PROPERTY AND CASUALTY COMPANIES - ASSOCIATION EDITION
QUARTERLY STATEMENT
AS OF MARCH 31, 2018
OF THE CONDITION AND AFFAIRS OF THE
AMICA MUTUAL INSURANCE COMPANY


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.

Robert Anthony DiMuccio
Chairman, President and Chief Executive Officer

Subscribed and sworn to before me this

| Subscribed and sworn to before me this <br> 14th day of $\quad$ May, 2018 |
| :--- |

Ann Marie Octeau
Notary Public
June 8, 2018

ASSETS


## STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY <br> LIABILITIES, SURPLUS AND OTHER FUNDS

|  | 1 Current Statement Date | 2December 31, <br> Prior Year |
| :---: | :---: | :---: |
|  | 1,064,598,374 | 1,059,559,279 |
| 2. Reinsurance payable on paid losses and loss adjustment expenses | 13,464,440 | 13,781,579 |
| 3. Loss adjustment expenses | 165, 103,652 | 174,439,255 |
| 4. Commissions payable, contingent commissions and other similar charges | 215,494 | 121,475 |
| 5. Other expenses (excluding taxes, licenses and fees) | 57,040,628 | 82,591,703 |
| 6. Taxes, licenses and fees (excluding federal and foreign income taxes) | 8,576,548 | 14,051,486 |
|  |  | 1,321,005 |
| 7.2 Net deferred tax liability |  |  |
|  |  |  |
| 9. Unearned premiums (after deducting unearned premiums for ceded reinsurance of $\$$ $\qquad$ $1,076,937$ and including warranty reserves of \$ $\qquad$ and accrued accident and health experience rating refunds including \$ $\qquad$ for medical loss ratio rebate per the Public Health Service Act) $\qquad$ | 1,147,013,267 | .1,180,441,115 |
| 10. Advance premium | 19,328,563 | 10, 133,052 |
| 11. Dividends declared and unpaid: 11.1 Stockholders |  |  |
| 11.2 Policyholders | 11,615,426 | 10,652,239 |
| 12. Ceded reinsurance premiums payable (net of ceding commissions) |  | 544,932 |
| 13. Funds held by company under reinsurance treaties |  |  |
| 14. Amounts withheld or retained by company for account of others | 6,801,479 | 2,957,894 |
| 15. Remittances and items not allocated | 1,311,750 | 1,200,200 |
|  |  |  |
| 17. Net adjustments in assets and liabilities due to foreign exchange rates |  |  |
| 18. Drafts outstanding |  |  |
| 19. Payable to parent, subsidiaries and affiliates |  |  |
| 20. Derivatives |  |  |
| 21. Payable for securities | 99,339,988 | 37,285,796 |
| 22. Payable for securities lending |  |  |
| 23. Liability for amounts held under uninsured plans |  |  |
| 24. Capital notes \$ ...an and interest thereon \$ |  |  |
| 25. Aggregate write-ins for liabilities | 132,500,561 | 125,996,076 |
| 26. Total liabilities excluding protected cell liabilities (Lines 1 through 25) | 2,726,910, 170 | 2,715,077,086 |
| 27. Protected celll liabilities |  |  |
| 28. Total liabilities (Lines 26 and 27) | 2,726,910, 170 | 2,715,077,086 |
| 29. Aggregate write-ins for special surplus funds | 6,000,000 | 6,000,000 |
| 30. Common capital stock |  |  |
| 31. Preferred capital stock |  |  |
| 32. Aggregate write-ins for other than special surplus funds |  |  |
| 33. Surplus notes |  |  |
| 34. Gross paid in and contributed surplus |  |  |
| 35. Unassigned funds (surplus) | 2,616,060,921 | 2,663,490,235 |
| 36. Less treasury stock, at cost: |  |  |
|  |  |  |
|  |  |  |
| 37. Surplus as regards policyholders (Lines 29 to 35, less 36) | 2,622,060,921 | 2,669,490,235 |
| 38. Totals (Page 2, Line 28, Col. 3) | 5,348,971,091 | 5,384,567,321 |
| DETAILS OF WRITE-INS |  |  |
| 2501. Reserve for non-qualified pensions and deferrals | 70,464,207 | 71,847,845 |
| 2502. Reserve for unassessed insolvencies | 1,515,520 | 1,515,520 |
| 2503. Post retirement medical transition liability (SSAP 92) | 60,520,834 | 52,632,711 |
| 2598. Summary of remaining write-ins for Line 25 from overflow page |  |  |
| 2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above) | 132,500,561 | 125,996,076 |
| 2901. Guaranty fund | 3,000,000 | 3,000,000 |
| 2902. Voluntary reserve | 3,000,000 | 3,000,000 |
| 2903. |  |  |
| 2998. Summary of remaining write-ins for Line 29 from overflow page |  |  |
| 2999. Totals (Lines 2901 through 2903 plus 2998)(Line 29 above) | 6,000,000 | 6,000,000 |
| 3201. |  |  |
| 3202. |  |  |
| 3203. |  |  |
| 3298. Summary of remaining write-ins for Line 32 from overflow page |  |  |
| 3299. Totals (Lines 3201 through 3203 plus 3298)(Line 32 above) |  |  |

STATEMENT OF INCOME

|  | 1 Current Year to Date | Prior Year to Date | $\stackrel{3}{2}$ $\text { December } 31$ |
| :---: | :---: | :---: | :---: |
| UNDERWRITING INCOME |  |  |  |
| 1. Premiums earned: <br> 1.1 Direct (written \$ 527,671,586 ) | 562,474,927 | 520,881,682 |  |
|  | -9,031,074 | $6,581,414$ | 25,743,271 |
| 1.3 Ceded (written \$ ...-...........11,892,124) | 12,312,805 | 9,727,288 | 38,564,546 |
| 1.4 Net (written \$ .............-525,765,348). | 559, 193, 196 | 517,735,808 | 2, 182,456,539 |
| DEDUCTIONS: |  |  |  |
| 2. Losses incurred (current accident year \$ ................379,450,435 ): |  |  |  |
| 2.1 Direct | $362,066,632$ $6,579,236$ | $352,341,436$ $3,912,689$ | $\begin{array}{r}1,493,841,853 \\ 20,302,803 \\ \hline 1\end{array}$ |
| 2.3 Ceded | .139,780 | 207,033 | 1,139,735 |
| 2.4 Net | 368,506,088 | 356,047,092 | 1,513,004,921 |
| 3. Loss adjustment expenses incurred | 54,862,299 | 53,211,646 | 230,833,322 |
| 4. Other underwriting expenses incurred | 132, 122,737 | 131,704,472 | 530,509,738 |
| 5. Aggregate write-ins for underwriting deductions |  |  |  |
| 6. Total underwriting deductions (Lines 2 through 5) | 555,491, 124 | 540,963,210 | 2,274,347,981 |
| 7. Net income of protected cells |  |  |  |
| 8. Net underwriting gain or (loss) (Line 1 minus Line $6+$ Line 7) | 3,702,072 | $(23,227,402)$ | $(91,891,442)$ |
| investment income |  |  |  |
| 9. Net investment income earned | 26,771,888 | 22,613,458 | 103,593,996 |
|  | 77,920,263 | 27,426,231 | 157,766,004 |
| 11. Net investment gain (loss) (Lines $9+10$ ) | 104,692, 151 | 50,039,689 | 261,360,000 |
| OTHER INCOME |  |  |  |
| 12. Net gain or (loss) from agents' or premium balances charged off (amount recovered \$ <br> 366,030 amount charged off \$ <br> 1,503,957 ) | $(1,137,927)$ | $(1,700,364)$ | $(5,838,218)$ |
| 13. Finance and service charges not included in premiums. | 1,402,971 | 1,470,257 | 5,723,573 |
| 14. Aggregate write-ins for miscellaneous income | 10,647 | 8,263 | 14,337 |
| 15. Total other income (Lines 12 through 14) | 275,691 | $(221,844)$ | $(100,308)$ |
| 16. Net income before dividends to policyholders, after capital gains tax and before all other federal and foreign income taxes (Lines $8+11+15$ ) | 108,669,914 | 26,590,443 | 169,368,250 |
| 17. Dividends to policyholders... | 30, 167,442 | 32,899,714 | 145,006,456 |
| 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) | 78,502,472 | $(6,309,271)$ | 24,361,794 |
| 19. Federal and foreign income taxes incurred. | $(3,900,732)$ | $(13,774,284)$ | $(58,381,354)$ |
| 20. Net income (Line 18 minus Line 19)(to Line 22) | 82,403,204 | 7,465,013 | 82,743,148 |
| CAPITAL AND SURPLUS ACCOUNT |  |  |  |
| 21. Surplus as regards policyholders, December 31 prior year | 2,669,490,235 | 2,583,674, 181 | 2,583,674,181 |
| 22. Net income (from Line 20) | 82,403,204 | 7,465,013 | 82,743, 148 |
| 23. Net transfers (to) from Protected Cell accounts |  |  |  |
| 24. Change in net unrealized capital gains (losses) less capital gains tax of \$ ...-).-...- (22,542,479) | $(85,248,328)$ | 31,270,023 | 112,292,833 |
| 25. Change in net unrealized foreign exchange capital gain (loss) |  |  |  |
| 26. Change in net deferred income tax | 847,001 | 4,682,253 | $(82,415,051)$ |
| 27. Change in nonadmitted assets | $(35,518,659)$ | $(15,330,919)$ | $(89,346,286)$ |
| 28. Change in provision for reinsurance |  |  |  |
| 29. Change in surplus notes |  |  |  |
| 30. Surplus (contributed to) withdrawn from protected cells |  |  |  |
| 31. Cumulative effect of changes in accounting principles | $(7,888,123)$ | $(15,560,189)$ | ( $15,560,189)$ |
| 32. Capital changes: |  |  |  |
| 32.1 Paid in ..................................... |  |  |  |
| 32.2 Transferred from surplus (Stock Dividend) |  |  |  |
| 32.3 Transferred to surplus |  |  |  |
| 33. Surplus adjustments: <br> 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 | $(2,024,409)$ | 3,852,743 | 78,101,599 |
| 38. Change in surplus as regards policyholders (Lines 22 through 37) | (47,429,314) | 16,378,924 | 85,816,054 |
| 39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38) | 2,622,060,921 | 2,600,053, 105 | 2,669,490,235 |
| DETAILS OF WRITE-INS |  |  |  |
| 0501. 0502. |  |  |  |
| 0503. |  |  |  |
| 0598. Summary of remaining write-ins for Line 5 from overflow page |  |  |  |
| 0599. Totals (Lines 0501 through 0503 plus 0598)(Line 5 above) |  |  |  |
| 1401. Discount earned on accounts payable | 10,682 | 8,323 | 35,956 |
| 1402. Penalties of regulatory authorities | (35) | (60) | $(21,619)$ |
| 1403. |  |  |  |
| 1498. Summary of remaining write-ins for Line 14 from overflow page |  |  |  |
| 1499. Totals (Lines 1401 through 1403 plus 1498)(Line 14 above) | 10,647 | 8,263 | 14,337 |
| 3701. Change in Amica Companies Supplemental Retirement Trust | $(2,514,873)$ | 1,995,807 | 5,005,616 |
| 3702. Change in retiree medical overfunded asset | 490,464 | 1,856,936 | 5,756,676 |
| 3703. Unrecognized gain/(loss) on non-qualified pensions |  |  | $(3,355,974)$ |
| 3798. Summary of remaining write-ins for Line 37 from overflow page |  |  | 70,695,281 |
| 3799. Totals (Lines 3701 through 3703 plus 3798)(Line 37 above) | $(2,024,409)$ | 3,852,743 | 78, 101,599 |

## CASH FLOW



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## NOTES TO FINANCIAL STATEMENTS

## Note 1 - Summary of Significant Accounting Policies and Going Concern

A. Accounting Practices

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

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 Commissioners' (NAIC) Accounting Practices and Procedures Manual subject to any deviations prescribed or permitted by the State of Rhode Island Department of Business Regulation Insurance Division. The Company has no state basis statement adjustments to report.

A reconciliation of the Company's net income and capital and surplus between NAIC statutory accounting practices (NAIC SAP) and practices prescribed and permitted by the State of Rhode Island as of March 31, 2018 and December 31, 2017 is shown below:

|  | F/S |  | F/S |  | 12/31/17 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | SSAP \# | Page | Line \# | 03/31/18 |  |
| Net Income |  |  |  |  |  |
| (1) Company state basis (Page 4, Line 20, Columns 1 \& 2) | XXX | XXX | XXX | \$82,403,204 | \$82,743,148 |
| (2) State Prescribed Practices that are an increase/(decrease) from NAIC SAP: |  |  |  | 0 | 0 |
| (3) State Permitted Practices that are an increase/(decrease) from NAIC SAP: |  |  |  | 0 | 0 |
| (4) $\operatorname{NAICSAP}(1-2-3=4)$ | XxX | XxX | XXX | \$82,403,204 | \$82,743,148 |
| Surplus |  |  |  |  |  |
| (5) Company state basis (Page 3, Line 37, Columns 1 \& 2) | XXX | XXX | XXX | \$2,622,060,921 | \$2,669,490,235 |
| (6) State Prescribed Practices that are an increase/(decrease) from NAIC SAP: |  |  |  | 0 | 0 |
| (7) State Permitted Practices that are an increase/(decrease) from NAIC SAP: |  |  |  | 0 | 0 |
| (8) NAIC SAP (5-6-7 $=8$ ) | XXX | XXX | XXX | \$2,622,060,921 | \$2,669,490,235 |

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

No change.
C. Accounting Policies

1-5. No change.
6. Loan-backed bonds and structured securities are valued at amortized cost using the retrospective method (or a method which approximates the retrospective method).

7-15. No change.
D. Going Concern

Management's review of relevant conditions and events, considered in the aggregate, indicate that it is probable that the Company will be able to meet its obligations as they become due within one year after the date that the financial statements are issued.

## Note 2 - Accounting Changes and Correction of Errors

Effective January 1, 2013 the Company adopted SSAP No. 92, "Accounting for Postretirement Benefits Other Than Pensions, A Replacement of SSAP No. 14" to account for retiree medical benefits. This statement requires participants not yet eligible to retire to be included in the accumulated postretirement benefit obligation. In accordance with this statement, the Company has elected to phase in the corresponding transition liability over a period not to exceed ten years and recorded the current year transition liability of $\$ 7,888,123$ on January 1, 2018. See Note 12 for additional information.

## Note 3 - Business Combinations and Goodwill

No change.

## Note 4 - Discontinued Operations

No change.

## Note 5 - Investments

A. Mortgage Loans, including Mezzanine Real Estate Loans

1. The Company has invested in sixteen commercial mortgage loans at March 31, 2018. The maximum and minimum lending rates were $4.9 \%$ and $3.8 \%$.
2. The maximum percentage of any one loan to the value of security at the time of the loan, exclusive of insured or guaranteed or purchase money mortgages, was $64.9 \%$.
3. There were no taxes, assessments or any amounts advanced and not included in the mortgage loan total.

## NOTES TO FINANCIAL STATEMENTS

4. Age Analysis of Mortgage Loans and Identification of Mortgage Loans in Which the Insurer is a Participant or Co-lender in a Mortgage Loan Agreement:

|  | Farm | Residential |  | Commercial |  | Mezzanine | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Insured | All Other | Insured | All Other |  |  |
| A. Current Year |  |  |  |  |  |  |  |
| 1. Recorded Investment (All) |  |  |  |  |  |  |  |
| (a) Current | \$0 | \$0 | \$0 | \$0 | \$78,759,669 | \$0 | \$78,759,669 |
| (b) 30-59 Days Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (c) 60-89 Days Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (d) 90-179 Days Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (e) 180+ Days Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Accruing Interest 90-179 Day s Past Due |  |  |  |  |  |  |  |
| (a) Recorded Investment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (b) Interest Accrued | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. Accruing Interest $180+$ Day s Past Due |  |  |  |  |  |  |  |
| (a) Recorded Investment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (b) Interest Accrued | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4. Interest Reduced |  |  |  |  |  |  |  |
| (a) Recorded Investment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (b) Number of Loans | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (c) Percent Reduced | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Participant or Co-lender in a Mortgage Loan Agreement |  |  |  |  |  |  |  |
| (a) Recorded Investment | \$0 | \$0 | \$0 | \$0 | \$78,759,669 | \$0 | \$78,759,669 |
| B. Prior Year |  |  |  |  |  |  |  |
| 1. Recorded Investment (All) |  |  |  |  |  |  |  |
| (a) Current | \$0 | \$0 | \$0 | \$0 | \$68,130,528 | \$0 | \$68,130,528 |
| (b) 30-59 Days Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (c) 60-89 Days Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (d) 90-179 Days Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (e) 180+ Day s Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Accruing Interest 90-179 Days Past Due |  |  |  |  |  |  |  |
| (a) Recorded Investment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (b) Interest Accrued | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. Accruing Interest $180+$ Day s Past Due |  |  |  |  |  |  |  |
| (a) Recorded Investment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (b) Interest Accrued | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4. Interest Reduced |  |  |  |  |  |  |  |
| (a) Recorded Investment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (b) Number of Loans | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (c) Percent Reduced | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Participant or Co-lender in a Mortgage Loan Agreement <br> (a) Recorded Investment |  |  |  |  |  |  |  |
|  | \$0 | \$0 | \$0 | \$0 | \$68,130,528 | \$0 | \$68,130,528 |

5-9. There were no impaired mortgage loans, mortgage loans derecognized as a result of foreclosure or allowances for credit losses on mortgage loans.
B. Debt Restructuring

No change.
C. Reverse Mortgages

No change.
D. Loan-Backed Securities

1. Prepayment assumptions for single-class and multi-class mortgage-backed and asset-backed securities were obtained from broker dealer survey values, nationally recognized data services or internal estimates. The Company used Hub Data, Inc. to determine the market value of its loan-backed securities. In 2018, there were no changes from retrospective to prospective methodologies.

