13/2019	BANK AMERICA MERRILL		808,031	821,000	816,044	769,687	46,656	206		46,862		816,549		(8,518)	(8,518)	21,140	03/15/2023	3FE
700677	AR 8		03/05/2019	BARCLAYS		100,000	100,000	104,750	95,500	8,777	(104)		8,673		104,173		(4,173)	(4,173)	2,613	04/15/2027	4FE
701885	AH 8		02/06/2019	MORGAN STANLEY		300,750	300,000	311,250	274,125	35,987	(129)		35,858		309,983		(9,233)	(9,233)	5,297	10/15/2027	4FE
74733V	AD 2		02/15/2019	VARIOUS		456,688	475,000	488,063	396,031	90,777	(165)		90,612		486,643		(29,956)	(29,956)	12,156	03/01/2026	3FE
74736K	AE 1		01/15/2019	VARIOUS		344,375	350,000	350,000	335,125	14,875			14,875		350,000		(5,625)	(5,625)	10,429	07/15/2026	3FE
78573N	AA 0		02/19/2019	BANK AMERICA MERRILL		104,723	102,000	103,775	100,000	1,657	(49)		1,608		103,632		1,091	1,091	1,919	04/15/2023	3FE
78573N	AB 8		02/19/2019	JEFFERIES & CO.		733,457	714,000	712,813	694,489	4,271	29		4,300		712,895		20,562	20,562	9,996	11/15/2023	3FE
806851	AC 5		02/04/2019	MK TAXES SYS		996,040	1,000,000	997,740	999,068		45		45		999,113		(3,073)	(3,073)	18,750	12/21/2020	2FE
82967N	BA 5		01/16/2019	RBC CAP		380,500	400,000	406,500	367,000	38,560	(34)		38,526		405,527		(25,027)	(25,027)	9,278	08/01/2027	3FE
85207U	AE 5		02/21/2019	VARIOUS		813,969	775,000	836,845	795,150	23,724	(2,184)		21,540		816,691		(2,722)	(2,722)	24,710	09/15/2021	4FE
85207U	AF 2		03/18/2019	VARIOUS		762,594	725,000	772,749	745,844	21,030	(1,663)		19,367		765,210		(2,616)	(2,616)	29,258	09/15/2023	4FE
85207U	AJ 4		01/03/2019	CS FIRST		202,000	200,000	220,000	200,500	16,706	(39)		16,667		217,167		(15,167)	(15,167)	6,015	02/15/2025	4FE
87612B	AM 4		01/03/2019	CIT GROUP		196,000	200,000	185,359	190,259		32		32		190,291		5,709	5,709	1,925	05/01/2023	3FE
87927V	AR 9		03/21/2019	VARIOUS		416,269	415,000	502,813	398,400	100,800	(607)		100,193		498,593		(82,324)	(82,324)	19,771	07/18/2036	3FE
87927V	AV 0		02/27/2019	VARIOUS		1,204,125	1,200,000	1,451,855	1,197,756	245,305	(654)		244,651		1,442,407		(238,282)	(238,282)	17,362	06/04/2038	3FE
88033G	CU 2		02/12/2019	BANK AMERICA MERRILL		800,450	816,000	793,537	748,000	30,725	338		31,063		794,623		5,827	5,827	11,937	05/01/2025	4FE
88033G	CW 8		02/12/2019	BARCLAYS		1,104,375	1,150,000	1,153,938	1,068,063	85,436	(59)		85,377		1,153,440		(49,065)	(49,065)	41,172	08/01/2025	5FE
89231T	AE 0		03/15/2019	MORTGAGE PAYDOWN		1,724,465	1,724,465	1,724,252	1,723,568		897		897		1,724,465				4,745	12/15/2020	1FE
893526	8Y 2		01/15/2019	MATURITY		500,000	500,000	499,885	499,999		1		1		500,000				17,813	01/15/2019	2FE
90131H	AA 3		03/20/2019	EXCHANGE		997,934	1,000,000	993,970	996,833		133		133		996,966		968	968	18,778	10/01/2023	1FE
90131H	AE 5		03/20/2019	EXCHANGE		246,984	250,000	244,975	246,647		115		115		246,762		222	222	4,753	09/15/2024	1FE
90131H	AQ 8		03/20/2019	EXCHANGE		257,386	250,000	275,260	257,724		(776)		(776)		256,947		438	438	6,719	02/15/2021	1FE
90131H	AR 6		03/20/2019	EXCHANGE		569,179	575,000	567,709	568,322		372		372		568,694		485	485	8,865	09/15/2022	1FE
90320M	AA 3		02/12/2019	CS FIRST		198,500	200,000	205,500	187,524	16,545	(110)		16,435		203,959		(5,459)	(5,459)	6,241	01/15/2025	3FE
907818	EE 4		01/23/2019	MK TAXES SYS		989,100	1,000,000	999,200	999,756		11		11		999,767		(10,667)	(10,667)	2,250	06/19/2020	1FE
912909	AM 0		02/20/2019	CIT GROUP		196,500	200,000	205,688	184,000	20,822	(166)		20,656		204,656		(8,156)	(8,156)	7,123	08/15/2025	4FE