2-3. The Company did not write down any loan-backed securities during the period.

## NOTES TO FINANCIAL STATEMENTS

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:
5. Less than 12 Months
\$ 12,382,816
6. 12 Months or Longer
\$ 10,549,613
b. The aggregate related fair value of securities with unrealized losses:

| 1. Less than 12 Months | $\$ 553,348,691$ |
| :--- | :--- |
| 2. 12 Months or Longer | $\$ 259,512,812$ |

5. All loan-backed and structured securities in an unrealized loss position were reviewed to determine whether other-thantemporary 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 an analysis of the underlying credit of each security. Unrealized losses are primarily attributable to higher interest rates and modestly wider spread levels. 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 passage of time cause it to conclude that declines in fair value are other-than temporary.
E. Dollar Repurchase Agreements and/or Securities Lending Transactions

No change.
F. Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not applicable.
G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not applicable.
H. Repurchase Agreements Transactions Accounted for as a Sale

Not applicable.
I. Reverse Repurchase Agreements Transactions Accounted for as a Sale

Not applicable.
J. Real Estate

No change.
K. Investments in Low-Income Housing Tax Credits (LIHTC)

No change.
L. Restricted Assets

No change.
M. Working Capital Finance Investments

Not applicable.
N. Offsetting and Netting of Assets and Liabilities

Not applicable.
O. Structured Notes

No change.
P. 5* Securities

No change.
Q. Short Sales

No change.
R. Prepayment Penalty and Acceleration Fees

|  | General Account |
| :--- | ---: |
| 1. Number of CUSIPs | 12 |
| 2. Aggregate Amount of Investment Income | $\$ 58,638$ |

## NOTES TO FINANCIAL STATEMENTS

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

A. Detail for Those Greater than 10\% of Admitted Assets

No change.
B. Writedowns for Impairment of Joint Ventures, Partnerships and Limited Liability Companies

In 2018, the Company recognized other-than-temporary impairments (OTTI) on the three limited partnership investments listed in the following table:

| Name or Description | OTTI |
| :--- | ---: |
| Cy prium Inv estors IV, LP | $\$ 183,004$ |
| GCG Inv estors IV, LP | 123,750 |
| Point Judith Venture Fund IV, LP | 581,591 |
| Total | $\$ 888,345$ |
|  |  |

Fair values were based on the most recent valuation available from the fund and the impairments above were deemed to be other-than-temporary based on the timing of expected returns on fund investments.

## Note 7 - Investment Income

No change.

## Note 8 - Derivative Instruments

The Company has no derivative instruments.

## Note 9 - Income Taxes

A. Deferred Tax Asset/(Liability)

1. Components of Net Deferred Tax Assets (DTAs) and Net Deferred Tax Liabilities (DTLs)

|  | (1) Ordinary | (2) Capital |  |
| :---: | :---: | :---: | :---: |
| 03/31/18 |  |  |  |
| (a) Gross deferred tax assets | \$298,125,091 | \$9,465,371 | \$307,590,462 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Adjusted gross deferred tax assets (1a-1b) | 298,125,091 | 9,465,371 | 307,590,462 |
| (d) Deferred tax assets nonadmitted | 0 | 0 | 0 |
| (e) Subtotal net admitted deferred tax asset (1c-1d) | 298,125,091 | 9,465,371 | 307,590,462 |
| (f) Deferred tax liabilities | 169,665,064 | 96,973,478 | 266,638,542 |
| (g) Net admittted deferred tax asset(Net deferred tax liability) (1e-1f) | \$128,460,027 | (\$87,508,107) | \$40,951,920 |
|  | (4) | (5) | (6) (Col 4+5) |
| 12/31/17 | Ordinary | Capital | Total |
| (a) Gross deferred tax assets | \$290,949,056 | \$9,523,798 | \$300,472,854 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Adjusted gross deferred tax assets (1a-1b) | 290,949,056 | 9,523,798 | 300,472,854 |
| (d) Deferred tax assets nonadmitted | 0 | 0 | 0 |
| (e) Subtotal net admitted deferred tax asset (1c-1d) | 290,949,056 | 9,523,798 | 300,472,854 |
| (f) Deferred tax liabilities | 163,394,457 | 119,515,957 | 282,910,414 |
| (g) Net admittted deferred tax asset(Net deferred tax liability) (1e-1f) | \$127,554,599 | (\$109,992,159) | \$17,562,440 |
|  | (7) <br> (Col 1-4) | $\begin{gathered} \text { (8) } \\ \text { (Col 2-5) } \end{gathered}$ |  |
| Change | Ordinary | Capital | Total |
| (a) Gross deferred tax assets | \$7,176,035 | (\$58,427) | \$7,117,608 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Adjusted gross deferred tax assets (1a-1b) | 7,176,035 | $(58,427)$ | 7,117,608 |
| (d) Deferred tax assets nonadmitted | 0 | 0 | 0 |
| (e) Subtotal net admitted deferred tax asset (1c-1d) | 7,176,035 | (58,427) | 7,117,608 |
| (f) Deferred tax liabilities | 6,270,607 | $(22,542,479)$ | $(16,271,872)$ |
| (g) Net admitted deferred tax asset(Net deferred tax liability) (1e-1f) | \$905,428 | \$22,484,052 | \$23,389,480 |

## NOTES TO FINANCIAL STATEMENTS

2. Admission Calculation Components

|  | (1) Ordinary | (2) Capital | (3) <br> (Col 1+2) <br> Total |
| :---: | :---: | :---: | :---: |
| 03/31/18 |  |  |  |
| (a) Federal income tax es paid in prior y ears recoverable through loss carry backs | (\$51,059,551) | \$64,269,681 | \$13,210,130 |
| (b) Adjusted gross deferred tax assets expected to be realized (excluding the amount of deferred tax assets from 2(a) above) after application of the threshold limitation (The lesser of 2(b)1 and 2(b)2 below) | 79,883,055 | 0 | 79,883,055 |
| 1. Adjusted gross deferred tax assets expected to be realized follow ing the balance sheet date | 79,883,055 | 0 | 79,883,055 |
| 2. Adjusted gross deferred tax assets allow ed per limitation threshold | XXX | xxX | 389,658,896 |
| (c) Adjusted gross deferred tax assets (Excluding the amount of deferred tax assets from |  |  |  |
| 2(a) and 2(b) above) offset by gross deferred tax liabilities | 205,031,906 | 9,465,371 | 214,497,277 |
| (d) Deferred tax assets admitted as the result of application of SSAP No. 101 | \$233,855,410 | \$73,735,052 | \$307,590,462 |
|  | (4) | (5) | (6) (Col 4+5) |
| 12/31/17 | Ordinary | Capital | Total |
| (a) Federal income taxes paid in prior y ears recoverable through loss carry backs | (\$51,059,551) | \$64,269,681 | \$13,210,130 |
| (b) Adjusted gross deferred tax assets expected to be realized (excluding the amount of deferred tax assets from 2(a) above) after application of the threshold limitation (The lesser of 2(b)1 and 2(b)2 below) | 81,294,374 | 0 | 81,294,374 |
| 1. Adjusted gross deferred tax assets ex pected to be realized follow ing the balance sheet date | 81,294,374 | 0 | 81,294,374 |
| 2. Adjusted gross deferred tax assets allow ed per limitation threshold | XXX | xxx | 399,900,207 |
| (c) Adjusted gross deferred tax assets (Excluding the amount of deferred tax assets from |  |  |  |
| 2(a) and 2(b) above) offset by gross deferred tax liabilities | 196,444,552 | 9,523,798 | 205,968,350 |
| (d) Deferred tax assets admitted as the result of application of SSAP No. 101 | \$226,679,375 | \$73,793,479 | \$300,472,854 |
|  | (7) (Col 1-4) | $\begin{gathered} \hline(8) \\ (\operatorname{Col} 2-5) \end{gathered}$ | (9) <br> (Col 7+8) |
| Change | Ordinary | Capital | Total |
| (a) Federal income tax es paid in prior y ears recoverable through loss carry backs | $\$ 0$ | \$0 | \$0 |
| (b) Adjusted gross deferred tax assets expected to be realized (excluding the amount of deferred tax assets from 2(a) above) after application of the threshold limitation (The lesser of 2(b)1 and 2(b)2 below) | (1,411,319) | 0 | (1,411,319) |
| 1. Adjusted gross deferred tax assets ex pected to be realized following the balance sheet date | (1,411,319) | 0 | $(1,411,319)$ |
| 2. Adjusted gross deferred tax assets allowed per limitation threshold | XxX | xxx | $(10,241,311)$ |
| (c) Adjusted gross deferred tax assets (Excluding the amount of deferred tax assets from |  |  |  |
| 2(a) and 2(b) above) offset by gross deferred tax liabilities | 8,587,354 | $(58,427)$ | 8,528,927 |
| (d) Deferred tax assets admitted as the result of application of SSAP No. 101 | \$7,176,035 | $(\$ 58,427)$ | \$7,117,608 |

3. Other Admissibility Criteria

| (a) Ratio used to determine recovery period and threshold limitations amount | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 7}$ |
| :--- | :---: | :---: |
| (b) Amount of adjusted capital and surplus used to determine recovery <br> period and threshold limitation in 2(b)2 above | $681 \%$ | $699 \%$ |

## NOTES TO FINANCIAL STATEMENTS

4. Impact of Tax Planning Strategies

\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \& \multicolumn{2}{|c|}{03/31/18} \& \multicolumn{2}{|c|}{12/31/17} \& \multicolumn{2}{|c|}{Change} \\
\hline \& \begin{tabular}{l}
(1) \\
Ordinary
\end{tabular} \& \begin{tabular}{l}
(2) \\
Capital
\end{tabular} \& \begin{tabular}{l}
(3) \\
Ordinary
\end{tabular} \& \begin{tabular}{l}
(4) \\
Capital
\end{tabular} \&  \& (6) (Col 2-4) Capital \\
\hline \begin{tabular}{l}
(a) Determination of adjusted gross deferred tax assets and net admitted deferred tax assets, by tax character, as a percentage. \\
1. Adjusted gross DTAs amount from Note 9A1(c). \\
2. Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies. \\
3. Net admitted adjusted gross DTAs amount from Note 9A1(e). \\
4. Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning strategies.
\end{tabular} \& \begin{tabular}{l}
\$298,125,091 \\
0\% \\
\$298,125,091 \\
0\%
\end{tabular} \& \begin{tabular}{l}
\$9,465,371 \\
0\% \\
\$9,465,371 \\
0\%
\end{tabular} \& \(\$ 290,949,056\)
\$290,949,056 \& \(\$ 9,523,798\)
\$9,523,798

$0 \%$ \& $\$ 7,176,035$
$0 \%$
$\$ 7,176,035$ \& $(\$ 58,427)$
$0 \%$
$(\$ 58,427)$

$0 \%$ <br>
\hline \multicolumn{3}{|l|}{(b) Does the Company's tax-planning strategies include the use of reinsurance?} \& \& Yes [ ] \& No [X] \& <br>
\hline
\end{tabular}

B. Deferred Tax Liabilities Not Recognized

There are no temporary differences for which deferred tax liabilities are not recognized.
C. Current and Deferred Income Taxes

1. Current Income Tax

|  | (1) | (2) | (3) |
| :---: | :---: | :---: | :---: |
|  |  |  | (Col 1-2) |
|  | 03/31/18 | 12/31/17 | Change |
| (a) Federal | (\$3,900,732) | (\$58,381,354) | \$54,480,622 |
| (b) Foreign | 0 | 0 | 0 |
| (c) Subtotal | $(3,900,732)$ | (58,381,354) | 54,480,622 |
| (d) Federal income tax on net capital gains | 20,639,024 | 71,410,756 | (50,771,732) |
| (e) Uilization of capital loss carry-forw ards | 0 | 0 | 0 |
| (f) Other | 0 | 0 | 0 |
| (g) Federal and foreign income taxes incurred | \$16,738,292 | \$13,029,402 | \$3,708,890 |

## NOTES TO FINANCIAL STATEMENTS

2. Deferred Tax Assets

|  | (1) | (2) | $\begin{gathered} (3) \\ (\text { Col 1-2) } \end{gathered}$ |
| :---: | :---: | :---: | :---: |
|  | 03/31/18 | 12/31/17 | Change |
| (a) Ordinary: |  |  |  |
| 1. Discounting of unpaid losses | \$7,277,443 | \$7,709,984 | (\$432,541) |
| 2. Unearned premium reserve | 48,986,357 | 50,004,115 | $(1,017,758)$ |
| 3. Policy holder reserves | 0 | 0 | 0 |
| 4. Investments | 0 | 0 | 0 |
| 5. Deferred acquisition costs | 0 | 0 | 0 |
| 6. Policy holder dividends accrual | 0 | 0 | 0 |
| 7. Fixed assets | 20,990,303 | 21,268,829 | (278,526) |
| 8. Compensation and benefits accrual | 43,526,803 | 42,511,796 | 1,015,007 |
| 9. Pension accrual | 147,901,994 | 141,282,794 | 6,619,200 |
| 10. Receivables - nonadmitted | 130,325 | 139,560 | $(9,235)$ |
| 11. Net operating loss carry-forw ard | 0 | 0 | 0 |
| 12. Tax credit carry-forward | 4,420,510 | 4,420,510 | 0 |
| 13. Other (including items <5\% of total ordinary tax assets) | 24,891,356 | 23,611,468 | 1,279,888 |
| 99. Subtotal | 298,125,091 | 290,949,056 | 7,176,035 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Nonadmitted | 0 | 0 | 0 |
| (d) Admitted ordinary deferred tax assets (2a99-2b-2c) | 298,125,091 | 290,949,056 | 7,176,035 |
| (e) Capital: |  |  |  |
| 1. Investments | \$9,465,371 | \$9,523,798 | (\$58,427) |
| 2. Net capital loss carry-forw ard | 0 | 0 | 0 |
| 3. Real estate | 0 | 0 | 0 |
| 4. Other (including items <5\% of total capital tax assets) | 0 | 0 | 0 |
| 99. Subtotal | 9,465,371 | 9,523,798 | $(58,427)$ |
| (f) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (g) Nonadmitted | 0 | 0 | 0 |
| (h) Admitted capital deferred tax assets (2e99-2f-2g) | 9,465,371 | 9,523,798 | $(58,427)$ |
| (i) Admitted deferred tax assets (2d +2 h ) | \$307,590,462 | \$300,472,854 | \$7,117,608 |

3. Deferred Tax Liabilities

|  | (1) $03 / 31 / 18$ | (2) 12/31/17 | $\begin{gathered} (3) \\ (\text { Col 1-2) } \end{gathered}$ Change |
| :---: | :---: | :---: | :---: |
| (a) Ordinary: |  |  |  |
| 1. Investments | \$561,190 | \$553,781 | \$7,409 |
| 2. Fixed assets | 19,864,803 | 20,040,975 | $(176,172)$ |
| 3. Deferred and uncollected premium | 0 | 0 | 0 |
| 4. Policy holder reserves | 0 | 0 | 0 |
| 5. Other ( including items < $5 \%$ of total ordinary tax liabilities) | 149,239,071 | 142,799,701 | 6,439,370 |
| 99. Subtotal | 169,665,064 | 163,394,457 | 6,270,607 |
| (b) Capital: |  |  |  |
| 1. Investments | \$96,973,478 | \$119,515,957 | (\$22,542, 479) |
| 2. Real estate | 0 | 0 | 0 |
| 3. Other ( including items <5\% of total ordinary tax liabilities) | 0 | 0 | 0 |
| 99. Subtotal | 96,973,478 | 119,515,957 | $(22,542,479)$ |
| (c) Deferred tax liabilities (3a99 + 3b99) | \$266,638,542 | \$282,910,414 | (\$16,271,872) |

4. Net Deferred Tax Assets/(Liabilities)

|  | (1) | (2) | (3) <br> (Col 1-2) |
| :--- | :--- | :--- | :--- |
|  |  |  | 03/31/18 |
| 12/31/17 | Change |  |  |
| Net deferred tax assets (liabilities) (2i - 3c) | $\$ 40,951,920$ | $\$ 17,562,440$ | $\$ 23,389,480$ |

## NOTES TO FINANCIAL STATEMENTS

The change in net deferred income taxes is comprised of the following (this analysis is exclusive of nonadmitted assets as the Change in Nonadmitted Assets is reported separately from the Change in Net Deferred Income Taxes in the surplus section of the Annual Statement):

|  | $03 / 31 / 18$ | $12 / 31 / 17$ | Change |
| :--- | ---: | ---: | ---: |
| Total deferred tax assets | $\$ 307,590,462$ | $\$ 300,472,854$ | $\$ 7,117,608$ |
| Total deferred tax liabilities | $266,638,542$ | $282,910,414$ | $(16,271,872)$ |
| Net deferred tax assets/(liabilities) | $40,951,920$ | $17,562,440$ | $23,389,480$ |
| Statutory valuation allowance adjustment | 0 | 0 | 0 |
| Net deferred tax assets/(liabilities) after SVA | $40,951,920$ | $17,562,440$ | $23,389,480$ |
| Tax effect of unrealized gains (losses) | $96,973,478$ | $119,515,957$ | $(22,542,479)$ |
| Statutory valuation allow ance adjustment allocation to unrealized | 0 | 0 | 0 |
| Change in net deferred tax | $\$ 137,925,398$ | $\$ 137,078,397$ | $\$ 847,001$ |

D. Reconciliation of Federal Income Tax Rate to Actual Effective Rate

The provision for Federal income taxes incurred is different from that which would be obtained by applying the statutory Federal income tax rate to income before taxes. Among the more significant book to tax adjustments were the following:

|  | 03/31/18 |  | 12/31/17 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amount | Effective <br> Tax Rate | Amount | Effective <br> Tax Rate |
| Income before taxes | \$20,819,714 | 21.0\% | \$33,520,393 | 35.0\% |
| Change in deferred tax rate | 0 | 0.0\% | 88,436,846 | 92.3\% |
| Tax exempt interest, net of pro-ration | $(160,389)$ | -0.2\% | $(3,734,461)$ | -3.9\% |
| Dividends receiv ed deduction, net of pro-ration | $(243,520)$ | -0.2\% | $(3,641,910)$ | -3.8\% |
| Change in nonadmitted assets | $(3,258,919)$ | -3.3\% | $(38,271,199)$ | -40.0\% |
| Change in pension ov erfunded asset | 0 | 0.0\% | 16,561,752 | 17.3\% |
| Change in accounting principles | $(1,553,508)$ | -1.6\% | 5,823,912 | 6.1\% |
| Other | 287,913 | 0.3\% | $(3,250,880)$ | -3.4\% |
| Total | \$15,891,291 | 16.0\% | \$95,444,453 | 99.7\% |
| Federal income taxes incurred | (\$3,900,732) | -3.9\% | (\$58,381,354) | -61.1\% |
| Tax on capital gains (losses) | 20,639,024 | 20.8\% | 71,410,756 | 74.6\% |
| Change in net deferred tax es | $(847,001)$ | -0.9\% | 82,415,051 | 86.1\% |
| Total statutory income taxes | \$15,891,291 | 16.0\% | \$95,444,453 | 99.7\% |

E. Operating Loss and Tax Credit Carryforwards and Protective Tax Deposits

1. At March 31, 2018, the Company had the following unused operating loss and tax credit carryforwards available:

| Type | Amount | Origination <br> Date | Expiration <br> Date |
| :---: | :--- | ---: | :---: |
| Tax Credit Carry forw ard | $\$ 4,420,510$ | 2016 | 2026 |

2. The amounts of Federal income taxes incurred and available for recoupment in the event of future net losses are:

| Year | Total |
| :---: | :---: |
| 2017 | $\$ 14,677,922$ |

3. The Company did not have any protective tax deposits under Section 6603 of the Internal Revenue Code.
F. Consolidated Federal Income Tax Return
4. For 2018, the Company's Federal income tax return is consolidated with the following subsidiaries:
a. Amica General Agency, LLC
b. Amica Property and Casualty Insurance Company
c. Amica Life Insurance Company
5. The method of allocation between the companies is contained in a written agreement approved by the Board of Directors. Allocation is made in accordance with Section 1552(a)(2) of the Internal Revenue Code based upon separate return calculations with current credit for net losses. Inter-company estimated tax balances are settled at least quarterly during the tax year with a final settlement during the month following the filing of the consolidated income tax return.
G. Federal or Foreign Federal Income Tax Loss Contingencies

The Company does not have any tax loss contingencies for which it is reasonably possible that the total liability will significantly increase within twelve months of the reporting date.

## NOTES TO FINANCIAL STATEMENTS

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

A. Nature of Relationships

No change.
B. Detail of Transactions Greater than $1 \not 2 \%$ of Admitted Assets

Although there were no transactions greater than $1 / 2 \%$ of admitted assets, the Company made a $\$ 25,000,000$ capital contribution on January 2, 2018 to its wholly-owned insurance subsidiary, Amica Life Insurance Company (Amica Life). This contribution is intended to provide additional support with regard to Amica Life's growth initiatives. On January 26, 2018, the Company made a $\$ 20,000,000$ contribution to the Amica Pension Fund.
C. Changes in Terms of Intercompany Arrangements

No change.
D. Amounts Due (to) or from Related Parties

No change.
E. Guarantees or Undertakings for Related Parties

No change.
F. Management, Service Contracts, Cost Sharing Arrangements

No change.
G. Nature of Relationships that Could Affect Operations

No change.
H. Amount Deducted for Investment in Upstream Company

No change.
I. Detail of Investments in Affiliates Greater than 10\% of Admitted Assets

No change.
J. Write-downs for Impairment of Investments in Affiliates

No change.
K. Foreign Insurance Subsidiary Valued Using CARVM

No change.
L. Downstream Holding Company Valued Using Look-Through Method

No change.
M. All Subsidiary, Controlled and Affiliated (SCA) Investments

No change.
N. Insurance SCA Entities Utilizing Prescribed or Permitted Practices

1. The Company owns two insurance SCA entities that are carried at audited statutory equity value. Amica Property and Casualty Insurance Company follows no state prescribed or permitted practices that depart from NAIC statutory accounting practices and procedures (NAIC SAP). The statutory financial statements of Amica Life Insurance Company (Amica Life) reflect a Rhode Island Division of Insurance approved permitted practice, which deviates from required NAIC SAP. This permitted practice allows Amica Life to record directly to surplus the change in XXX reserves that is above the change in the reserves calculated on a discounted cash flow basis, instead of recording the change in XXX reserves directly to net income as required by NAIC SAP.
2. The monetary effect on net income and surplus as a result of using an accounting practice that differed from NAIC SAP, the amount of the investment in the insurance SCA per audited statutory equity and amount of the investment if the insurance SCA had completed statutory financial statements in accordance with the AP\&P Manual is as follows:

| SCA Entity <br> (Investment in Insurance SCA Entities) | Monetary Effect on NAIC SAP |  | Amount of Investment |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Net Income <br> Increase <br> (Decrease) | Surplus <br> Increase <br> (Decrease) | Per Audited <br> Statutory <br> Equity | If the Insurance SCA <br> Had Completed <br> Statutory Financial <br> Statements* |
|  | $(\$ 2,930,901)$ | $\$ 0$ | $\$ 333,634,964$ | $\$ 333,634,964$ |

3. This permitted practice has no effect on the surplus of Amica Life nor its reserve position, as Amica Life continues to establish reserves in accordance with Rhode Island Regulation 93. Therefore, no regulatory action or risk-based capital event would have been triggered had the practice not been followed.

## NOTES TO FINANCIAL STATEMENTS

## Note 11 - Debt

A. Debt Outstanding

No change.
B. Federal Home Loan Bank (FHLB) Funding Agreements

1. The Company is a member of the Federal Home Loan Bank (FHLB) of Boston with capital stock totaling $\$ 3.3$ million. While the Company may use its membership in the future for contingent liquidity needs, the Company does not currently have any borrowing agreements in place with the FHLB as of March 31, 2018.

2-4. No change.
Note 12 - Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans

## A. Defined Benefit Plans

The Company sponsors a defined benefit pension plan and a postretirement health care benefit plan covering substantially all employees of the Company. The Company has a noncontributory defined benefit pension plan whereby the benefits are based upon years of service and the employee's career average compensation. The plan is funded through a pension trust (Amica Pension Fund). The adoption of SSAP No. 102 did not have a surplus impact on the Company as the pension plan was overfunded by more than the transition liabilities.

In addition to pension benefits, the Company provides certain health care and life insurance benefits ("post retirement") for retired employees. Substantially all employees may become eligible for these benefits if they reach retirement age while working for the Company and satisfy certain service requirements. In 2005, the Company implemented an employee health care cost sharing arrangement with its employees. No employee contribution is required for employees retiring prior to January 1, 2005. Employees who retired after 2004 will contribute approximately $20 \%$ to their health care coverage for 2005 and going forward. In October 2013, the Company amended the postretirement health care benefits for current retirees and active employees. The amendment changes the future benefits provided to retirees to defined subsidy payments to facilitate purchasing coverage from an independent health exchange, effective January 1, 2015. In addition, employees hired on or after January 1, 2014 will not be eligible for postretirement health care benefits.

Life insurance benefits are based upon a multiple of salary and years of service at the date of retirement and are subject to a maximum benefit of $\$ 1,000,000$ for active employees and $\$ 250,000$ for retirees. The plan was amended in 2016 to increase the maximum active benefit from $\$ 500,000$ to $\$ 1,000,000$ and change the benefit for employees who retire after March 1 , 2016 to $\$ 25,000$.

1-3. No change.
4. Components of net periodic benefit cost

|  | Pension | efits | Postretireme | Benefits |
| :---: | :---: | :---: | :---: | :---: |
|  | 3/31/2018 | 12/31/2017 | 3/31/2018 | 12/31/2017 |
| a. Service cost | \$9,733,114 | \$42,350,593 | \$1,648,722 | \$6,706,743 |
| b. Interest cost | 14,446,744 | 58,829,165 | 3,856,869 | 16,788,419 |
| c. Expected return on plan assets | $(33,790,269)$ | $(119,782,072)$ | $(4,105,382)$ | $(14,515,798)$ |
| d. Transition asset or obligation | 118,288 | 473,153 | 2,746,066 | 10,984,264 |
| e. (Gains) and losses | 1,731,880 | 12,517,223 | 8,778 | 11,582 |
| f. Prior service cost or (credit) | $(1,863,601)$ | $(7,454,408)$ | $(10,890)$ | $(43,559)$ |
| g. (Gain) or loss recognized due to a settement or curtailment | 0 | 0 | 0 | 0 |
| h. Total net periodic beneft cost (income) | (\$9,623,844) | (\$13,066,346) | \$4,144,163 | \$19,931,651 |

The Company has no obligations to current or former employees for benefits after their employment but before their retirement.
5-20. No change.
21. The Company elected to phase in the transition liability relating to postretirement health care benefits under the transition guidance set forth in SSAP No. 92, "Accounting for Postretirement Benefits Other Than Pensions, A Replacement of SSAP No. 14". The total transition liability for the postretirement health care benefits was $\$ 169,973,289$ resulting in a minimum transition liability of $\$ 8,616,669$ after applying the guidance in paragraphs 103 bi and 103 bii. Through March $31,2018, \$ 169,973,289$ of this transition liability has been recognized. The current year transition liability of $\$ 8,616,669$ was recorded on January 1 , 2018, with Amica Mutual recording $\$ 7,888,123$ and the remaining $\$ 728,546$ recorded on the statements of Amica Life Insurance Company.

The following table includes the 2018 transition surplus activity:

|  | Transition liability |
| :--- | ---: |
| Beginning of y ear | $(\$ 8,616,669)$ |
| Recognized during y ear | $8,616,669$ |
| End of y ear funded status | $\$ 0$ |

## NOTES TO FINANCIAL STATEMENTS

B. Description of Investment Policies

No change.
C. Fair Value of Plan Assets

No change.
D. Rate of Return Assumptions

No change.
E. Defined Contribution Plans

No change.
F. Multiemployer Plans

No change.
G. Consolidated/Holding Company Plans

No change.
H. Postemployment Benefits and Compensated Absences

No change.
I. Impact of Medicare Modernization Act on Postretirement Benefits

No change.
Note 13 - Capital and Surplus, Shareholders' Dividend Restrictions and Quasi-Reorganizations

1. Outstanding Shares

No change.
2. Dividend Rate of Preferred Stock

No change.
3. Dividend Restrictions

No change.
4. Dates and Amounts of Dividends Paid

No change.
5. Amount of Ordinary Dividends That May Be Paid

No change.
6. Restrictions on Unassigned Funds

No change.
7. Mutual Surplus Advances

No change.
8. Company Stock Held for Special Purposes

No change.
9. Changes in Special Surplus Funds

No change.
10. Changes in Unassigned Funds

The portion of unassigned funds (surplus) represented by cumulative unrealized capital gains is $\$ 578,657,105$, net of deferred taxes.
11. Surplus Notes

No change.
12. Impact of Quasi Reorganizations

No change.
13. Effective Date of Quasi Reorganizations

No change.

## NOTES TO FINANCIAL STATEMENTS

## Note 14 - Liabilities, Contingencies and Assessments

A. Contingent Commitments

1. The Company has made commitments to make additional investments in the following:

| Investment Fund | Am ount |
| :--- | ---: |
| Adams Street Priv ate Credit Fund LP | $\$ 19,605,400$ |
| AEA Mezzanine Fund III, LP | $1,653,704$ |
| Cy prium Inv estors IV, LP | $3,498,004$ |
| Cy prium Investors V, LP * | $3,275,000$ |
| GCG Inv estors IV, LP | $4,484,482$ |
| GLC Direct Credit Fund, LP | 548,739 |
| Goldman Sachs Priv ate Equity Partners XI, LP | 104,102 |
| GoldPoint Mezzanine Partners IV, LP | $6,749,149$ |
| Gray cliff Mezzanine II ParalleI, LP | 567,463 |
| Gray cliff Mezzanine III Parallel, LP * | $5,000,000$ |
| Heartw ood Forestland REIT III, LLC | 986,855 |
| Ly me Forest Fund IV, LP | $1,600,000$ |
| Ly me Forest Fund V, LP * | $20,000,000$ |
| Midw est Mezzanine Fund V SBIC, LP | $1,251,678$ |
| Morgan Stanley Priv ate Markets Fund III | 533,055 |
| Point Judith Venture Fund III, LP | 159,500 |
| Point Judith Venture Fund IV, LP | $18,406,494$ |
| Sav ano Capital Partners II, LP | $7,200,000$ |
| Stonepeak Infrastructure Fund III, LP | $22,331,863$ |
| Total | $\$ 117,955,488$ |
|  |  |
| * Reflects commitments to funds not y et ow ned as of March $31, ~ 2018$. |  |

2-3. No change.
B. Assessments

No change.
C. Gain Contingencies

No change.
D. Claims Related Extra Contractual Obligations and Bad Faith Losses Stemming from Lawsuits

No change.
E. Product Warranties

No change.
F. Joint and Several Liabilities

No change.
G. All Other Contingencies

No change.

## Note 15 - Leases

No change.

## Note 16 - Information about Financial Instruments with Off-Balance Sheet Risk and Financial Instruments With Concentrations of

 Credit RiskNo change.

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

A. Transfers of Receivables Reported as Sales

No change.
B. Transfer and Servicing of Financial Assets

The Company did not transfer or service financial assets in 2018 or 2017.
C. Wash Sales

The Company did not have any wash sales during 2018 or 2017.

## NOTES TO FINANCIAL STATEMENTS

## Note 18 - Gain or Loss from Uninsured Accident and Health Plans and the Uninsured Portion of Partially Insured Plans

 No change.
## Note 19 - Direct Premiums Written / Produced by Managing General Agents / Third Party Administrators

No change.

## Note 20 - Fair Value Measurement

A. Assets and Liabilities Measured at Fair Value

1. Fair Value Measurements at March 31, 2018:

The Company's valuation techniques are based on observable and unobservable pricing inputs. Observable inputs reflect market data obtained from independent sources based on trades of securities, while unobservable inputs reflect the Company's market assumptions. These inputs comprise the following fair value hierarchy:

Level 1 - Observable inputs in the form of quoted prices for identical instruments in active markets.
Level 2-Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active or other inputs that are observable or can be derived from observable market data for substantially the full term of the assets or liabilities.

Level 3 - One or more unobservable inputs that are supported by little or no market activity and are significant to the fair value of the assets and liabilities. Level 3 assets and liabilities include financial instruments whose value is determined using internal models, as well as instruments for which the determination of fair value requires significant management judgment or estimation.

| Description | Level 1 | Level 2 | Level 3 | Total | Net Asset Value Incl. in Level 2 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (a) Assets at fair value: |  |  |  |  |  |
| Common stock: |  |  |  |  |  |
| Industrial and miscellaneous | \$1,197,644,662 | \$3,260,900 | \$0 | \$1,200,905,562 | \$0 |
| Total common stock | 1,197,644,662 | 3,260,900 | 0 | 1,200,905,562 | 0 |
| Cash equiv alents and short-term investments: |  |  |  |  |  |
| Exempt money market mutual funds | 0 | 7,809,929 | 0 | 7,809,929 | 7,809,929 |
| Total cash equiv alents and short-term investments | 0 | 7,809,929 | 0 | 7,809,929 | 7,809,929 |
| Total assets at fair value | \$1,197,644,662 | \$11,070,829 | \$0 | \$1,208,715,491 | \$7,809,929 |
| (b) Liabilities at fair value: |  |  |  |  |  |
| Total liabilities at fair v alue | \$0 | \$0 | \$0 | \$0 | \$0 |

There were no transfers between Level 1, Level 2, or Level 3 in the current year.
Because net asset value (NAV) is more readily available, the Company elects to use NAV for all of its money market mutual funds.
2. Rollforward of Level 3 Items

As of March 31, 2018, the Company did not hold any investments with a Level 3 fair value measurement. There were no purchases, sales, or settlements of Level 3 assets during 2018.
3. Policy on Transfers Into and Out of Level 3

The Company recognizes transfers between levels at the end of the reporting period.
4. Inputs and Techniques Used for Level 2 and Level 3 Fair Values

Level 2 financial assets are comprised of class B shares of capital stock in the FHLB of Boston, which are not actively traded on an exchange, and exempt money market mutual funds carried at net asset value. The price of FHLB capital stock cannot fluctuate, and must be purchased, repurchased or transferred at its par value.
5. Derivative Fair Values

The Company did not hold derivative assets or liabilities at March 31, 2018.
B. Other Fair Value Disclosures

Not applicable.