91911K	AD 4		03/08/2019	VARIOUS		1,844,056	1,845,000	1,833,646	1,801,713	15,693	501		16,194		1,834,929		8,071	8,071	20,322	12/01/2021	4FE
91911K	AN 2		01/03/2019	JP MORGAN		567,000	600,000	613,228	561,750	49,114	(43)		49,071		610,821		(43,821)	(43,821)	6,050	11/01/2025	3FE
92343V	DY 7		03/13/2019	VERIZON COMMUNICATION		853,718	825,000	832,120	831,868		(145)		(145)		831,723		21,996	21,996	16,921	03/16/2027	2FE
92532W	AA 1		03/11/2019	MIZUHO		523,125	500,000	509,006	477,393	10,048	(240)		9,808		506,206		16,919	16,919	13,597	09/30/2024	3FE
947075	AJ 6		01/17/2019	BANK AMERICA MERRILL		294,875	350,000	349,085	264,250	84,899	20		84,919		349,169		(54,294)	(54,294)	2,788	06/15/2021	5FE
962178	AN 9		02/27/2019	BARCLAYS		117,830	121,000	118,762	108,446	11,169	28		11,197		119,643		(1,813)	(1,813)	1,240	06/15/2024	3FE
96926D	AR 1		02/04/2019	JP MORGAN		132,375	150,000	148,823	128,250	20,807	12		20,819		149,069		(16,694)	(16,694)	4,553	01/31/2025	4FE
973147	AD 3		03/07/2019	VARIOUS		345,000	400,000	403,500	331,504	71,243	(113)		71,130		402,634		(57,634)	(57,634)	12,417	01/20/2026	3FE
97381L	AB 4		03/05/2019	VARIOUS		1,112,653	1,222,000	926,297	934,229	17,047	3,722		20,769		954,998		157,655	157,655	34,105	10/31/2025	6FE

QE05.10

SCHEDULE D - PART 4

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

QE05.11

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)
98212B AH 6	WPX ENERGY INC.....		02/14/2019	VARIOUS.....		552,563	550,000	551,500	500,500	50,867	(24)		50,843		551,342		1,220	1,220	6,413	06/01/2026	4FE.....
00889Y AA 9	AIMCO REALTY INVESTORS.....		03/20/2019	RBC DEXIA.....		2,017,315	2,046,000	2,046,000	2,046,000				0		2,046,000		(28,685)	(28,685)	34,105	06/26/2024	1FE.....
06368A AA 8	BANK OF MONTREAL.....		03/04/2019	T D SECURITIES.....		4,476,105	4,500,000	4,467,856	4,471,787		558		558		4,472,345		3,760	3,760	28,960	12/09/2026	1FE.....
097751 BJ 9	BOMBARDIER INC.....		03/01/2019	BARCLAYS.....		769,730	764,000	764,680	706,875	43,921	(263)		43,658		763,903		5,827	5,827	17,827	10/15/2022	4FE.....
23384N AV 9	DAIMLER CANADA FINANCE.....		03/04/2019	RBC DEXIA.....		5,493,756	5,594,000	5,592,434	5,593,192		55		55		5,593,248		(99,492)	(99,492)	70,108	07/08/2021	1FE.....
34527A BL 3	FORD CR CDA LTD.....		03/04/2019	BMO CAPITAL.....		3,007,259	3,032,000	3,052,900	3,041,988		(1,188)		(1,188)		3,040,801		(33,542)	(33,542)	24,219	05/07/2020	2FE.....
34527A BN 9	FORD CREDIT CANADA.....		03/04/2019	T D SECURITIES.....		5,213,775	5,250,000	5,250,000	5,250,000				0		5,250,000		(36,225)	(36,225)	71,894	09/16/2020	2FE.....
34527A BT 6	FORD CREDIT CANADA.....		03/04/2019	SCOTIA.....		3,939,222	4,127,000	4,127,000	4,127,000				0		4,127,000		(187,779)	(187,779)	59,291	02/23/2022	2FE.....
37045Y AC 8	GM FINANCIAL CAD.....		03/04/2019	T D SECURITIES.....		6,832,140	7,000,000	6,851,530	6,890,870		5,358		5,358		6,896,228		(64,088)	(64,088)	47,370	06/01/2022	2FE.....
539481 AL 5	LOBLAW COS LTD.....		03/04/2019	DESJARDIN.....		4,161,240	4,000,000	4,142,360			(1,847)		(1,847)		4,140,513		20,727	20,727	36,926	06/10/2024	2FE.....
68245X AC 3	1011778 B.C. UNLIMIT.....		03/21/2019	JP MORGAN.....		506,175	510,000	509,631	461,655	38,345	12		38,357		509,642		(3,467)	(3,467)	14,840	05/15/2024	4FE.....
683715 AB 2	OPEN TEXT CORP.....		03/19/2019	VARIOUS.....		103,750	100,000	100,250	88,425	1,575	(1)		1,574		100,249		3,501	3,501	1,379	06/01/2026	3FE.....
75585R PY 5	REAL ESTATE ASSET LIQUIDITY.....		03/12/2019	VARIOUS.....		22,083	3	3	3				0		3		22,080	22,080		11/12/2052	1FE.....
878742 AS 4	TECK RESOURCES LTD.....		03/07/2019	BANK AMERICA MERRILL.....		562,403	561,000	568,539	514,250	43,508	(26)		43,482		568,512		(6,109)	(6,109)	19,261	08/15/2040	3FE.....
891145 TT 9	TORONTO DOMINION BK ONT.....		03/04/2019	T D SECURITIES.....		4,125,640	4,000,000	4,173,640	4,142,301		(4,203)		(4,203)		4,138,098		(12,458)	(12,458)	79,015	07/24/2024	1FE.....
896356 AE 2	TRINIDAD DRILLING LT.....		02/14/2019	CORPORATE REORG.....		507,500	500,000	491,363	492,193		126		126		492,319		7,681	7,681	23,970	02/15/2025	4FE.....
918423 AS 3	VW CR CDA INC.....		03/04/2019	HSBC.....		7,653,600	7,500,000	7,511,090	7,510,784		(451)		(451)		7,510,333		143,267	143,267	85,911	11/14/2022	2FE.....
91911K AE 2	VALEANT PHARMACEUTIC.....		03/08/2019	ISSUE CALLED at 100.000.....		285,000	285,000	276,169	260,900	15,418	373		15,791		276,691		8,309	8,309	8,273	03/01/2023	4FE.....
151290 BU 6	CEMEX SAB DE CV.....	D	02/11/2019	VARIOUS.....		701,425	650,000	663,044	662,984		(150)		(150)		662,834		38,591	38,591	15,123	04/16/2026	3FE.....
25382D AA 4	DIGICEL GROUP ONE LT.....	D	01/18/2019	VARIOUS.....		1,703,277	1,852,000	1,839,375	1,259,360	582,407	156		582,563		1,841,923		(138,646)	(138,646)	14,598	12/30/2022	5FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					120,179,568	121,614,861	122,480,458	112,192,880	3,820,046	33,946	0	3,853,992	0	122,126,785	0	(2,092,253)	(2,092,253)	2,277,067	XXX	XXX
Bonds - SVO Identified Funds																					
381430 45 3	GOLDMAN SACHS ACCESS HY.....		03/06/2019	BANK AMERICA MERRILL.....		71,565,000	3,424,315	3,432,615	3,290,265	142,350			142,350		3,432,615		(8,300)	(8,300)	20,511		4.....
464288 51 3	ISHARES IBOX HIGH YIELD CORP.....		03/06/2019	VARIOUS.....		116,500,000	9,918,090	9,806,853	9,448,150	358,703			358,703		9,806,853		111,237	111,237	109,601		4.....
8199999	Total - Bonds - SVO Identified Funds.....					13,342,405	0	13,239,468	12,738,415	501,053	0	0	501,053	0	13,239,468	0	102,937	102,937	130,112	XXX	XXX
Bonds - Bank Loans																					
BL1316 05 0	SHEARER'S FOODS LLC.....		12/31/2018	VARIOUS.....		12,889	12,889	12,953	11,858	1,059			1,059		12,917		(28)	(28)	101	06/30/2022	5FE.....
BL2287 17 7	TEAM HEALTH.....		12/31/2018	VARIOUS.....		875	875	873	780	93			93		873		2	2	2,409	02/06/2024	4FE.....
BL2360 99 0	INFOR US INC.....		03/05/2019	GOLDMAN SACHS.....		835,839	836,885	839,797	800,665	38,534	(138)		38,396		839,061		(3,222)	(3,222)	18,440	02/01/2022	4FE.....
BL2440 67 7	FIRST DATA CORP.....		01/18/2019	GOLDMAN SACHS.....		66,525	66,525	66,442	63,781	2,689	1		2,690		66,470		55	55		07/10/2022	3FE.....
BL2482 05 9	HD SUPPLY WATERWORKS, LTD.....		02/01/2019	GOLDMAN SACHS.....		1,188	1,188	1,185	1,145	40			40		1,185		2	2		08/01/2024	4FE.....
BL2543 54 6	NUMERICABLE U.S. LLC.....		01/15/2019	GOLDMAN SACHS.....		1,382	1,382	1,361	1,280	83			83		1,363		19	19	7	01/31/2026	4FE.....
BL2640 30 0	SS&C TECH HOLDINGS INC.....		02/28/2019	VARIOUS.....		605,993	612,915	611,382	577,016	34,516	18		34,534		611,550		(5,556)	(5,556)	3,355	02/28/2025	3FE.....
BL2641 45 6	SS&C TECH HOLDINGS INC.....		02/28/2019	VARIOUS.....		229,352	232,008	231,428	218,420	13,078	7		13,085		231,504		(2,152)	(2,152)	1,260	02/28/2025	3FE.....