## NOTES TO FINANCIAL STATEMENTS

C. Fair Value Measurements for All Financial Instruments at March 31, 2018:

| Type of Financial Instrument | Aggregate <br> Fair Value | Admitted <br> Assets | Level 1 | Level 2 | Level 3 | Not Practicable (Carrying Value) | Net Asset Value Incl. in Level 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bonds: |  |  |  |  |  |  |  |
| U.S. governments | \$887,875,374 | \$897,701,001 | \$105,978,272 | \$781,897,102 | \$0 | \$0 | \$0 |
| Municipal bonds | 343,379,826 | 338,297,240 | 0 | 343,379,826 | 0 | 0 | 0 |
| U.S. special revenue and assessments | 423,764,795 | 429,147,628 | 0 | 423,764,795 | 0 | 0 | 0 |
| Industial and miscellaneous | 840,012,107 | 842,921,557 | 0 | 840,012,107 | 0 | 0 | 0 |
| Total bonds | 2,495,032,102 | 2,508,067,426 | 105,978,272 | 2,389,053,830 | 0 | 0 | 0 |
| Common stock: |  |  |  |  |  |  |  |
| Industial and miscellaneous | 1,200,905,562 | 1,200,905,562 | 1,197,644,662 | 3,260,900 | 0 | 0 | 0 |
| Total common stock | 1,200,905,562 | 1,200,905,562 | 1,197,644,662 | 3,260,900 | 0 | 0 | 0 |
| Mortgage loans: |  |  |  |  |  |  |  |
| Commercial mortgages | 77,951,445 | 78,759,669 | 0 | 77,951,445 | 0 | 0 | 0 |
| Total mortgage loans | 77,951,445 | 78,759,669 | 0 | 77,951,445 | 0 | 0 | 0 |
| Cash equivalents and shor-term investments: |  |  |  |  |  |  |  |
| Exempt money market mutual funds | 7,809,929 | 7,809,929 | 0 | 7,809,929 | 0 | 0 | 7,809,929 |
| Commercial paper | 240,790,668 | 240,790,668 | 0 | 240,790,668 | 0 | 0 | 0 |
| Total cash equiv alents and shor-term investments | 248,600,597 | 248,600,597 | 0 | 248,600,597 | 0 | 0 | 7,809,929 |
| Total assets | \$4,022,489,706 | \$4,036,333,254 | \$1,303,622,934 | \$2,718,866,772 | \$0 | \$0 | \$7,809,929 |

D. Not Practicable to Estimate Fair Value

The Company does not have any securities for which it is not practicable to estimate fair value.

## Note 21 - Other Items

A. Unusual or Infrequent Items

No change.
B. Troubled Debt Restructuring: Debtors

No change.
C. Other Disclosures

No change.
D. Business Interruption Insurance Recoveries

No change.
E. State Transferable and Non-Transferable Tax Credits

1. Carrying Value of Transferable and Non-transferable State Tax Credits Gross of any Related Tax Liabilities and Total Unused Transferable and Non-transferable State Tax Credits by State and in Total

| Description of State Transferable <br> and Non-transferable Tax Credits |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
|  | State |  |  |
|  |  |  |  |
| Conrrying Value | Unused Amount |  |  |
| Film Production Tax Credit |  |  |  |
| Coal Refuse Energy \& Reclamation Tax Credit | CT | $\$ 137,436$ | $\$ 599,436$ |
| Total | PA | $2,712,295$ | $3,024,772$ |
|  |  | 262,197 | 275,997 |

2. Method of Estimating Utilization of Remaining Transferable and Non-transferable State Tax Credits

The Company estimated the utilization of the remaining transferable and non-transferable state tax credits by projecting future premium taking into account policy growth and rate changes, projecting future tax liability based on projected premium, tax rates and tax credits, and comparing the projected future tax liability to the availability of remaining transferable and nontransferable state tax credits.

## NOTES TO FINANCIAL STATEMENTS

3. Impairment Loss

The Company did not realize an impairment loss during the period as a result of impairment analysis of the carrying amount from state transferable and non-transferable tax credits.
4. State Tax Credits Admitted and Nonadmitted

|  |  |  |
| :--- | ---: | ---: |
|  | Total Admitted | Total Nonadmitted |
| a. Transferable | $\$ 3,111,928$ | $\$ 0$ |
| b. Non-transferable | $\$ 0$ | $\$ 0$ |

F. Subprime Mortgage Related Risk Exposure

No change.
G. Insurance-Linked Securities (ILS) Contracts

No change.

## Note 22 - Events Subsequent

In April 2018, the Company was approved to become a participating insurer with the California Earthquake Authority (CEA) in order to transfer all California earthquake coverage to the CEA. The CEA is a privately funded not-for-profit entity established in 1996 by the California Legislature that partners with participating insurers to offer earthquake coverage. The Company currently offers earthquake coverage as an endorsement on the homeowners policy in California and reported written premium of $\$ 14.6$ million on this line of business in 2017. The Company plans to begin transferring the coverage in the fourth quarter of 2018, with all California earthquake risk expected to be transferred to the CEA by the end of 2019. The membership in the CEA will require the Company to make a capital contribution to the CEA based on market share, estimated at approximately $\$ 14.0$ million, to be payable when the Company begins issuing CEA policies.

## Note 23 - Reinsurance

No change.

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

The Company does not have any retrospectively rated contracts or contracts subject to redetermination.

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

Reserves as of December 31, 2017 were $\$ 1.23$ billion. As of March 31, 2018, $\$ 221.4$ million has been paid for incurred losses and loss adjustment expenses attributable to insured events of prior years. Reserves remaining for prior years are now $\$ 996.4$ million as a result of re-estimation of unpaid claims and claim adjustment expenses principally on homeowners and automobile lines of insurance. Therefore, there has been a $\$ 16.2$ million favorable prior-year development from December 31, 2017 to March 31, 2018. This decrease is generally the result of ongoing analysis of recent loss development trends. Original estimates are increased or decreased as additional information becomes known regarding individual claims.

## Note 26 - Intercompany Pooling Arrangements

No change.

## Note 27 - Structured Settlements

No change.

## Note 28 - Health Care Receivables

No change.

## Note 29 - Participating Policies

No change.
Note 30 - Premium Deficiency Reserves
No change.

## Note 31 - High Deductibles

No change.

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

No change.
Note 33 - Asbestos and Environmental Reserves
No change.

## Note 34 - Subscriber Savings Accounts

No change.

## NOTES TO FINANCIAL STATEMENTS

Note 35 - Multiple Peril Crop Insurance
No change.
Note 36 - Financial Guaranty Insurance
The Company does not write financial guaranty insurance

## sTATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY <br> GENERAL INTERROGATORIES

## PART 1 - COMMON INTERROGATORIES

## GENERAL



| 1 | 2 | 3 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Affiliate Name | Location (City, State) | 4 | 5 | 6 |

## GENERAL INTERROGATORIES

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

FINANCIAL
10.1 Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement?

Yes [ X ] No [ ]
10.2 If yes, indicate any amounts receivable from parent included in the Page 2 amount:

INVESTMENT
11.1 Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available fo use by another person? (Exclude securities under securities lending agreements.)
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
13. Amount of real estate and mortgages held in short-term investments:
$\$$
14.1 Does the reporting entity have any investments in parent, subsidiaries and affiliates?
14.2 If yes, please complete the following:


Prior Year-End Book/Adjusted Carrying Value

| 14.21 | Bonds | \$ |  |
| :---: | :---: | :---: | :---: |
| 14.22 | Preferred Stock | \$ |  |
| 14.23 | Common Stock | \$ | 388,074,541 |
| 14.24 | Short-Term Investments | \$ |  |
| 14.25 | Mortgage Loans on Real Estate | \$ |  |
| 14.26 | All Other | \$ | 10,243,440 |
| 14.27 | Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26) | \$ | 398,317,981 |
| 14.28 | Total Investment in Parent included in Lines 14.21 to 14.26 above |  |  |

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

## GENERAL INTERROGATORIES

16. For the reporting entity's security lending program, state the amount of the following as of the current statement date:
16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2. ........................................................ \$
16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 ..............................
16.3 Total payable for securities lending reported on the liability page. ............................................................................................. \$
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 [ X ]
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) | Custodian Address |
| :---: | :---: |
| State Street Bank and Trust Company | 801 PennsyIvania Avenue, Kansas City, MO 64105 |

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:

| $\begin{gathered} 1 \\ \text { Name(s) } \end{gathered}$ | $\begin{gathered} 2 \\ \text { Location(s) } \end{gathered}$ | 3 Complete Explanation(s) |
| :---: | :---: | :---: |
| Ashmore | Ashmore | Ashmore Mutual Funds |
| Fidelity | Fidelity Investments | Fidelity Mutual Funds |
| Morgan Stanley | Morgan Stanley | Morgan Stanley Mutual Funds |
| T. Rowe Price | T. Rowe Price | T. Rowe Price Institutional Market Equity Fund |

17.3 Have there been any changes, including name changes, in the custodian(s) identified in 17.1 during the current quarter?

Yes [ ] No [ X ]
17.4 If yes, give full information relating thereto:

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
| Old Custodian | New Custodian | Date of Change | 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 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"]

| Name of Firm or Individual | $2$ <br> Affiliation |
| :---: | :---: |
| Robert K. Benson, Senior Vice President and Chief Investment Officer | I. |

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?.
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?
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

| $1$ <br> Central Registration Depository Number | Name of Firm or Individual | 3 Legal Entity Identifier (LEI) | 4 Registered With | 5 <br> Investment Management Agreement (IMA) Filed |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |

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 $5^{*} \mathrm{GI}$ securities, the reporting entity is certifying the following elements for each self-designated $5^{*} \mathrm{GI}$ security: a. Documentation necessary to permit a full credit analysis of the security does not exist
b. Issuer or obligor is current on all contracted interest and principal payments.
c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.

Has the reporting entity self-designated $5^{*} \mathrm{GI}$ securities?

## GENERAL INTERROGATORIES

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 [ ] N/A [ X ] 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.

$$
0
$$

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?
4.2 If yes, complete the following schedule:

|  |  |  | TOTAL DISCOUNT |  |  |  | DISCOUNT TAKEN DURING PERIOD |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 <br> Line of Business | $2$ <br> Maximum Interest | 3 Discount Rate | 4 Unpaid <br> Losses | 5 Unpaid LAE | $\begin{gathered} 6 \\ \text { IBNR } \end{gathered}$ | $\begin{gathered} 7 \\ \text { TOTAL } \end{gathered}$ | 8 Unpaid <br> Losses | 9 Unpaid LAE | $\begin{gathered} 10 \\ \text { IBNR } \end{gathered}$ | $\begin{gathered} 11 \\ \text { TOTAL } \end{gathered}$ |
|  |  | TOTA |  |  |  |  |  |  |  |  |

5. Operating Percentages:
$\qquad$
5.2 A\&H cost containment percent _....................................................................................................................................................................................................................... $\%$


6.2 If yes, please provide the amount of custodial funds held as of the reporting date ....................................................................................................................

6.4 If yes, please provide the balance of the funds administered as of the reporting date ......................................................................................

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 [ ]

STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE F - CEDED REINSURANCE


STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN

| States, etc. | 1 | Direct Premiums Written |  | Direct Losses Paid (Deducting Salvage) |  | Direct Losses Unpaid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Active Status <br> (a) | $\begin{gathered} 2 \\ \text { Current Year } \\ \text { To Date } \end{gathered}$ | $\begin{gathered} 3 \\ \text { Prior Year } \\ \text { To Date } \end{gathered}$ | $\begin{gathered} 4 \\ \begin{array}{c} \text { Current Year } \\ \text { To Date } \end{array} \end{gathered}$ | $\begin{gathered} 5 \\ \text { Prior Year } \\ \text { To Date } \\ \hline \end{gathered}$ | $\begin{gathered} 6 \\ \begin{array}{c} 6 \text { Current Year } \\ \text { To Date } \end{array} \end{gathered}$ | Prior Year To Date |
| 1. Alabama .-..-manamander | L | 946,999 | 848,976 | 269,517 | 177,602 | 743,700 | 1,347,165 |
| 2. Alaska _-a AK | L | 91,326 | 82,525 | 32,313 | 172,744 | 71,232 | 95,659 |
|  | L | 7,755,939 | 6,387,261 | 4,001,739 | 3,633,697 | 11,723, 140 | 12,250,401 |
| 4. Arkansas ...............AR | L | 580,043 | 504,201 | 350,430 | 295,959 | 751,510 | 780,001 |
| 5. California | L | 34,335,566 | 31,024,202 | 30,087,919 | 20, 180,421 | 76,170,042 | 65,855,666 |
| 6. Colorado .-.-a | L | 13,936,973 | 10,940,346 | 6,346,346 | 6,771, 182 | 19,083,060 | 16,571,490 |
|  | L | 43,267,534 | 42,061,026 | 28,089,054 | 23, 152,044 | 124,007,804 | 120,048,353 |
| 8. Delaware .... ${ }^{\text {a }}$ | L | 1,463,445 | .1,214,647 | 464,191 | 463,504 | 1,858,671 | 1,990,595 |
| 9. District of Columbia ...... DC | L | 1,190,112 | .1,126,425 | 1,000,945 | 871,974 | 2,927,105 | 3,733,591 |
| 10. Florida ....- ${ }^{\text {a }}$ | L | 40,880,873 | 39,963,912 | 34,682,281 | 27,550,898 | 85,969,713 | 87,762,762 |
| 11. Georgia | L | 20,214,484 | 20,361,328 | 14,858,863 | 12,397, 129 | 32, 113,257 | 30, 164,209 |
| 12. Hawaii -..-_- | L |  |  |  |  |  |  |
| 13. Idaho -...-a | L | 749, 131 | 611,655 | 202,865 | 355,314 | 1,309,040 | 1,425,302 |
| 14. Illinois ...........-.......IL | L | 6,015,287 | 5,732,922 | 2,812,914 | 4,020,024 | 14, 122,533 | 11,899,262 |
|  | L | 2,619,484 | 2,580,735 | 1,517,439 | 2, 134,906 | 3,950,672 | 3,826,450 |
| 16. lowa -.-a) | L | 596,227 | 561,211 | 395,895 | .577,653 | 699,349 | 1,057,974 |
| 17. Kansas ....a | L | 1,295,471 | .1,175,040 | 651,892 | 465,281 | 1,133,637 | 795,526 |
| 18. Kentucky .......an | L | 2,217,741 | 2,305,023 | 2,041,790 | 1,667,495 | 5,688,555 | 4,374,930 |
|  | L | 1,933,303 | .1,829, 120 | 827,169 | 1,230,114 | 2, 106,281 | 3,723,039 |
|  | L | 2,967,862 | .2,763,555 | 3,035,334 | 2,275,704 | 4,822,037 | 5,508,441 |
| 21. Maryland ...- | L | 9, 182,365 | 8,458,824 | 6,645,142 | 5,455,695 | 15,099,402 | 12,544,961 |
| 22. Massachusetts ............MA | L | 57,545,613 | 56,325,584 | 43,568,816 | 36,576,528 | 105,579,469 | 93,548,211 |
|  | L | 5,492,901 | 5, 167,834 | 3,275,431 | 3,042,701 | .12,948,411 | 14,025,010 |
|  | L | 4,116,551 | 3,990,020 | 1,839,561 | 1,775,366 | 8,820,842 | 7,173,674 |
| 25. Mississippi ......-........MS | L | 399,901 | 353,445 | 194,042 | .132,310 | .1,165, 139 | 410,063 |
| 26. Missouri ..-.- | L | 2,894,208 | 2,561,278 | 1,822,425 | 1,814,812 | 6,115, 173 | 6,839,293 |
| 27. Montana _-_MT | L | 243,594 | 194,727 | 54,261 | 29,614 | 51,506 | 188,287 |
| 28. Nebraska - -momormer | L | 852,242 | 734,659 | 811,108 | 387,214 | .1,557,783 | 1,041,354 |
| 29. Nevada -..-_- NV | L | 2,264,970 | .1,812, 138 | 1,596, 181 | 1,122,207 | 6,363,669 | 7,038,803 |
| 30. New Hampshire ...-.-.....NH | L | 10,746,449 | 10,376, 153 | 4,851,344 | 6,571,626 | 22,074,437 | 19,194,726 |
| 31. New Jersey ...-mornorn | L | 13,467,279 | 13,236,216 | 9,216,283 | 6,320,318 | 36,631, 161 | 33,999,513 |
| 32. New Mexico ...._ | L | 1,875,012 | 1,652,003 | 758,264 | 760,644 | 3,385, 159 | 3,029,043 |
|  | L | 30,827,349 | 30,703,791 | 19,027,582 | 20,896,327 | 80,410,097 | 81,863,055 |
| 34. North Carolina -..-I.-...NC | L | 20,691,564 | 19,413,809 | 13,593,612 | 12,011,272 | 31,914,793 | 31,982,470 |
|  | L | 56,860 | 63,059 | 19,170 | 46,692 | 291,621 | 302,228 |
| 36. Ohio ...- | L | 5,520,952 | 5,232,062 | 2,839,218 | 4,238,656 | 6,982,995 | 8,519,526 |
| 37. Oklahoma | L | 911,778 | 874,146 | 163, 122 | 210,339 | 843,945 | 1,272,208 |
|  | L | 7,726,040 | 6,294,743 | 3,386,778 | 3,410,510 | 16,807,763 | 13,522,753 |
| 39. Pennsylvania _-_-P PA | L | 10,898,424 | 10,865,735 | 9,067,903 | 6,555, 138 | 20,564,964 | 22,099,768 |
| 40. Rhode Island ............. RI | L | 40,002,753 | 38,655,498 | 32,073,667 | 23,332,987 | 90,075,911 | 88,708,030 |
| 41. South Carolina ....-......SC | L | 5,478,268 | 4,894,754 | 2,676,765 | .2,636,268 | 9,009,234 | 8,925,737 |
| 42. South Dakota ........... SD | L | 52,539 | 55,095 | 34,919 | 31,379 | 231,039 | 29,699 |
| 43. Tennessee _-_-_- TN | L | 4, 163,031 | 3,940,075 | 2,455,609 | 2,178,396 | 3,653,487 | 4,872, 161 |
|  | L | 84,047,486 | 80,391, 124 | 49,775,545 | 51,572,208 | 115,087,952 | 129,210,922 |
|  | L | .1,054,542 | 897,203 | 546,649 | 438,139 | 2,488,249 | .777,538 |
|  | L | .1,394,683 | .1,300, 185 | 655,629 | 488,683 | 2,516,694 | 3,888,439 |
| 47. Virginia ..._- VA | L | 7,900,021 | 7,267,289 | 5,336,071 | 4,077,498 | 14,782, 165 | 12,739,748 |
| 48. Washington .....a.a......WA | L | 11,675,682 | 10,204,787 | 7,143,277 | 7,987,525 | 29,080,487 | 33,954,861 |
|  | L | 512,824 | 470,461 | 525,721 | 374,745 | 244,378 | 451,009 |
| 50. Wisconsin ..............WI | L | 2,453,424 | 2,311,591 | .1,705,649 | 1,676,872 | 5, 187,829 | 7,201,486 |
|  | L | .164,481 | .146,554 | .37,044 | 44,742 | .112,617 | 24,794 |
| 52. American Samoa ........AS | N |  |  |  |  |  |  |
|  | N |  |  |  |  |  |  |
| 54. Puerto Rico -..-_- | N |  |  |  |  |  |  |
| 55. U.S. Virgin Islands .......-VI | N. |  |  |  |  |  |  |
| 56. Northern Mariana <br> Islands. $\qquad$ MP | N. |  |  |  |  |  |  |
| 57. Canada ....-a | N. |  |  |  |  |  |  |
| 58. Aggregate Other Alien OT | XXX |  |  |  |  |  |  |
| 59. Totals | xxx | 527,671,586 | 500,918,952 | 357,365,684 | 314,591,056 | 1,039,329,709 | 1,022,590,186 |
| DETAILS OF WRITE-INS |  |  |  |  |  |  |  |
| 58001. | XXX |  |  |  |  |  |  |
| 58002. | xxx |  |  |  |  |  |  |
| 58003. | xXX |  |  |  |  |  |  |
| 58998. Summary of remaining write-ins for Line 58 from overflow page | . XXX |  |  |  |  |  |  |
| 58999. Totals (Lines 58001 through 58003 plus 58998)(Line 58 above) | XXX |  |  |  |  |  |  |

(a) Active Status Counts:

L- Licensed or Chartered - Licensed Insurance carrier or domiciled RRG
E - Eligible - Reporting entities eligible or approved to write surplus lines in the state (other than their state of domicile - see DSLI).
D - Domestic Surplus Lines Insurer (DSLI) - Reporting entities authorized to write surplus lines in the state of domicile.

Q - Qualified - Qualified or accredited reinsurer
N - None of the above - Not allowed to write
business in the state

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


## SCHEDULE Y

## PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM



PART 1 - LOSS EXPERIENCE

| Line of Business |  | Current Year to Date |  |  | 4 <br> Prior Year to Date <br> Direct Loss <br> Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 $\substack{1 \\ \text { Direct Premiums } \\ \text { Earned }}$ | $\begin{gathered} 2 \\ \text { Direct Losses } \\ \text { Incurred } \end{gathered}$ | 3 Direct Loss Percentage |  |
| 1. | Fire. | 2,269,936 | 540,641 | 23.8 | 53.5 |
| 2. | Allied Lines | 5,472,414 | 4,695, 176 | --85 | 99.9 |
| 3. | Farmowners multiple peril |  |  |  |  |
| 4. | Homeowners multiple peril | 208,834,846 | 146,656,972 | 70.2 | 70.3 |
| 5. | Commercial multiple peril . |  |  |  |  |
| 6. | Mortgage guaranty |  |  |  |  |
| 8. | Ocean marine | 1,257,592 | 95,370 | 7.6 | (0.8) |
| 9. | Inland marine | 3,747,079 | 1,663,915 | --- | 43.4 |
| 10. | Financial guaranty |  |  |  |  |
| 11.1 | Medical professional liability - occurrence |  |  |  |  |
| 11.2 | Medical professional liability - claims-made |  |  |  |  |
| 12. | Earthquake | . 5,688,593 | $(-).(20,000)$ | --- | 0.2 |
| 13. | Group accident and health. |  |  |  |  |
| 14. | Credit accident and health. |  |  |  |  |
| 15. | Other accident and health |  |  |  |  |
| 16. | Workers' compensation | 15,325 |  |  |  |
| 17.1 | Other liability - occurrence | 16,202,949 | 4,052,632 | 25.0 | 15.8 |
| 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 | 190,257,091 | 129,714,634 | 68.2 | 75.8 |
| 19.3,19.4 | Commercial auto liability | 48,894 | $(8,291)$ | (17.0) |  |
| 21. | Auto physical damage | 128,680,208 | 74,675,583 | 58.0 | 61.2 |
| 22. | Aircraft (all peris) |  |  |  |  |
| 23. | Fidelity |  |  |  |  |
| 24. | Surety |  |  |  |  |
| 26. | Burglary and theft |  |  |  |  |
| 27. | Boiler and machinery |  |  |  |  |
| 28. | Credit... |  |  | - |  |
| 29. | International |  |  |  |  |
| 30. | Warranty |  |  |  |  |
| 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 ..- |  |  |  |  |
| 35. | Totals | 562,474,927 | 362,066,632 | 64.4 | 67.6 |
|  |  |  |  |  |  |
|  |  | $\begin{aligned} & 302 . \\ & 3403 . \end{aligned}$ |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 3498. | Summary of remaining write-ins for Line 34 from overflow page |  |  |  |  |
| 3499. | Totals (Lines 3401 through 3403 plus 3498)(Line 34 above) |  |  |  |  |

PART 2 - DIRECT PREMIUMS WRITTEN

|  | Line of Business | 1 Current Quarter | 2 Current Year to Date | 3 Prior Year Year to |
| :---: | :---: | :---: | :---: | :---: |
| 1. | Fire | 2,007,518 | 2,007,518 | 2,066,373 |
| 2. | Allied Lines | 5,212,402 | 5,212,402 | 4,663,991 |
| 3. | Farmowners multiple peril |  |  |  |
| 4. | Homeowners multiple peril | .179,298,605 | -.....-179,298,605 | -.....-166,398,716 |
| 5. | Commercial multiple peril |  |  |  |
| 6. | Mortgage guaranty |  |  |  |
| 8. | Ocean marine | 751,818 | 751,818 | 776,235 |
| 9. | Inland marine | 2,987,111 | 2,987,111 | 2,953,612 |
| 10. | Financial guaranty |  |  |  |
| 11.1 | Medical professional liability - occurrence |  |  |  |
| 11.2 | Medical professional liability - claims-made |  |  |  |
| 12. | Earthquake | 4,999,466 | 4,999,466 | 4,535,373 |
| 13. | Group accident and health. |  |  |  |
| 14. | Credit accident and health |  |  |  |
| 15. | Other accident and health |  |  |  |
| 16. | Workers' compensation | 12,280 | 12,280 | 12,423 |
| 17.1 | Other liability - occurrence | 14,956,417 | 14,956,417 | 14,107,893 |
| 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 | 189,547,934 | 189,547,934 | .183,222,496 |
| 19.3,19.4 | Commercial auto liability | 47,852 | 47,852 |  |
| 21. | Auto physical damage | 127,850, 183 | .127,850, 183 | .122, 181,840 |
| 22. | Aircraft (all perils) |  |  |  |
| 23. | Fidelity ....... |  |  |  |
| 24. | Surety |  |  |  |
| 26. | Burglary and theft |  |  |  |
| 27. | Boiler and machinery |  |  |  |
| 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 . |  |  |  |
| 35. | Totals | 527,671,586 | 527,671,586 | 500,918,952 |
|  | DETAILS OF WRITE-INS |  |  |  |
| 3401. 3402. |  |  |  |  |
| 3402. 3403. |  |  |  |  |
| 3403. |  |  |  |  |
| 3498. | Summary of remaining write-ins for Line 34 from overflow page . |  |  |  |
| 3499. | Totals (Lines 3401 through 3403 plus 3498)(Line 34 above) |  |  |  |

STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY

## PART 3 (000 omitted)

|  | Years in Which Losses Occurred | Prior Year-End Known Case Loss and LAE Reserves | 2 <br>  <br>  <br> Prior Year- <br> End IBNR <br> Loss and LAE <br> Reserves | Total Prior Year-End Loss and LAE Reserves (Cols. 1+2) |  <br>  <br> 2018 Loss and <br> LAE Payments on <br> Claims Reported <br> as of Prior <br> Year-End <br> Yeal | 5 <br>  <br> 2018 Loss and <br> LAE Payments on <br> Claims <br> Unreported <br> as of Prior <br> Year-End | Total 2018 Loss and LAE Payments (Cols. 4+5) | 7 Q.S. Date Known Case Loss and LAE Reserves on Claims Reported and Open as of Prior Year End | 8 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 | 10 <br>  <br> Total Q.S. Loss <br> and LAE <br> Reserves <br> (Cols. $7+8+9$ ) | 11 <br> Prior YYar-End <br> Known Case Loss <br> and LAE Reserves <br> Developed <br> (Savings) <br> Deficiency <br> (Cols.4+7 <br> minus Col. 1) | 12 Prior Year-End IBNR Loss and LAE Reserves Developed (Savings)/ Deficiency (Cols. 5+8+9 minus Col. 2) | 13 <br> Prior Year-End <br> Total Loss and <br> LAE Reserve <br> Developed <br> (Savings) <br> Deficiency <br> (Cols. 11+12) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | 2015 + Prior | 299,283 | . $(21,116)$ | 278,167 | 31,699 | 1,512 | 33,211 | 261,642 | 7,605 | $(22,577)$ | 246,670 | $(5,942)$ | 7,656 | 1,714 |
| 2. | 2016 | 232,708 | 27,665 | 260,373 | 28,624 | 3,496 | 32, 120 | 204,556 | 11,651 | 16,770 | 232,977 | 472 | 4,252 | 4,724 |
| 3. | Subtotals $2016+$ Prior | 531,991 | 6,549 | 538,540 | 60,323 | 5,008 | 65,331 | 466, 198 | 19,256 | $(5,807)$ | 479,647 | $(5,470)$ | 11,908 | 6,438 |
| 4. | 2017 | 517,805 | .177,654 | 695,459 | .103,052 | 53,046 | .156,098 | .333,361 | 47,794 | 135,578 | 516,733 | $(81,392)$ | 58,764 | $(22,628)$ |
| 5. | Subtotals $2017+$ Prior | .1,049,796 | .184,203 | 1,233,999 | .163,375 | 58,054 | 221,429 | 799,559 | 67,050 | 129,771 | .996,380 | ( $(86,862)$ | 70,672 | $(16,190)$ |
| 6. | 2018 | XXX | XXX | XXX | XXX | 206,236 | 206,236 | xxx | 183,493 | 49,829 | 233,322 | XXX | XXX | XXX |
| 7. | Totals | 1,049,796 | 184,203 | 1,233,999 | 163,375 | 264,290 | 427,665 | 799,559 | 250,543 | 179,600 | 1,229,702 | $(86,862)$ | 70,672 | $(16,190)$ |
| 8. | Prior Year-End Surplus <br> As Regards <br> Policyholders | 2,669,490 |  |  |  |  |  |  |  |  |  | Col. 11, Line 7 <br> As \% of Col. 1 <br> Line 7 | Col. 12, Line 7 As \% of Col. 2 Line 7 | Col. 13, Line 7 As \% of Col. 3 Line 7 |
|  |  |  |  |  |  |  |  |  |  |  |  | 1. (8.3) | 2. 38.4 | 3. (1.3) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | Col. 13, Line 7 As a \% of Col. 1 Line 8 <br> 4. $(0.6)$ |

## 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.

Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?
2. Will Supplement A to Schedule T (Medical Professional Liability Supplement) be filed with this statement? ................................................
3. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement? ....................................... N0
4. Will the Director and Officer Insurance Coverage Supplement be filed with the state of domicile and the NAIC with this statement?

Explanations:
1.
2.
3.
4.

Bar Codes:

1. Trusteed Surplus Statement [Document Identifier 490]
2. Supplement $A$ to Schedule $T$ [Document Identifier 455]
3. Medicare Part D Coverage Supplement [Document Identifier 365]
4. Director and Officer Supplement [Document Identifier 505]


|  | Current Statement Date |  |  | 4December 31Prior Year NetAdmitted Assets |
| :---: | :---: | :---: | :---: | :---: |
|  | 1 Assets | 2 Nonadmitted Assets | Net Admitted Assets (Cols. 1-2) |  |
| 2504. Receivable for Quaker | $(41,722)$ |  | $(41,722)$ | 11,690 |
| 2505. Travel advances | 33,699 | 33,699 |  |  |
| 2506. Postage inventory | 497,307 | 497,307 |  |  |
| 2507. Prepaid expenses | 17,684,953 | 17,684,953 |  |  |
| 2508. Prepaid pension contribution | 702,816,557 | 484,931,352 | 217,885,205 | 217,885,205 |
| 2509. Pension overfunded asset | $(217,885,205)$ |  | $(217,885,205)$ | $(217,885,205)$ |
| 2510. Miscellaneous deposits | 4, 182,631 | 1,332,900 | 2,849,731 | 1,059,731 |
| 2511. Receivable for other surcharges | .1,816,275 |  | . 1,816,275 | 1,971,812 |
| 2512. Miscellaneous receivable |  |  |  | 2,171,899 |
| 2513. Prepaid retirees' medical expense | 4,661,677 |  | 4,661,677 | 5,152,141 |
| 2514. Retiree medical overfunded asset | $(4,661,677)$ |  | $(4,661,677)$ | $(5,152,141)$ |
| 2597. Summary of remaining write-ins for Line 25 from overflow page | 509, 104,495 | 504,480,211 | 4,624,284 | 5,215,132 |


|  | 1 <br> Current Year to Date | $2$ <br> Prior Year to Date | Prior Year Ended December 31 |
| :---: | :---: | :---: | :---: |
| 3704. Change in pension overfunded asset |  |  | 47,319,292 |
| 3705. Change in retired life reserve liability |  |  | $(2,313,020)$ |
| 3706. Change in unfunded retired life benefit liability |  |  | $(754,253)$ |
| 3707. Change in retiree medical benefit liability |  |  | 26,443,262 |
| 3797. Summary of remaining write-ins for Line 37 from overflow page |  |  | 70,695,281 |

## STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY <br> SCHEDULE A - VERIFICATION

| Real Estate |  |  |
| :---: | :---: | :---: |
|  | 1 Year to Date | $\stackrel{2}{2}$ Prior Year Ended December 31 |
| 1. Book/adjusted carrying value, December 31 of prior year | 45,575,603 | 44,562,357 |
| 2. Cost of acquired: |  |  |
| 2.1 Actual cost at time of acquisition .---_-_- |  |  |
| 2.2 Additional investment made after acquisition <br> 3. Current year change in encumbrances | 301,311 | 3,607,656 |
| 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 | 673,200 | 2,594,410 |
| 9. Book/adjusted carrying value at the end of current period (Lines $1+2+3+4-5+6-7-8$ ) | 45,203,714 | 45,575,603 |
| 10. Deduct total nonadmitted amounts |  |  |
| 11. Statement value at end of current period (Line 9 minus Line 10) | 45,203,714 | 45,575,603 |

## SCHEDULE B - VERIFICATION

Mortgage Loans

|  | 1 Year to Date | $\stackrel{2}{2}$ $\text { December } 31$ |
| :---: | :---: | :---: |
| 1. Book value/recorded investment excluding accrued interest, December 31 of prior year | 68,130,528 | 28,424,207 |
| 2. Cost of acquired: |  |  |
| 2.1 Actual cost at time of acquisition | .10,072,666 | 39,886,703 |
| 2.2 Additional investment made after acquisition | 635,046 |  |
| 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 | 78,571 | 180,382 |
| 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 |  |  |
|  | 78,759,669 | 68,130,528 |
| 12. Total valuation allowance |  |  |
| 13. Subtotal (Line 11 plus Line 12) | 78,759,669 | 68,130,528 |
| 14. Deduct total nonadmitted amounts |  |  |
| 15. Statement value at end of current period (Line 13 minus Line 14) | 78,759,669 | 68,130,528 |

## SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

|  | Year to Date | $\begin{gathered} 2 \\ \hline \text { Prior Year Ended } \\ \text { December } 31 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: |
| 1. Book/adjusted carrying value, December 31 of prior year | 156,643,818 | 124,645,617 |
| 2. Cost of acquired: |  |  |
| 2.1 Actual cost at time of acquisition | 668,137 | 1,357,196 |
| 2.2 Additional investment made after acquisition | 5,604,053 | 31,939,033 |
| 3. Capitalized deferred interest and other |  |  |
| 4. Accrual of discount. |  |  |
| 5. Unrealized valuation increase (decrease) | 1,605,458 | 6,037,342 |
| 6. Total gain (loss) on disposals | 182,814 | .2,854,256 |
| 7. Deduct amounts received on disposals | 1,821,633 | 10, 189,626 |
| 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 | 888,345 |  |
| 11. Book/adjusted carrying value at end of current period (Lines $1+2+3+4+5+6-7-8+9-10$ ) | 161,994,302 | 156,643,818 |
| 12. Deduct total nonadmitted amounts |  |  |
| 13. Statement value at end of current period (Line 11 minus Line 12) | 161,994,302 | 156,643,818 |

## SCHEDULE D - VERIFICATION

Bonds and Stocks


## SCHEDULE D - PART 1B

Showing the Acquisitions, Dispositions and Non-Trading Activity

|  | NAIC Designation | 1 Book/Adjusted Carrying Value Beginning of Current Quarter | 2 Acquisitions During Current Quarter | 3 Dispositions During Current Quarter | 4 <br> Non-Trading Activity <br> During <br> Current Quarter | 5 <br> Book/Adjusted Carrying Value End of First Quarter | 6 <br> Book/Adjusted Carrying Value End of Second Quarter | 7 Book/Adjusted Carrying Value End of Third Quarter | 8 <br> Book/Adjusted Carrying Value December 31 Prior Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BONDS |  |  |  |  |  |  |  |  |
|  | NAIC 1 (a). | 2,248,927,087 | 478, 169,046 | 563,868,060 | $(1,716,648)$ | 2, 161,511,425 |  |  | 2,248,927,087 |
| 2. | NAIC 2 (a) | 306,672, 108 | 326,794,459 | 66, 137,900 | 53,784 | -567,382,451 |  |  | 306,672, 108 |
| 3. | NAIC 3 (a) | 37,960,113 | 536,010,888 | 554,006,783 |  | ....19,964,218 |  |  | 37,960,113 |
| 4. | NAIC 4 (a). |  |  |  |  |  |  |  |  |
| 5. | NAIC 5 (a) |  |  |  |  |  |  |  |  |
| 6. | NAIC 6 (a). |  |  |  |  |  |  |  |  |
| 7. | Total Bonds | 2,593,559,308 | 1,340,974,393 | 1,184,012,743 | $(1,662,864)$ | 2,748,858,094 |  |  | 2,593,559,308 |
|  | PREFERRED STOCK |  |  |  |  |  |  |  |  |
| 8. | NAIC 1. |  |  |  |  |  |  |  |  |
| 9. | NAIC 2 |  |  |  |  |  |  |  |  |
| 10. | NAIC 3 |  |  |  |  |  |  |  |  |
| 11. | NAIC 4 |  |  |  |  |  |  |  |  |
| 12. | NAIC 5 |  |  |  |  |  |  |  |  |
| 13. | NAIC 6. |  |  |  |  |  |  |  |  |
| 14. | Total Preferred Stock |  |  |  |  |  |  |  |  |
| 15. | Total Bonds and Preferred Stock | 2,593,559,308 | 1,340,974,393 | 1,184,012,743 | $(1,662,864)$ | 2,748,858,094 |  |  | 2,593,559,308 |