BL2651 41 4	TITAN ACQUISITION LTD.....		12/31/2018	VARIOUS.....		1,625	1,625	1,621	1,482	139			139		1,621		4	4	7	03/16/2025	4FE.....
BL2696 04 7	MICROCHIP.....		03/15/2019	GOLDMAN SACHS.....		150,819	150,819	150,819	142,649	8,170			8,170		150,819		0	0	1,269	05/24/2025	3FE.....
8299999	Total - Bonds - Bank Loans.....					1,906,487	1,917,111	1,917,861	1,819,076	98,401	(112)	0	98,289	0	1,917,363	0	(10,876)	(10,876)	26,848	XXX	XXX
8399997	Total - Bonds - Part 4.....					545,571,725	505,640,057	553,601,407	397,270,284	4,419,500	(273,329)	0	4,146,171	(943,322)	546,249,242	0	(822,561)	(822,561)	6,443,495	XXX	XXX
8399999	Total - Bonds.....					545,571,725	505,640,057	553,601,407	397,270,284	4,419,500	(273,329)	0	4,146,171	(943,322)	546,249,242	0	(822,561)	(822,561)	6,443,495	XXX	XXX
Common Stocks - Industrial and Miscellaneous																					
002824 10 0	ABBOTT LABS.....		01/03/2019	SANFORD BERNST.....		87,000,000	5,807,905	3,221,693	6,292,710	(3,071,017)			(3,071,017)		3,221,693		2,586,212	2,586,212		XXX	L.....
00766T 10 0	AECOM TECHNOLOGY CORP DEL.....		03/21/2019	SANFORD BERNST.....		6,310,000	189,989	165,416	167,215	(1,799)			(1,799)		165,416		24,573	24,573		XXX	L.....

FACTORY MUTUAL INSURANCE COMPANY

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)
594918	10 4		03/13/2019	VARIOUS.....	190,000.000	21,572,174	XXX	19,394,139	19,298,300	95,839			95,839		19,394,139		2,178,035	2,178,035	87,400	XXX	L.....
609207	10 5		02/05/2019	EVERCORE.....	40,000.000	1,842,444	XXX	1,800,768	1,601,200	199,568			199,568		1,800,768		41,676	41,676	10,400	XXX	L.....
62886E	10 8		02/27/2019	SANFORD BERNST.....	3,528.000	99,308	XXX	81,426	81,426				0		81,426		17,881	17,881		XXX	L.....
68389X	10 5		03/12/2019	VARIOUS.....	553,200.000	28,601,211	XXX	24,734,356	24,976,980	(242,624)			(242,624)		24,734,356		3,866,855	3,866,855	105,108	XXX	L.....
688239	20 1		03/06/2019	SANFORD BERNST.....	2,024.000	157,487	XXX	137,938	124,091	13,847			13,847		137,938		19,549	19,549	546	XXX	L.....
69349H	10 7		03/07/2019	SANFORD BERNST.....	3,173.000	141,335	XXX	50,695	130,379	(79,683)			(79,683)		50,695		90,640	90,640	920	XXX	L.....
718172	10 9		01/30/2019	COWEN.....	158,000.000	11,775,476	XXX	8,836,516	10,548,080	(1,711,564)			(1,711,564)		8,836,516		2,938,960	2,938,960	180,120	XXX	L.....
742718	10 9		01/22/2019	VARIOUS.....	50,000.000	4,522,891	XXX	2,993,440	4,596,000	(1,602,560)			(1,602,560)		2,993,440		1,529,451	1,529,451	35,860	XXX	L.....
74733V	10 0		01/11/2019	SANFORD BERNST.....	15,431.000	131,457	XXX	149,063	86,877	62,187			62,187		149,063		(17,607)	(17,607)		XXX	L.....
758750	10 3		03/06/2019	SANFORD BERNST.....	1,708.000	139,462	XXX	143,376	119,645	23,731			23,731		143,376		(3,914)	(3,914)	478	XXX	L.....
759351	60 4		01/09/2019	SANFORD BERNST.....	1,355.000	194,207	XXX	195,205	190,012	5,193			5,193		195,205		(998)	(998)		XXX	L.....
78469X	10 7		03/04/2019	SANFORD BERNST.....	11,257.000	382,535	XXX	288,663	342,438	(53,775)			(53,775)		288,663		93,871	93,871		XXX	L.....
78470V	10 8		01/30/2019	SANFORD BERNST.....	79,360.000	377,189	XXX	530,499	372,992	157,507			157,507		530,499		(153,309)	(153,309)		XXX	L.....
801056	10 2		01/07/2019	SANFORD BERNST.....	8,880.000	214,481	XXX	233,029	213,653	19,376			19,376		233,029		(18,548)	(18,548)		XXX	L.....
830566	10 5		03/19/2019	SANFORD BERNST.....	2,818.000	93,471	XXX	80,744	64,504	16,240			16,240		80,744		12,727	12,727		XXX	L.....
848574	10 9		02/20/2019	EVERCORE.....	60,000.000	5,841,260	XXX	5,294,303	4,325,400	968,903			968,903		5,294,303		546,957	546,957	7,200	XXX	L.....