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



## SCHEDULE DA - VERIFICATION

| Short-Term |  |  |
| :---: | :---: | :---: |
|  | Year To Date | Prior Year Ended December 31 |
| 1. Book/adjusted carrying value, December 31 of prior year |  | 78,674,379 |
| 2. Cost of short-term investments acquired |  | .1,215,994,093 |
| 3. Accrual of discount. |  |  |
| 4. Unrealized valuation increase (decrease) |  |  |
| 5. Total gain (loss) on disposals |  |  |
| 6. Deduct consideration received on disposals |  | 1,294,668,472 |
| 7. Deduct amortization of premium |  |  |
| 8. Total foreign exchange change in book/adjusted carrying value |  |  |
| 9. Deduct current year's other than temporary impairment recognized |  |  |
| 10. Book/adjusted carrying value at end of current period (Lines $1+2+3+4+5-6-7+8-9$ ) |  |  |
| 11. Deduct total nonadmitted amounts |  |  |
| 12. Statement value at end of current period (Line 10 minus Line 11) |  |  |

# Schedule DB - Part A - Verification - Options, Caps, Floors, Collars, Swaps and Forwards NONE 

Schedule DB - Part B - Verification - Futures Contracts
NONE
Schedule DB - Part C - Section 1 - Replication (Synthetic Asset) Transactions (RSATs) Open NONE

Schedule DB-Part C-Section 2-Reconciliation of Replication (Synthetic Asset) Transactions Open NONE

Schedule DB - Verification - Book/Adjusted Carrying Value, Fair Value and Potential Exposure of Derivatives
NONE

SCHEDULE E-PART 2 - VERIFICATION
(Cash Equivalents)

|  | 1 Year To Date | 2 Prior Year Ended December 31 |
| :---: | :---: | :---: |
| 1. Book/adjusted carrying value, December 31 of prior year | 102,645,411 |  |
| 2. Cost of cash equivalents acquired | 1,210,829,124 | 3,589,542,427 |
| 3. Accrual of discount |  |  |
| 4. Unrealized valuation increase (decrease) |  |  |
| 5. Total gain (loss) on disposals |  |  |
| 6. Deduct consideration received on disposals | 1,064,873,938 | 3,486,897,016 |
| 7. Deduct amortization of premium . |  |  |
| 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). | 248,600,597 | 102,645,411 |
| 11. Deduct total nonadmitted amounts |  |  |
| 12. Statement value at end of current period (Line 10 minus Line 11) | 248,600,597 | 102,645,411 |

STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE A - PART 2


SCHEDULE A - PART 3


SCHEDULE B - PART 2


SCHEDULE B - PART 3


# STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY 

SCHEDULE BA - PART 2


## SCHEDULE BA - PART 3



SCHEDULE D - PART 3

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline \[
\begin{gathered}
\text { CUSIP } \\
\text { Identification }
\end{gathered}
\] \& Description \& Foreign \& Date Acquired \& Name of Vendor \& Number of Shares of Stock \& Actual Cost \& Par Value \& Paid for Accrued
Interest and Dividends \& \begin{tabular}{|c|}
10 \\
NAIC Desig- \\
nation or \\
Market \\
Indicator \\
(a) \\
\hline
\end{tabular} \\
\hline \({ }^{361787-K 4} 4\) \& GWMA HECN POOL \# AA7515 \& \& \({ }^{03 / 200201818}\) \&  \& \& \& \& \& \\
\hline  \& GNIA HECM POOL \#AC9928 \& \& .03/20/2018 \& \({ }^{\text {ACCAETION }}\) ACOEEION \& \& 175,493
170,87 \& \& \& \\
\hline 690353-2H-9 \& OUEESEAS PRIVITE INV COFP ... \& \& 00124/2018 \& STIFEL, NICOLAUS \& CO \& \& 13,750,000 \& 13,750,000 \& \& \\
\hline \({ }^{831626-2 C-0}\) \& US SEA SER 2018-20A \& \& -01711/21818. \& vanious \& \& \begin{tabular}{|c}
\(33,000,000\) \\
16,000 \\
\hline
\end{tabular} \& \(33,000,000\)
16,000
aren \& \& \\
\hline \({ }^{\text {a }}\) \&  \& \& 02/01/2018. \& various \& \& , \& \(16,000,000\)
\(10,000,000\) \& \& \\
\hline 883168 - 6 -3 \& US SBA 25 YEAR POOL \# 100135 \& \& \({ }^{033 / 06 / 2018}\). \& JVB FIMAICICLL \& \& 9,396,777 \& 8,844,025 \& 16,208 \& \\
\hline \(912810-\mathrm{XX}\)-8 \& US TTEASSRY BOLOS. \& \& 022/15/2018. \&  \& \& 4,973,098 \& 5,100,000 \& 39,307 \& \\
\hline \multicolumn{6}{|l|}{0599999. Subtotal - Bonds - U.S. Governments} \& 86,369,321 \& 86,913,979 \& 110,073 \& XxX \\
\hline \begin{tabular}{l}
373384-RZ-1 \\
882722-VP-3
\end{tabular} \& \begin{tabular}{l}
GEORGIA ST GO BDS 2010C-2 \\
TEXAS ST GO BDS SER 2010A
\end{tabular} \& - \& \(01 / 03 / 2018\)
\(\quad 01 / 7 / 2018\) \& IMORGAN STANLEY SMITH BAANEY LLC ABC CAPITAL MARKETS \& \& 11,028,400 2,630,261 \& 10,000,000 2,350,000 \& \[
\begin{array}{r}
1113.583 \\
\hline \\
\hline 32,649
\end{array}
\] \& \({ }_{17 \mathrm{FE} \text {, }}^{1 / 2}\) \\
\hline \multicolumn{6}{|l|}{1799999. Subtotal - Bonds - U.S. States, Territories and Possessions} \& 13,658,661 \& 12,350,000 \& \& XXX \\
\hline 3133EL-4E-0. \& FEECRALL FAMM CREDIT BAM NTS \& \& .01/23/2018 \& \({ }^{\text {SUITruST C CPPITTL L MARKET }}\) \& \& 9,771,320 \& 9,880,000 \& 26,050 \& \\
\hline 027032-64-6 \& FHLIC TBA 3.54 30 YR MTG \& \& 03/09/2018 \& DAIINA CAPITLL L MARETSTS \& \& 73,790,835 \& 74,138,359 \& \& \\
\hline  \&  \& \& \begin{tabular}{l} 
03309/2018 \\
02072018 \\
\hline
\end{tabular} \& DAIUA COPTTAL MAAKETS \& \& \begin{tabular}{|c}
\(17,371,875\) \\
5.796 .409
\end{tabular} \& \(17,000,000\)
\(5.508,094\) \& \& \\
\hline  \& (eNWA POOL \# B00707 \& \& -022072018. \&  \& \&  \&  \& \(\bigcirc \quad . \quad .8 .262\) \& \\
\hline 314008-X6-0 \& POOL \# BH600 \& \& .01/25/2018 \& PEAFFORMACE THUST CAPITTAL PAFTIERS \& \& 4,115,306 \& 3,962,383 \& \& \\
\hline 31406Y-62-7 \& POL \# 819887 \& \& 01/03/2018 \&  \& \& \& \& \& \\
\hline  \& FNIA POOL \# BJ1162 \& \& .01705/2018. \& BOK FINACCICAL SECURTTIES \& \& 22,567,629 \& 21,987,034 \& 21,376 \& \\
\hline 31400-2--3T-0 \& FNIA POOL \# BJ2985 \& \& .01704/2018. \& DAIIA APPTTAL MAAKETS \& \& \begin{tabular}{l}
\(3,491,837\) \\
3,327 \\
\hline
\end{tabular} \& \& \& \\
\hline  \&  \& \& O1/25/2018
\(0.1 / 232018\) \&  \& \&  \& \(\begin{array}{r}3,202,644 \\ 1,493 \\ \hline 1.902 \\ \hline\end{array}\) \& \& \\
\hline 31401A-27-8 \& FNMA POOL \# B/8865 \& \& .01/23/2018 \& PegFermance tuist caplitl Pafiner \& \& 6,113,563 \& 5,874,014 \& 7,832 \& \\
\hline 31418C-99-7 \& FNNA POOL \# M 32211 \& \& .027092018 \& Amherst Pierpoint \& \& \({ }^{8,054,527}\) \& \& \& \\
\hline 0,1F040-64-4 \& FNIA TBA \(4.00 \% 30\) YR MTG \& \(\cdots\) \& \({ }^{03 / 09 / 2018}\) \&  \& \& 8, 6177.500 \& 8,000,000 \& \& \\
\hline  \&  \& \& \(02 / 2992018\)
\(01 / 26 / 2018\) \&  \& \& \(57,180,330\)
\(42,644,141\) \& \(57,138,359\)
\(42,000,000\) \& -66,661 \& \\
\hline 31230]-3N-8 \& FREEOIE MICC POOL \# 608804 \& \& 02/21/2018 \& DAIVA CPPiTtal Markeis \& \& 16, 1828,281 \& 17,000,000 \& 41,319 \& \\
\hline  \& FReEDIE EMAC Pool \# 008889 \& \& -02122/2018 \& DAIIA CAPP TAL MAAKETS \& \& \& \& \& \\
\hline  \& \(\mid\) FREOOIE EACC POOL \(\# 0553702\) \& \& -01/19/2018. \& SUNTISST CAPPTALL MAREEETS \& \& [1, \(1,006,598\) \& -1,286,694 \& - \(\begin{aligned} \& 10,542 \\ \& 1,501\end{aligned}\) \& \\
\hline \(3132 \mathrm{XX}-2 \mathrm{H}-1\) \& FREDOIE M MCC POOL \# 053703 \& \& 01/19/2018. \& SLINTUUT CAPITAL MAAKEETS \& \& 2,758,706 \& 2,766,265 \& 3,169 \& \\
\hline \multicolumn{6}{|l|}{3199999. Subtotal - Bonds - U.S. Special Revenues} \& 330,919,728 \& 327,051,759 \& 360, 182 \& XXX \\
\hline \({ }^{\text {O20 }}\) \&  \& \& . \(01 / 129 / 2018\) \& GOLDIAN, SACHS \& co. \& \& \(\begin{array}{r}5,340,691 \\ \text {, } 50,50 \\ \hline\end{array}\) \& 年, , 577,000 \& \& \\
\hline  \&  \& \& -01290/2018 \& \(\int_{\text {US SAKM }}\) \& \& \(\begin{array}{r}1,503,540 \\ 1,22241 \\ \hline\end{array}\) \& \(\begin{array}{r}1.500,000 \\ 1,221,000 \\ \hline\end{array}\) \& - \(\begin{array}{r}\text { 14,354 } \\ 0,768 \\ \hline 08\end{array}\) \& \\
\hline O35242-AP-1 \& ANEUSER BUSCH INEEV FINANCE \& \& .0105/2018. \& Robert I. PAIRO \& COC INC \& \& 3,856,418 \& 3,752,000 \& \& 2 FE \\
\hline  \& \(\pm\) ANTEEH INC SR NTS \& \& 011/17/2018
0
0
0 \&  \& \& \begin{tabular}{l}
\(2,475,059\) \\
\(4,199,958\) \\
\hline
\end{tabular} \& \(2,456,000\)
4,200000 \& \(\begin{array}{r}13,644 \\ 3,150 \\ \hline\end{array}\) \& \({ }_{2 \mathrm{FL}}^{2 \mathrm{E} \text { E }}\) \\
\hline 002068-DN-9 \& ATtT Inc Sp Nis. \& \& -01/11/2018. \& Mogat stamer Sulit barley lic \& \& 5,191,209 \& 5,142,000 \& 61,704 \& 2 EL \\
\hline 060516-CF-0 \& BAMK OF AIERECA SR NTS \& \& .03/26/2018. \& NomPR SECURITIES \& \& \& \& \& 1 FE \\
\hline (13422-AY-5 \& CAIPBELL SOUP COUPANY NTS \& \& \begin{tabular}{l} 
O1/2921218 \\
\(03 / 1072018\) \\
\hline
\end{tabular} \&  \& \& \(\xrightarrow{1} .272,0171\) \& \& 16,160
6.020
6 \& 2 EE \\
\hline \(151020-\mathrm{AS} 3\) \& CELGENE COPP SR NTS .-. \& \& -01/12/2018 \& MAPKET AXESS \& \& \({ }_{412,760}\) \& \({ }_{400,000}\) \& \& \\
\hline 172967-LC-3 \& cITIIGPOUP INC SR NTS \& \& .01/11/2018. \& CITITGPOUP GLLOBLL IKTS IIC \& \& 3,021,271 \& 3,015,000 \& 9,229 \& 2 EE \\
\hline 209111-EII-1 \& CONSOLID EIDSON CO OF N SEE 2006 \& \& 01/26/2018 \& US APM Na. \& \& 879,915 \& \({ }_{6655000}\) \& 5.154 \& 1 FE \\
\hline 20011-EY-5 \&  \& \& \(03 / 21 / 2018\)
\(01 / 21 / 2018\)

0 \&  \& \& \& .666,000 \& +11,396 \& <br>
\hline ${ }^{2}$ \&  \& \&  \& ${ }_{\text {cose }}^{\text {cheol S SUSSE }}$ \& \& - \& $\xrightarrow{2,6838,000}$ \& -29,760 \& 2 EL <br>
\hline 26411-AS-4 \& (ene enegr coap Sf nts \& \& .03/2002018 \& BANK OF MIERICA SECURTITE \& \& \& \& 5,998 \& 2 FE <br>
\hline 281020-HL-1 \& EDISSN INTERNTTIONLL SP MTS \& \& .0112220120. \& Vaflous \& \& 4,470,498 \& 4,597,000 \& 44,834 \& 2 EE <br>
\hline 293790-88-88 \& ENTEPPRISE PROOUCTS OPER LLC NTS \& \& .01/18/2018. \& MARKET AXESS \& \& 1,398,482 \& 1,347,000 \& 22,472 \& 2 FE <br>
\hline  \& (eNeEPR SE PROOUCTS OPERAT ING NTS \& \& 03/707/2018
$.01 / 092018$ \& ${ }^{\text {NHELS SAGOO SECURTIES }}$ \& \& $8,782,810$

$2,030,800$ \& | $8,425,000$ |
| :--- |
| 2,000 | \& $\stackrel{4}{47,97}$ \& <br>

\hline 345397-Y0-9 \& Foro M Moro Cheli Couran \& \& -01/08/2018 \& BaCLays CAPITAL INC. \& \& 1,188,396 \& 1,200,000 \& 9,359 \& 2 F <br>
\hline 345397-1|Y-5 \& FOand MOTO CREDIT COUPANM NT \& \& -01188/2018 \&  \& \& . $3.401,972$ \& 3,400,000 \& \& 2 FE <br>

\hline $\left.\right|^{375558-816-9}$ \& GILLED SCIENES INC SP NTS \& \& | 017171/218 |
| :--- |
| 001092018 | \& \& \& \& \& \& <br>

\hline  \& PMOOGEN CHMSE SR NTS \& \& 001/23/2018 \& BANK OF AlMerich seuritie \& \& ${ }_{4}^{4,212} \times 1,588$ \& ${ }_{4}^{2,1440,000}$ \& -9,6,678 \& ${ }_{17 \mathrm{FE}}$ <br>
\hline 499326-EF-6 \& KEVCORP SR MID-TEM MTS \& \& 01/22/2018. \& KEVGACC CAPITAL MAPKEIS Inc. \& \& 2,159,586 \& 2,145,000 \& 22,20 \& 2 FE <br>
\hline
\end{tabular}