855244	10 9		01/23/2019	CITIGROUP.....	130,000.000	8,613,545	XXX	4,534,783	8,372,000	(3,837,218)			(3,837,218)		4,534,783		4,078,762	4,078,762		XXX	L.....
882508	10 4		01/03/2019	COWEN.....	32,900.000	2,969,305	XXX	1,695,448	3,109,050	(1,413,602)			(1,413,602)		1,695,448		1,273,857	1,273,857		XXX	L.....
90130A	10 1		03/20/2019	SPINOFF.....	863,900.000	46,248,920	XXX	28,527,161	41,570,868	(13,043,707)			(13,043,707)		28,527,161		17,721,759	17,721,759		XXX	L.....
902973	30 4		03/21/2019	VARIOUS.....	319,500.000	15,671,132	XXX	11,894,540	14,601,150	(2,706,610)			(2,706,610)		11,894,540		3,776,592	3,776,592	118,215	XXX	L.....
90384S	30 3		03/12/2019	ALEX BROWN.....	41,000.000	12,581,576	XXX	10,185,111	10,038,440	146,671			146,671		10,185,111		2,396,465	2,396,465		XXX	L.....
912008	10 9		01/09/2019	SANFORD BERNST.....	2,680.000	88,555	XXX	103,769	84,795	18,973			18,973		103,769		(15,213)	(15,213)		XXX	L.....
92343X	10 0		03/19/2019	SANFORD BERNST.....	4,445.000	234,904	XXX	195,504	188,068	7,436			7,436		195,504		39,401	39,401		XXX	L.....
92532F	10 0		02/06/2019	VARIOUS.....	56,000.000	10,358,611	XXX	4,537,293	9,279,760	(4,763,095)			(4,763,095)		4,516,666		5,841,946	5,841,946		XXX	L.....
929740	10 8		02/25/2019	FRACTIONAL SHARE.....	0.850	64	XXX	46	46				0		46		18	18		XXX	L.....
949746	10 1		03/21/2019	VARIOUS.....	458,800.000	22,017,224	XXX	26,632,555	21,141,504	5,491,051			5,491,051		26,632,555		(4,615,330)	(4,615,330)	145,710	XXX	L.....
958102	10 5		01/03/2019	VARIOUS.....	245,300.000	9,200,107	XXX	9,068,741	9,068,741				0		9,068,741		131,366	131,366	122,650	XXX	L.....
96145D	10 5		01/16/2019	USB SECURITIES.....	49.000	1,983	XXX	1,850	1,850				(1,850)		1,850		1,983	1,983		XXX	L.....
989701	10 7		01/30/2019	SANFORD BERNST.....	1,876.000	90,696	XXX	101,813	76,428	25,385			25,385		101,813		(11,118)	(11,118)		XXX	L.....
G0177J	10 8		01/31/2019	VARIOUS.....	192,000.000	28,101,018	XXX	30,067,200	25,662,720	4,404,480			4,404,480		30,067,200		(1,966,182)	(1,966,182)		XXX	L.....
G3198U	10 2		03/21/2019	SANFORD BERNST.....	6,251.000	277,898	XXX	231,259	213,659	17,600			17,600		231,259		46,639	46,639		XXX	L.....
G3922B	10 7		03/20/2019	SANFORD BERNST.....	14,872.000	473,952	XXX	429,589	401,395	28,194			28,194		429,589		44,363	44,363	539	XXX	L.....
G5960L	10 3		03/15/2019	VARIOUS.....	125,100.000	11,404,766	XXX	9,887,207	11,379,096	(1,491,889)			(1,491,889)		9,887,207		1,517,559	1,517,559	62,550	XXX	L.....
Y2573F	10 2		03/14/2019	COWEN.....	870,500.000	8,721,511	XXX	6,624,505	6,624,505				0		6,624,505		2,097,006	2,097,006		XXX	L.....
11135F	10 1		03/15/2019	VARIOUS.....	37,000.000	9,448,034	XXX	9,370,950	9,408,360	(37,411)			(37,411)		9,370,950		77,085	77,085	98,050	XXX	L.....
G3223R	10 8		01/09/2019	SANFORD BERNST.....	821.000	175,230	XXX	205,558	178,781	26,777			26,777		205,558		(30,328)	(30,328)		XXX	L.....
G4705A	10 0		01/09/2019	SANFORD BERNST.....	2,060.000	262,141	XXX	136,474	266,173	(129,699)			(129,699)		136,474		125,667	125,667		XXX	L.....
M51363	11 3		01/09/2019	SANFORD BERNST.....	4,550.000	385,912	XXX	214,384	420,329	(205,945)			(205,945)		214,384		171,528	171,528		XXX	L.....
9099999				Total - Common Stocks - Industrial and Miscellaneous.....		613,812,889	XXX	451,225,955	548,688,084	(97,482,831)	54	0	(97,482,777)	0	451,205,355	0	162,607,536	162,607,536	2,062,440	XXX	XXX
30277@	10 1		02/25/2019	FVIC HOLDINGS, INC.....		223,498	XXX	223,498	223,498				0		223,498					XXX	K.....
9199999				Total - Common Stocks - Parent, Subsidiaries and Affiliates.....		223,498	XXX	223,498	223,498	0	0	0	0	0	223,498	0				XXX	XXX

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	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)
Common Stocks - Mutual Funds																					
464287 50 7	ISHARES CORE S&P MIDCAP ETF		01/16/2019	COWEN.....	227,400.000	40,331,367	XXX	36,851,003	37,762,044	(911,041)			(911,041)		36,851,003		3,480,364	3,480,364	105,841	XXX	L.....
464287 80 4	ISHARES CORE S&P SMALL-CAP ETF....		01/16/2019	COWEN.....	204,400.000	15,201,807	XXX	13,946,790	14,169,008	(222,218)			(222,218)		13,946,790		1,255,017	1,255,017	65,694	XXX	L.....
922042 77 5	VANGUARD FTSE ALL WORLD EX-U.....		03/20/2019	COWEN.....	1,480,000.000	74,853,727	XXX	71,453,430	23,701,600	1,329,352			1,329,352		71,453,430		3,400,297	3,400,297	231,972	XXX	L.....
9299999	Total - Common Stocks - Mutual Funds.....					130,386,901	XXX	122,251,223	75,632,652	196,093	0	0	196,093	0	122,251,223	0	8,135,678	8,135,678	403,507	XXX	XXX
9799997	Total - Common Stocks - Part 4.....					744,423,288	XXX	573,700,676	624,544,234	(97,286,738)	54	0	(97,286,684)	0	573,680,076	0	170,743,214	170,743,214	2,465,947	XXX	XXX
9799999	Total - Common Stocks.....					744,423,288	XXX	573,700,676	624,544,234	(97,286,738)	54	0	(97,286,684)	0	573,680,076	0	170,743,214	170,743,214	2,465,947	XXX	XXX
9899999	Total - Preferred and Common Stocks.....					744,423,288	XXX	573,700,676	624,544,234	(97,286,738)	54	0	(97,286,684)	0	573,680,076	0	170,743,214	170,743,214	2,465,947	XXX	XXX
9999999	Total - Bonds, Preferred and Common Stocks.....					1,289,995,013	XXX	1,127,302,083	1,021,814,518	(92,867,238)	(273,275)	0	(93,140,513)	(943,322)	1,119,929,318	0	169,920,653	169,920,653	8,909,442	XXX	XXX

(a) For all common stock bearing the NAIC market indicator "U" provide: the number of such issues:0.

QE05.14

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)						
000000 00 0	BARCLAYS BANK PLC.....	C.....		1,100,000	1,100,000	03/25/2019.....
30601W S7 5	FAIRWAY FINANCE CORP.....	C.....		993,356	993,356	05/07/2019.....
60683B QD 8	MIT UFJ TR NY.....	C.....		1,000,015	1,000,015	06/13/2019.....
000000 00 0	HSBC SECURITIES,INC.....	C.....		7,000,000	7,000,000	03/25/2019.....
000000 00 0	BNP Paribas Paris.....	C.....		5,000,000	5,000,000	05/28/2019.....
000000 00 0	DEUTSCHE BANK SECURITIES INC.....	C.....		4,407,686	4,407,686	03/25/2019.....
000000 00 0	SOCIETE GENERALE NY BRANCH.....	C.....		3,000,000	3,000,000	03/25/2019.....
000000 00 0	PERSHING LLC.....	C.....		3,000,000	3,000,000	03/25/2019.....
000000 00 0	BANK OF AMERICA N.A.....	C.....		3,000,000	3,000,000	03/25/2019.....
86564F RD 7	SUMITOMO MITSUI TRUST BANK LTD,NY.....	C.....		2,001,664	2,001,664	04/23/2019.....
000000 00 0	DEN NORSKE BANK OSLO.....	C.....		1,800,000	1,800,000	03/25/2019.....
000000 00 0	UNITED OF OMAHA LIFE INSURANCE.....	C.....		1,500,000	1,500,000	04/22/2019.....
000000 00 0	AUSTRALIA NEW ZEALAND LONDON.....	C.....		1,100,000	1,100,000	03/25/2019.....
000000 00 0	OP Corporate Bank plc.....	C.....		1,000,000	1,000,000	04/25/2019.....
000000 00 0	BRED BANQUE POPULAIRE.....	C.....		1,100,000	1,100,000	03/25/2019.....
000000 00 0	UNITED OVERSEAS BANK LTD, NY.....	C.....		1,000,000	1,000,000	05/02/2019.....
16706C CA 2	THE CHIBA BANK LTD NEW YORK BRANCH.....	C.....		1,000,000	1,000,000	06/05/2019.....
16706C CE 4	THE CHIBA BANK LTD NEW YORK BRANCH.....	C.....		1,000,000	1,000,000	06/06/2019.....
000000 00 0	NATIXIS FINANCIAL PRODUCTS LLC.....	C.....		1,000,000	1,000,000	04/26/2019.....