SCHEDULE D - PART 3

| CUSIP Identification | Description | Foreign | Date Acquired | Name of Vendor | Number of Shares of Stock | Actual Cost | Par Value | Paid for Accrued interest and Dividends | 10 <br> NAIC Desig- <br> nation or <br> Market <br> Indicator <br> (a) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 585055-BT-2 | MEETFOWCO INC NTS |  | .0105/2018 | US SAM NA - |  | ${ }^{862,254}$ | 770,000 | ${ }^{10,668}$ |  |
| 60687-4.-2 | MIIZHO FINANCIAL GPOUP INC SR NS | c. | -02728/2018 | MORGAN STAMEY SUITH BAAIEY LIC |  | $1,425,321$ 1,671456 | $\begin{array}{r}1,450,000 \\ 1,60000 \\ \hline\end{array}$ |  |  |
|  | (1) |  | ${ }^{0} 02 / 13132018$ |  |  |  |  | 29,693 24, 053 | 1 1FE |
| 68389-HHH-8 | OARCLE COPRP SP NTS. |  | 03/14/2018 | Ammerst Pierpoint |  |  | $\begin{aligned} & 8,800,000 \\ & \hline 1,245,000 \end{aligned}$ | 14,404 4 | L |
| 68389-AV-7 | ORACLE COAP SR NTS O._- |  | ${ }^{0} 02 / 2827218$. | MaAEET AXESS |  | -590,621 | 5500000 <br>  <br> 5000 | 3,612 <br> 37100 <br> 3 | 1FE |
| ${ }^{817460-10-3}$ |  |  |  |  |  |  |  |  | 1 FE |
| ${ }^{1+324-C} \mathbf{C a}-3$ | UNI TED HEALH GOOUP INC MTS |  | -01/23/2018. | US BAM NA. |  | 3,066, 241 | 2,676,000 | ${ }_{3,438}$ |  |
| ${ }^{933433-88-4}$ | VEERIZON COMMUNCOATIONS INC NTS |  | .01705/2018 | Galdina, sache 8 co. |  | 3,789,501 | 3,423,000 | 55,823 | 2 FE |
| ${ }^{931427-A-A-6}$ |  |  | $.01 / 24 / 21218$ $0.1 / 28018$ | (SUTRUST CAPITALL MAAKETS |  |  | $4,809,000$ 1,950000 | 24,266 | ${ }_{\text {2FE }}^{2 \text { FE }}$ |
| ${ }^{0465353-4-2-2}$ | ASTRRZEECA PLC NTS ..... |  | -01/7/2018 |  |  | -1, $1,995,474$ | $1,1,55,000$ <br> $1,950,000$ | -19,421 | 1 |
| 404280-YY-5 | HsBC HoLlings PLC SR NTS |  | . $03 / 12 / 2018$. | Vanious |  | 4,372,888 | 4,411,000 |  | 1 FE |
| 404280-8F-5 | HSBC Hololige PLC SR NS |  | 03/12/2018 | MaAKET AXESS |  | 2,017,913 | 2.075,000 | 10,541 | 1 FE |
| 3899999. Sub | total - Bonds - Industrial |  |  |  |  | 123,235,794 | 120,979,000 | 892,506 | XxX |
| 8399997. Tota | - - Bonds - Part 3 |  |  |  |  | 554, 18, 504 | 547,24, 738 | 1,508,993 | XxX |
| 8399998. Tota | - - Bonds - Part 5 |  |  |  |  | XXX | XXX | XXX | XXX |
| 8399999. Tota | - - Bonds |  |  |  |  | 554, 183,504 | 547,24, 738 | 1,508,993 | XXX |
| 8999997. Tota | - Preferred Stocks - Part 3 |  |  |  |  |  | XXX |  | XXX |
| 8999998. Tota | - Preferred Stocks - Part 5 |  |  |  |  | XXX | XXX | XXX | XX |
| 8999999. Tota | - Preferred Stocks |  |  |  |  |  | XXX |  | XXX |
| ${ }^{0042393-10-9}$ | \|CCADIA AEALIT TIUST |  | . $03301 / 2018$ | SantordC. Bernstein \& Co. | 94,970.000 | ${ }^{2,347,42}$ |  |  |  |
| ${ }^{0} \mathbf{0 2 2 0 9 5}-10-3$ | ALTrIA GAROP INC |  | -03122/2018 |  | $76,326.000$ 64725000 |  |  |  |  |
| ${ }^{0}$ |  |  | -011022018 |  | 64,505000 10.06000 | + $-\quad .147,988$ $-\quad 883818$ | - - - - |  |  |
| 036620-10-5 | Alsrs Inc |  | .01/22/2018 | Sanford C. Bernstein ${ }^{\text {c Co. }}$ | 2,788.000 |  |  |  |  |
| 060505-10-4. | BAMK Of AILERCACA COPP |  | .01/22/2018. | ALEEX Broin \& sons | 8,788.000 | .262,094 |  |  |  |
| ${ }_{\text {a }}$ | Canc iox balcor |  | -01/01/2018 |  | $33,10.000$ 7.243 .000 |  |  |  |  |
| ${ }^{149123-10-1}$ | Cateepillar Inc |  | 01/22/2018 | EVERCOOE ISI | 9,872.000 | 1,550,680 |  |  |  |
| ${ }^{2193950-10-5}$ | COANMG IICOPPORATED |  | .01702/2018 | Ssantord. C. Bernste | 50,941.000 | - |  |  |  |
| ${ }^{250}$ |  |  | $0.1 / 25 / 2018$ 0 $01 / 122018$ |  | $64,946.000$ 4.889 .000 | $\begin{array}{r}2,545,104 \\ \hline 46599\end{array}$ |  |  |  |
| 30499-10-7 | EVVLUTION Petralelun Copp |  | $020707 / 2018$ | Sanford C. Bernstein $\frac{1}{} \mathrm{CO}$. | 85,974.000 | 649,311 | - |  |  |
| 30212P-30-3 | EXPEDAA INC |  | 03/07/2018 | J.P. Worgin securites .-. | 4,129.000 |  |  |  |  |
| 31620M-10-6 | FIICLITY NATIOML INEO SEEVICES |  | ${ }^{0} 01702 / 2018$ | Santord C. Bernstein \& | 10,129.000 | . 949,138 |  |  |  |
| ${ }^{30}$ | FISEEV INC |  | O31/2/2018 <br> 0.10212018 | Santord C. Berrstein \& | 5,2401.000 |  |  |  |  |
| 32244-10-1 | FLIR SYSTEUS IIC |  | 01/22/2018 | Sanford C. Bernstein \& Co. | 28,81.000 | 1,353, 354 |  |  |  |
| ${ }^{3546613-10-1}$ | FRAMLIN AESOARCES |  | 01702201218 | $\underset{\text { Santord C. Bernste in }}{\text { Sut }}$ | 10,845.000 | 4697100 |  |  |  |
| ${ }^{39060410-10-1}$ |  |  | $01012 / 21218$ <br> $03 / 1 / 2018$ | JEFFERIESS | ${ }_{28,441.000}$ | $\begin{array}{r}3,627,124 \\ 1,322,197 \\ \hline 1,1\end{array}$ |  |  |  |
| 806407-10-2 | HEERY SCCEIN INC |  | . $01 / 24212018$ | Alex broin s suls. | 20,65.000 | 1,599,136 |  |  |  |
| 431284-10-8 | HIGHIOOOS PROOCEETIES INC |  | .0201/2018. | Sanford $C$. Bernstein \& co. | 17,685.000 | 843,473 |  |  |  |
| ${ }^{40} 40452-10-0$ |  |  | -0170212018 | Santord C. Bernstein 8 Co. | -40, 410.000 | 1,459,193 |  |  |  |
| $4588140-100$ | INTEL COAPP |  | $01102 / 2018$ | Sanford C. Bernstein \& | ${ }^{19} 88900000$ | 931046 |  |  |  |
| 45886F-10-4 | INEECOCOTI INEVALI EXCAAMSE INC |  | .01/22/2018. | Sanford C. Bernstein 8 Co. | 19, 198.000 | 1,341,076 |  |  |  |
| ${ }^{482338-10-4}$ |  |  | 01210212018 021515018 |  | $19,424.000$ 16.597000 | -559, 150 |  |  |  |
| ${ }^{595222]-10-3}$ | WID-MIERICA APARTIENT COMM. IIC |  | .03/01/2018 | Santord C. Bernstein \& Co. | 26,707.000 | 2,298,915 |  |  |  |
| 60871-20-9 | MOLSON COORS BBEINMG COIPANY |  | .03/01/2018 | Sanford C. Bernstein \& Co. | 19,558.000 | 1,543,642 |  |  |  |
| ${ }^{6331103-10-8}$ |  |  | .01/2022018 | Sanaord C. Bernstein \& Co. | 3,881.000 | 294,010 | ․-. |  |  |
| 704326-10-7 | PAYCOEX IICO |  | 011022018. | Sanford C. Berrstein \& | $10,687.000$ | - 719,395 |  |  |  |
| 74736-10-1 | Coorvo InC. |  | .01/02/2018 | Sarford C. Bernstein \& Co. | 4,119.000 | 283,737 |  |  |  |
| ${ }^{\text {a }}$ |  |  | -01702/2018 | $\pm$ | $\begin{array}{r}\text { 7,463.000 } \\ 67.951 .000 \\ \hline\end{array}$ |  |  |  |  |
| $785732-10-6$ | SABPA HEALTH CARE REIT INC -... |  | .0201/2018 | Sanford C. Bernstein \& Co. | 46,998.000 | ${ }_{842,533}$ |  |  |  |
| $882121-10-0$ | STOOE CAPITAL COAP |  | 03/20/2018 | Sanford $C$. Bernstein \& $c_{0}$. | 94,027.000 | 2,300, 164 |  |  |  |

STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE D - PART 3


SCHEDULE D - PART 4

| 1 | ${ }^{2}$ | For- | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Change In Book/Adjusted Carrying Value |  |  |  |  | 16 | 17 | 18 | 19 | 20 | 21 | 22NAIC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | 11 | 12 | 13 | 14 <br> Total | $\begin{gathered} 15 \\ \text { Total } \end{gathered}$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Change in Book/ | Foreign Exchange | Book/ |  |  |  |  |  | Designation |
|  |  |  |  |  |  |  |  |  | Prior Year |  | Current | Other Than | Adjusted | Change in | Adjusted | Foreign |  |  | Interest/ | Stated |  |
| CUSIP |  |  |  |  | Number of |  |  |  | Book/ Adjusted | Unrealized Valuation | Year's (Amor- | Temporary | Carrying | Book IAdjusted | Carrying Value at | $\underset{\text { Gain }}{\text { Exchange }}$ | $\begin{aligned} & \text { Realized } \\ & \text { Gain } \end{aligned}$ | Total Gain | Stock Dividends | Contractual | Market |
| Ident- |  |  |  |  |  |  |  | ctual | Carrying | Increase/ | tization)/ |  |  |  | Disposal | (Loss) on |  | (Loss) on | Received | Maturity | dicator |
| ification | Description | eign | Date | of Purchaser | Stock | eration | Par Value | Cost | Value | (Decrease) | Accretion | nized | 13) | Value | Date | Disposal | Disposal | Disposal | DuringYear |  | (a) |
| . $362020-\mathrm{Na}-5$ | GWMA POOL $\# 002971$ |  | . $03 / 201 / 2018$. | PRINCOPPL REEEIPT |  | ${ }^{2,138}$ | ${ }^{2,138}$ | ${ }^{2,128}$ | ${ }^{2,125}$ |  |  |  |  |  | ${ }^{2,138}$ |  |  |  |  | .09/20/2030 |  |
| . $361787-\mathrm{K} 4-7$ | OMA HECM POL $\ddagger$ A A7515 |  | -02726/2018 |  |  | 266,609 <br> .28641 <br> 20 |  |  | - $\begin{array}{r}292,801 \\ -28208 \\ \hline\end{array}$ |  | - (26, ${ }^{292}$ ) |  | ${ }^{(26,192)}$ |  | 266,609 |  |  |  |  | ${ }^{-066 / 20 / 2063} \mathbf{0 1 7 2 0 2 0 3 5}$ |  |
|  | CWMA II Pool \# 003665 |  |  |  |  | $\begin{array}{r}28,641 \\ \hline 14,22 \\ \hline\end{array}$ | 28,641 $-\quad 14,022$ $-\quad 1$ | $\begin{array}{r}288,225 \\ +14,131 \\ \hline\end{array}$ | $\begin{array}{r}28,208 \\ \hline-14,192\end{array}$ |  | (170) |  |  |  | ${ }^{28,641} 11022$ |  |  |  |  | -01120/2035 |  |
| . $36202 \mathrm{E}-\mathrm{PP}$-1 | GMMA II POOL \# 3710 |  | .03/20/2018 | PRIMCIPAL RECEIPT |  | 23,371 | ${ }^{23,371}$ | 21,989 | -21,764 |  | 1,608 |  | 1,608 |  | ${ }^{23,371}$ |  |  |  |  | -05/20/2035 |  |
| -36202--60-6 | CNMA 11 Pool \# 3887 |  | .03/20/2018 | PRINCIPAL AEEEPIPT |  | 7.7716 | 7,716 | 7.7510 | 7.469 |  |  |  |  |  | 7,716 |  |  |  |  | -01/20/2036 |  |
| . $332020-\mathrm{HE}-2$ | GIMA II Pool \# 3829 |  | . $033220 / 2018$ | PRINCCCPAL RECEEPT |  | ${ }^{11,579}$ | ${ }^{11,579}$ | ${ }^{11,254}$ | 11,238 |  |  |  |  |  | ${ }^{11,579}$ |  |  |  |  | .03/20/2036 |  |
| - 3 36202-56-0 | CWMA 11 Pool \% 4447 |  | -03320/2018 | PPIICCIPAL RECEEPT |  | 87,434 <br> 92.648 <br> 8.68 |  | 87, 215 <br> 92.532 | 87, 214 <br> 92.510 <br> 0.2 |  | $\begin{array}{r}220 \\ \\ \\ 138 \\ \hline\end{array}$ |  | 220 <br> 138 |  | 87, 834 |  |  |  | $\begin{array}{r}322 \\ 364 \\ \\ \hline\end{array}$ | ${ }^{-05 / 20 / 2039}$ |  |
| -36202--AV-8 | GMIA II Poo. \# 4520 |  | - | Princlipal Recelpt |  |  | $\begin{array}{r}\text { - } \\ \hline 85,060 \\ \hline 9868 \\ \hline\end{array}$ | -98,446 | 989,061 |  | (44,001) |  | (4, 0131 |  | ${ }_{88,060}^{92,688}$ |  |  |  | 364 <br> 156 <br>  | ${ }^{-08 / 20 / 20239}$ |  |
| .36202-117-8 | Gman 11 pool \# 4882 |  | . 03/20/2018 | PrIMCIPAL ReCEIPT |  | 172,449 | -..172,449 | 180,048 | -..178,751 |  |  |  |  |  |  |  |  |  | 533 | 12/20/2040 |  |
| 36202F-N-3 | GMMA 11 Pool \# 5121 |  | -03/20/2018 | PrIMCIPAL ReCEIPT |  | 4,809 | -4,809 | 4.984 | .5.244 |  | (435) |  | (435) |  | 4,809 |  |  |  |  | 07/20/2041 |  |
|  |  |  | -$.033202 / 21018$ <br> $03 / 202018$ | PPINCIPAL REEEEPT |  | 223,098 | $\begin{array}{r}223,098 \\ -29 \\ \hline 9\end{array}$ | -220,938 |  |  |  |  | (4, 4 (4, 276$)$ |  |  |  |  |  |  | ${ }^{-09720202041}$ |  |
| -36179M-XIM | OMA 11 Pool \# M106993 |  | -03/20/2018 | PaIMCIPAL ReEEIPT |  | ${ }_{48,408}$ | -48,408 | $\begin{array}{r}\text { a9, } 63 \\ \hline 5065\end{array}$ | $-\quad .90,0505$ $-\quad 50,905$ |  |  |  | (2,497) |  | 48,408 |  |  |  | 132 | -01/20/2043 |  |
| -36179M-B8-3 | CWMA II Pool \# M10039 |  | .03/20/2018. | PrIMCIPAL REEEPT |  | 368,004 | . 368,004 | -384,909 | --.383, 395 |  | (15,392) |  | (15,392) |  | 368,004 |  |  |  |  | -04/20/2043 |  |
|  | amA II Pool |  |  | PPINCIPAL LEEEEPT |  | $\begin{array}{r}131,390 \\ \hline 701\end{array}$ | $\begin{aligned} 1311,1900 \\ \hline \end{aligned}$ | $\begin{array}{r} 1137,189 \\ . .1830 \end{array}$ | --136, 7 775 |  |  |  | (4, (1984) |  | $\begin{array}{r}131,390 \\ \hline 1701\end{array}$ |  |  |  |  | ${ }^{-04 / 20 / 20200} 0$ |  |
| -36202-LH-7 | Own 11 poo \#4828 |  | -03/20/2018. | PaIMCIPAL ReCEIPT |  | 70,901 | 70,901 | 74,435 | - 74,691 |  | (3,790) |  | (3,790) |  | 70,901 |  |  |  |  | -10/20/2040 |  |
| .36179M-KZ-2 | OWMA II Pool manal2 |  | . 03/20/2018. | PRIMCIPAL RECEIPT |  | 210,399 | 210,399 | 219,864 | -. 220,217 |  | (9,888) |  | (9,888) |  |  |  |  |  | 512 | .08/20/2042 |  |
| .36179M-1C-0 | amma 11 Pool M Ma387 |  | . $03 / 202 / 2018$. | Princlipal ReEEPT |  | 186,549 | -. ${ }^{185,549}$ | $\bigcirc \quad 1051020$ | --.196,291 |  | - - - (10,741) |  | $\square-(10,741)$ |  | 185,549 |  |  |  |  | -09/20/2042 |  |
| - | OMAA pool $\ddagger 433039$ |  | - 0 -0315/2018 |  |  | ${ }_{1}^{1.712}$ | - $\begin{array}{r}1712 \\ -1712\end{array}$ | $\square \quad \begin{array}{r}625 \\ -\quad .616\end{array}$ | - $\quad 1.635$ |  |  |  |  |  | - ${ }_{1}^{61712}$ |  |  |  |  | ${ }^{-02715 / 2331}$ |  |
| -36202-PT-4 | GMA Pool \# 022334 |  | -03/20/2018. | PRIMCIPAL RECEIPT |  |  | - -1.72 |  | 72 |  |  |  |  |  |  |  |  |  |  | .06/20/2026 |  |
| . $332202-0-4$ | OMA Pool \# 022249 |  | .03/20/2018 | PrINCIPAPL RECEEPT |  |  | ${ }^{4} 79$ |  | ${ }^{479}$ |  |  |  |  |  |  |  |  |  |  | .0720/2026 |  |
| - | awn pool \# 022233 |  | - $0.03 / 20 / 2018$ | PPINCIPAL LEEEEPT PT |  | 137 <br> .64 | ${ }_{6}^{137}$ | - $\quad 129$ | $\begin{array}{r} 131 \\ \hline 647 \end{array}$ |  |  |  |  |  | \|1374 |  |  |  |  | -08/20/20206 |  |
| -36202-YC-2 | GMA P Pool \# 002511 |  | -03/20/2018. | PrIMCIPAL LeCEIPT |  | 1,877 | 1,877 |  |  |  |  |  |  |  |  |  |  |  |  | -11/20/2027 |  |
| . $362202-2 Y-8$ | ama pool \# 022591 |  | .03/20/2018 | PRINCIPAL REEEPT |  |  |  | . 374 |  |  |  |  |  |  |  |  |  |  |  | .05/20/2028 |  |
| - | (and pool \# 020267 |  | - 0 | PRICCOPAL LECEIPT |  |  | $\begin{array}{r} 6,488 \\ \quad{ }_{2} 588 \end{array}$ |  | $\begin{array}{r} 6,270 \\ 2365 \end{array}$ |  | 219 172 |  | - $\begin{array}{r}219 \\ 172 \\ \hline\end{array}$ |  |  |  |  |  |  | -12120/2028 |  |
| -362020-c90 | GMM Pool \# 027996 |  | -03/20/2018 | PaINCIPAL ReEEPT |  | 2,297 | 2,297 |  | $\begin{array}{r}\text { r-2,196 } \\ -\quad .195 \\ \hline\end{array}$ |  |  |  |  |  | 2,297 |  |  |  |  | -08/20/2029 |  |
| -362020-10-8 |  |  | -03320/2018 | PPINCIPAL LEEEEPT |  | +1, $\begin{array}{r}1,676 \\ 1.696 \\ \hline 1.0\end{array}$ | - $\begin{array}{r}1,676 \\ \hline 1.696 \\ \hline 1.0\end{array}$ | 1,638 <br> -1.653 <br> -1.651 | $\begin{array}{r}1,1625 \\ 1 \\ \hline-625 \\ \hline 1\end{array}$ |  |  |  |  |  |  |  |  |  |  | -09/20/2029 |  |
| .362020-Fx-4 | OMA Pool \# 028882 |  | -03/20/2018 | PRIMCIPAL ReCEIPT |  |  | $\bigcirc \quad \begin{array}{r}1690 \\ -\quad 1,211\end{array}$ | - | - - -1.11147 |  |  |  |  |  | ${ }_{\text {l }}^{1,211}$ |  |  |  |  | 02720/2230 |  |
| . $362020-\mathrm{P}$-3 | ama Pool \# 020272 |  | -03/20/2018 | PrINCIPPAL RECEEPT |  |  | 446 | - $\quad 1443$ |  |  |  |  |  |  |  |  |  |  |  | -09/20/2030 |  |
|  |  |  | - $0.03220 / 2018$ | PPINCIPAL LEEEEPT PT |  | +1, $\begin{aligned} & 1,942 \\ & 4,519\end{aligned}$ | $\begin{aligned} & 14,942929 \\ & \hline 4.519 \end{aligned}$ | $\begin{array}{r} 14,999 \\ -\quad 4,538 \end{array}$ | $\begin{aligned} & 14,917 \\ & 4.912 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  | -08/20/2033 |  |
| -36202E-EP-0 | amA P Pol \# 003742 |  | -03/20/2018. | PRIICIPAL L RECEIPT |  | 7,567 | 7,567 | 7,606 | 7,563 |  |  |  |  |  | 7,567 |  |  |  |  | 08/20/22020 |  |
| -36202-EQ-8 | GMA P PoL \# 003743 |  | -03/2012018. | Princlipal ReEEPT |  | 10,356 | - 1 10, 356 | - | - $\quad 10.40808$ |  | (53) |  | (53) |  |  |  |  |  |  | -08/20/2020 |  |
|  | OMMA Pool \% 003797 |  | - $0.03 / 20212018$ | PPINCIPAL LEEEEPT |  |  | $\begin{array}{r}731,103 \\ \hline 366\end{array}$ | - $\begin{array}{r}\text { 31,483 } \\ \hline 133\end{array}$ |  |  |  |  | $\cdots$ - $\quad . \begin{aligned} & \text { (524) }\end{aligned}$ |  | 31, 336 336 |  |  |  |  | -12/20/2035 |  |
| -362038-55-4 | QMA Pool \# 341884 |  | -03/15/2018 | PRINCPPA ReEEPP |  | .556 | - $\quad .556$ |  | $\square \quad 1555$ |  |  |  |  |  |  |  |  |  |  | -12/5/2022 |  |
| . 3 320303-11P-2 | OMMA Pool \# 346066 |  | -03315/2018 | PPIMCIPAL LeCEPT |  | 18 <br> $\quad . \quad 18$ <br> $-\quad 100$ | - $\quad 18$ | - $\quad 18$ | [ |  |  |  |  |  |  |  |  |  |  | -01/1/2/2024 |  |
| - |  |  |  |  |  | $\square$ $-\quad 65,540$ |  | $\begin{array}{r} 189 \\ -63,226 \end{array}$ |  |  |  |  |  |  |  |  |  |  | 243 | -099/1/2/2023 |  |
| -362038-99-4 | GMAA Pool \# 356948 |  | . 03/15/2018. | PPINCIPAL REEEPT |  | 71 |  |  |  |  |  |  |  |  |  |  |  |  |  | -06/15/2023 |  |
|  | (WMA Pool \# 3575 |  | -$.03 / 220 / 2018$ <br> $03 / 152018$ | PPINCIPAL REEEEPT |  | 7.7,944 | - 7, 7.054 | 7,868 $-\quad 20$ | --.7.929 |  | 26 |  | ${ }^{26}$ |  | 7,954 |  |  |  | ${ }^{30}$ | . $077 / 20 / 2019$ |  |
| .362044-FU-4 | GMA P PoL \# 363879 |  | -03/15/2018. | PRIICIPAL LECEIPT |  | ${ }_{6} 6$ | - $\quad . \quad 62$ | - $\quad . \quad 61$ | 61 |  |  |  |  |  |  |  |  |  |  | -12/5/2023 |  |
| -332048-1A-9 | CMIA Pool \# 364921 |  | -033/1/2018 | PPINCCIPAL RECEEPT |  | ${ }^{13}$ | 13 | - $\quad 1 \begin{array}{r}13 \\ -\quad-15\end{array}$ | - ${ }_{-13}$ |  |  |  |  |  |  |  |  |  |  | 02/15/2024 |  |
| - |  |  | - 0 | PPINCIPAL LEEEEPT PT |  |  | 15 .30 | 15 .30 | - $\quad . \quad 15$ |  |  |  |  |  |  |  |  |  |  | -$.04 / 15 / 2 / 2204$ <br> $12 / 5 / 2023$ |  |
| -36204-HP-2 | amA P Pol \# 368438 |  | -03/15/2018. | PaIMCIPAL ReEEIPT |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -02/15/2024 |  |
| - $332047-33^{-1}$ | OMMA Pool \# 369001 |  | - $033 / 15 / 2018$ | PPINCCPAL RECEEPT |  | . 212 | - 25 | $\square \quad 251$ | - $\quad 251$ |  |  |  |  |  | ${ }^{252}$ |  |  |  |  | . $0.5 / 15 / 2 / 2024$ |  |
| -36204HEK-2 | aWM Pool \# 370138 |  | -03315/2018 | PPINCIPAL LEEEEPT |  |  |  | ${ }_{74}^{46}$ | $._{74}^{46}$ |  |  |  |  |  |  |  |  |  |  | - $1.12 / 15 / 22023$ |  |
| -36204P-09-6 | OWM P Pou \# 375880 |  | .03/15/2018 . | PRIMCIPAL ReEEIPT |  | ${ }_{5} 5$ | ${ }_{52}$ | ${ }_{51}$ | ${ }_{52}$ |  |  |  |  |  |  |  |  |  |  | 边 |  |