000000 00 0	BANK OF MONTREAL, LONDON.....	C.....		1,000,000	1,000,000	03/26/2019.....
82124M TQ 3	SHEFFIELD RECEIVABLE CORP.....	C.....		986,779	986,779	06/24/2019.....
22549L LJ 2	CREDIT SUISSE NY.....	C.....		1,000,000	1,000,000	04/01/2019.....
000000 00 0	LANDESBANK BADEN WUERTTEMBERG, STUT.....	C.....		1,000,000	1,000,000	03/25/2019.....
000000 00 0	SHIZUOKA BANK NEW YORK.....	C.....		1,000,000	1,000,000	05/06/2019.....
89233H VV 3	TOYOTA MOTOR CREDIT CORP.....	C.....		987,118	987,118	08/29/2019.....
000000 00 0	ROYAL BANK OF CANADA LONDON.....	C.....		900,000	900,000	03/25/2019.....
000000 00 0	NATIONAL AUSTRALIA BANK LONDON.....	C.....		900,000	900,000	03/25/2019.....
000000 00 0	NATIONAL BANK OF CANADA LONDON.....	C.....		900,000	900,000	03/25/2019.....
000000 00 0	STANDARD CHARTERED LONDON.....	C.....		800,000	800,000	03/25/2019.....
000000 00 0	SKANDANAVISKA ENSKILDA BANKEN.....	C.....		800,000	800,000	03/25/2019.....
000000 00 0	RABOBANK NETHERLANDS.....	C.....		700,000	700,000	03/25/2019.....
9199999. Total - Cash Equivalents (Schedule E Part 2 Type).....				51,976,618	51,976,618	XXX
9999999. Totals.....				51,976,618	51,976,618	XXX

General Interrogatories:

- The activity for the year: Fair Value \$.....7,126,442 Book/Adjusted Carrying Value \$.....7,126,442
- Average balance for the year: Fair Value \$.....46,483,103 Book/Adjusted Carrying Value \$.....46,483,103
- Reinvested securities lending collateral assets book/adjusted carrying value included in this schedule by NAIC designation:
 NAIC 1: \$.....51,976,618 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 CUSIP Identification	2 Description	3 Code	4 NAIC Designation and Administrative Symbol / Market Indicator	5 Fair Value	6 Book/Adjusted Carrying Value	7 Maturity Date
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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 of 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	.....10,053	.....	.....15,212,129	.....15,287,105	.....13,421,285	xxx
BANK OF AMERICA (OPERATING).....	HARTFORD, CT.....	.....	.....	.....	.....1,046,490	.....1,252,402	.....1,151,751	xxx
BANK OF AMERICA (LOSS PAYMENT).....	HARTFORD, CT.....	.....	.....	.....	.....(8,651,863)	.....(10,666,015)	.....(21,201,142)	xxx
BANK OF AMERICA (CDR AP).....	HARTFORD, CT.....	.....	.....	.....	.....(2,083,652)	.....(2,058,285)	.....(3,397,781)	xxx
BANK OF AMERICA (PAYROLL).....	HARTFORD, CT.....	.....	.....	.....	.....(10,214,494)	.....	.....	xxx
BANK OF AMERICA - SINGAPORE.....	WILMINGTON, DE.....	.....	.....	.....	.....14,334,626	.....14,334,626	.....13,471,422	xxx
HSBC BANK OF AUSTRALIA LIMITED USD ACCOUNT	AUSTRALIA.....	.....	.....	.....	.....26,131,838	.....8,824,574	.....1,176,142	xxx
HSBC-HK&SHANGHAI BANKING CORP LTD..	HONG KONG.....	.....	.....	.....	.....17,858,413	.....17,832,392	.....18,088,950	xxx
HSBC-HK&SHANGHAI BANKING CORP LTD. USD ACCOUNT	HONG KONG.....	.....	.....	.....	.....9,038,474	.....9,114,093	.....8,629,613	xxx
HSBC-HK&SHANGHAI BANKING CORP LTD..	SINGAPORE.....	.....	.....	.....	.....9,514,920	.....9,312,799	.....10,517,361	xxx
HSBC-HK&SHANGHAI BANKING CORP LTD. USD ACCOUNT	SINGAPORE.....	.....	.....	.....	.....4,453,309	.....4,971,786	.....2,634,044	xxx
HSBC-BANK MALAYSIA BERHAD.....	MALAYSIA.....	.....	.....	.....	.....29,966,120	.....17,150,409	.....16,447,031	xxx
HSBC-HK&SHANGHAI BANKING CORP LTD. USD	NEW ZEALAND.....	.....	.....	.....	.....5,567,219	.....6,024,923	.....5,713,618	xxx
HSBC-HK&SHANGHAI BANKING CORP LTD. NZD	NEW ZEALAND.....	.....	.....	.....	.....12,932,034	.....13,670,249	.....13,524,010	xxx
HSBC-HK&SHANGHAI BANKING CORP LTD. AUD	NEW ZEALAND.....	.....	.....	.....	.....7,666,089	.....6,562,287	.....939,586	xxx
JP MORGAN CHASE.....	COLUMBUS, OH.....	.....0.800	.....187,294	.....	.....56,660,706	.....32,023,218	.....67,024,063	xxx
JP MORGAN PRIV EQ-M.STANLEY.....	COLUMBUS, OH.....	.....0.800	.....66,890	.....	.....17,042,183	.....18,191,044	.....11,074,296	xxx
JP MORGAN CHASE SINGAPORE BRANCH..	COLUMBUS, OH.....	.....0.800	.....28,627	.....	.....14,334,626	.....14,342,783	.....13,462,618	xxx
JP MORGAN CHASE AUSTRALIA BRANCH....	LONDON.....	.....0.800	.....617	.....	.....5,147,367	.....5,225,209	.....1,096,345	xxx
NORTHERN TRUST DDA	CHICAGO, IL.....	.....	.....	.....	.....6,380,378	.....2,650,816	.....1,337,077	xxx
ROYAL BANK (RES ACCT).....	TORONTO, ON, CAN.....	.....1.566	.....130,975	.....30,533	.....10,163,592	.....6,413,103	.....25,075,418	xxx
ROYAL BANK (USD ACCT).....	TORONTO, ON, CAN.....	.....1.566	.....49,413	.....16,471	.....8,560,463	.....19,524,186	.....22,990,256	xxx
ROYAL BANK (PAYROLL).....	TORONTO, ON, CAN.....	.....	.....	.....	.....(895,914)	.....(578,052)	.....	xxx
ROYAL BANK (LOSS PAY).....	TORONTO, ON, CAN.....	.....	.....	.....	.....18,003,927	.....20,212,238	.....29,120,077	xxx
RBC INVESTOR SERVICES.....	TORONTO, ON, CAN.....	.....1.566	.....6,199	.....2,066	.....8,282,532	.....1,679,677	.....21,147,001	xxx
0199998. Deposits in.....4 depositories that do not exceed the allowable limit in any one depository (see Instructions) - Open Depositories.....	xxx	xxx	.....35	.....	.....148,602	.....(19,209)	.....58,775	xxx
0199999. Total Open Depositories.....	xxx	xxx	.....480,103	.....49,070	.....276,600,115	.....231,278,360	.....273,501,815	xxx
0399999. Total Cash on Deposit.....	xxx	xxx	.....480,103	.....49,070	.....276,600,115	.....231,278,360	.....273,501,815	xxx
0499999. Cash in Company's Office.....	xxx	xxx	xxx	xxx	.....13,638	.....13,672	.....13,589	xxx
0599999. Total Cash.....	xxx	xxx	.....480,103	.....49,070	.....276,613,753	.....231,292,032	.....273,515,404	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
Bonds - Industrial & Miscellaneous (Unaffiliated) - Issuer Obligations								
	FEDERAL HOME LOAN BANK.....		03/11/2019.....	2.411	05/03/2019.....	1,197,438		
3299999	Industrial & Miscellaneous (Unaffiliated) - Issuer Obligations.....					1,197,438	0	0
3899999	Total - Industrial & Miscellaneous (Unaffiliated).....					1,197,438	0	0
Total Bonds								
7799999	Subtotals - Issuer Obligations.....					1,197,438	0	0
8399999	Subtotals - Bonds.....					1,197,438	0	0
Sweep Accounts								
	HSBC AUSTRALIA TERM DEPOSIT.....		12/31/2014.....	1.506		12,662,928	3,261	18,128
	HSBC BRAZIL.....		01/30/1990.....			5,060,496		
	BANK OF AMERICA AUSTRALIAN TERM DEPOSIT.....		07/01/2015.....	0.460		9,053,830	4,043	7,364
	BANK OF AMERICA (USD) TERM DEPOSIT.....		07/01/2015.....			24,434,669		
	ANZ AUSTRALIAN TERM DEPOSIT.....		03/31/2015.....			52,947,424		
	HSBC AUSTRALIA.....		03/31/2019.....	2.150		25,000,000	43,215	107,329
8499999	Total - Sweep Accounts.....					129,159,347	50,519	132,821
All Other Money Market Mutual Funds								
09248U	61 9 BLACKROCK LIQUIDITY TEMPFUND INST'L.....		02/28/2019.....	2.530		188,105,689		1,017,843
31607A	20 8 FIDELITY PRIME MON MAR-INS COMMON STK.....		02/12/2019.....	2.510		81,423,528		580,456
38141W	23 2 GOLDMAN SACHS FINANCIAL SQUARE INST'L.....		02/28/2019.....	2.590		10,466,245		91,717
4812A0	36 7 JPM PRIME MMKT-CAPITAL.....		03/22/2019.....	2.530		243,275,294		521,677
85749P	10 1 STATE ST INST LIQ RES-PREM.....		02/28/2019.....	2.560		128,992,716		840,944
8699999	Total - All Other Money Market Mutual Funds.....					652,263,472	0	3,052,637
8899999	Total - Cash Equivalents.....					782,620,257	50,519	3,185,458

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