SCHEDULE D - PART 4


SCHEDULE D - PART 4
Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{4}{*}{1} \& \multirow[t]{7}{*}{${ }^{2}$} \& \multirow[t]{6}{*}{\% ${ }^{3}$} \& \multirow[t]{5}{*}{4} \& \multirow[t]{5}{*}{5} \& \multirow[t]{4}{*}{6} \& \multirow[t]{6}{*}{7} \& \multirow[t]{5}{*}{8} \& \multirow[t]{6}{*}{9

Actual} \& 10 \& \multicolumn{5}{|c|}{Change in Book/Adjusted Carrying Value} \& \multirow[t]{2}{*}{16} \& \multirow[t]{3}{*}{17} \& \multirow[t]{4}{*}{18} \& \multirow[t]{4}{*}{19} \& \multirow[t]{2}{*}{20} \& \multirow[t]{3}{*}{21} \& \multirow[t]{2}{*}{} <br>

\hline \& \& \& \& \& \& \& \& \& \& 11 \& 12 \& 13 \& | 14 |
| :---: | :---: |
| Total | \& \[

$$
\begin{gathered}
15 \\
\text { Total }
\end{gathered}
$$
\] \& \& \& \& \& \& \& <br>

\hline \& \& \& \& \& \& \& \& \& \& \& \& | Current |
| :--- |
| Year's | \& Change in Book/ \& Foreign Exchange \& Book/ \& \& \& \& Bond \& \& Designation <br>

\hline \& \& \& \& \& \& \& \& \& r Year \& \& Current \& Other Than \& Adjusted \& Change in \& Adjusted \& Foreign \& \& \& Interest/ \& ed \& <br>

\hline SIP \& \& \& \& \& Number of \& \& \& \& Adjusted \& | Unrealized |
| :--- |
| Valuation | \& Year's (Amor- \& Temporary

Impairment \& Carrying Value \& Book /Adjusted \& | Carrying |
| :--- |
| Value at | \& Exchange

Gain \& Realized

Gain \& \& | Stock |
| :--- |
| Dividends | \& Contractual \& Market In- <br>

\hline ent- \& \& \& Disposal \& ame \&  \& \& \& \& Carrying \& Increase/ \& tization)/ \& Recog- \& (11+ 12 - \& \& Disposal \& (Loss) on \& (Loss) on \& (Loss) on \& Received \& Maturity \& <br>
\hline ification \& \& eign \& Date \& of Purchaser \& Stock \& eration \& Par Value \& Cost \& Value \& (Decrease) \& Accretion \& nized \& 13) \& Value \& Date \& Disposal \& Disposal \& Disposal \& DuringYear \& Date \& (a) <br>
\hline 36241-KA-3 \& GWIA P POO 1782889 \& \& . $03 / 15 / 2018$. \& PRINCIPAL REEEIPT \& \& 247,309 \& \& 256,674 \& ${ }^{255,715}$ \& \& \& \& \& \& ${ }^{277,309}$ \& \& \& \& \& .06/15/2040 \& <br>
\hline 36230-K8-1 \& \& \& 03/15/2018. \& PRIMCIPAL REEEEPT \& \& 27,856 \& \& \& \& \& \& \& \& \& \& \& \& \& \& .01/15/2033 \& <br>
\hline 361764-62-0 \& GNM POOL 770016 \& \& . $03 / 15 / 12018$ \& PRINCCPAPL RECEEPT \& \& 101,337 \& 101,337 \& - $\quad .1005884$ \& ${ }^{-1.104,327}$ \& \& (2,990) \& \& (2,980) \& \& ${ }^{101,3737}$ \& \& \& \& \& 12/15/2033 \& <br>
\hline - \& GNMA AEMCS SER 2005-61 CL DA \& \& . $033 / 16 / 2 / 2018$ \& PPINCIPAL LEEEEPT \& \&  \& . 65.383

.17831 \& \[
$$
\begin{array}{r}
\quad .55,128 \\
-\quad . \quad 189,659
\end{array}
$$

\] \& - $\quad 16.65$ \& \& \& \& ${ }^{(2,5881)}$ \& \&  \& \& \& \& | 266 |
| :--- |
| 357 |
|  |
|  |
| 60 | \& ${ }^{\text {a }}$ \& <br>

\hline -383770-UT-4 \& GINA AEMICS SER $2011-25 \mathrm{CL}$ No \& \& . 03/16/2018 \& Princlpal ReEEPT \& \& 800,961 \& .809,961 \& -808,569 \& .808,486 \& \& 1.474 \& \& 1,474 \& \& 809,961 \& \& \& \& \& -12/16/2039 \& <br>
\hline .38376-K66-6 \& CWNA AEMICS SEC 2011-38 CLASS B \& \& .03/16/2018 \& PRINCIPAL REEEPT PT \& \& 221,420 \& .221,420 \& 248,916 \& .225,887 \& \& (4,467) \& \& (4,467) \& \& 221,420 \& \& \& \& \& -12/16/2049 \& <br>

\hline - \&  \& \&  \& PPINCIPAL REEEEPT \& \&  \&  \& $$
\begin{aligned}
& 929,033 \\
& .124,716
\end{aligned}
$$ \& \[

$$
\begin{array}{r}
\quad .99,781 \\
-\quad .1232
\end{array}
$$
\] \& \& ${ }_{(128)}^{(427)}$ \& \& ${ }^{\text {(127) }}$ (428) \& \& 89,353

123,481 \& \& \& \& \& ${ }^{.027 / 16 / 2041}$. \& <br>

\hline - $388788-1001$ \&  \& \& . ${ }^{0} 031 / 16 / 21818$ \& $\mid$ Princlipal Recelp \& \& ${ }^{11232,481}$ \& $\begin{array}{r}123,481 \\ 121,005 \\ \hline 120\end{array}$ \& \[
$$
\begin{aligned}
& 1124,670 \\
& .126,678
\end{aligned}
$$

\] \& $\begin{array}{r}1123,752 \\ \hline 124,03 \\ \hline\end{array}$ \& \& - \& \&  \& \& | 123,481 |
| :---: |
| 121,605 |
| 1 | \& \& \& \& \& - $122 / 12 / 2 / 204043$ \& <br>

\hline .387786-44-4 \& GWIA AEEMICS SER 2013-141 CL AB \& \& .03/16/2018 \& PRIMCIPAL ReCEIPT \& \& 136,150 \& 136,150 \& 1366,830 \& 136,374 \& \& \& \& (225) \& \& ${ }^{136,150}$ \& \& \& \& \& 04/16/2043 \& <br>
\hline . $38378 \mathrm{NHFL-2}$ \& GWMA AEIICS SER 2013-158 AB \& \& .03/16/2018 \& PRIMCIPAL ReCEIPT \& \& 42,918 \& 42,918 \& -45,429 \& 44, 240 \& \& (1,323) \& \& (1,323) \& \& ${ }^{42,918}$ \& \& \& \& 107 \& .08/16/2053 \& <br>

\hline - $388787-10-10-8$ \&  \& \& . $03 / 23212018$ \&  \& \& $\underset{ }{\substack{421,924 \\ 233,47}}$ \& | 421,924 |
| :--- |
| 233,47 | \& ${ }_{236,163}^{43533}$ \& $\begin{array}{r}-\quad 430,767 \\ -\quad-\quad .236,65 \\ \hline\end{array}$ \& \& $(8,843)$

$(2,248)$

$(120)$ \& \& ( | $(8,8,243)$ |
| :---: |
| $(2,28)$ | \& \& ${ }_{2}^{421,924}$ \& \& \& \& \& (11/200/2041 \& <br>

\hline -38378-4TL-4 \& GIMA AEMICS SER 2013-71 CL LA \& \& -03/20/2018 \& Princlipll ReEEIPT \& \& 98,712 \& 98,712 \& 99,606 \& 99, 274 \& \& (562) \& \& (562) \& \& 98,772 \& \& \& \& \& -10/20/2042 \& <br>
\hline .38788-CF-6 \& GIMA REEICS SEE 2014-109 C- BA \& \& .03116/2018 \& PRINCCPAPL AECEEPT \& \& 77,690 \& 77,690 \& ${ }^{78,005}$ \& -.778.822 \& \& \& \& (1) ${ }^{(112)}$ \& \&  \& \& \& \& \& ${ }^{-0216162039}$ \& <br>

\hline -38878X-6-1 \&  \& \& . $03 / 16 / 2 / 2018$ \& PPINCCPAPL LEEEEPT PT \& \& $\begin{array}{r}1,570,905 \\ \hline-22,936\end{array}$ \& - 1,570,905 \& \[
$$
\begin{array}{|c}
1,600,421 \\
\hline 23,786
\end{array}
$$

\] \&  \& \& ${ }_{(0,1926)}^{(732)}$ \& \& $\cdots$ \& \& $\begin{array}{r}1,570,905 \\ \hline 22,936 \\ \hline 10,\end{array}$ \& \& \& \& | 4,774 |
| :--- |
|  |
| 88 | \& ${ }^{-12 / 1 / 1 / 2 / 200}$ \& <br>

\hline -38378N-UA-9 \& GWMA A REMICS SER 2014-14 CL AG \& \& -03/16/2018. \& PPIMCIPAL RECEIPT \& \& ${ }_{660,596}$ \& ${ }_{660,596}$ \& 664,106 \& ${ }^{6662,247}$ \& \& (1,650) \& \& $(1,650)$ \& \& $\begin{array}{r}\text { [660,596 } \\ \hline 1096\end{array}$ \& \& \& \& \& -01/16/2042 \& <br>
\hline -38778-44-3 \&  \& \& .03/16/2018 \& PRINCIPAL RECEEPT \& \& ${ }^{144,326}$ \& ${ }^{144,326}$ \& 143,672 \& 143,770 \& \& ${ }^{657}$ \& \& ${ }^{657}$ \& \& 144,326 \& \& \& \& \& .01/16/2026 \& <br>
\hline -38780-J2-0 \& (aNA AEEICS SER 2014-40 CL CA \& \& -03/16/2018 \& PPINCIPAL REEEEPT

PRINCPAL ReCIIT \& \& $\begin{array}{r}1,699,211 \\ \hline 20635\end{array}$ \& $\begin{array}{r}1,699,211 \\ \hline \text {, } 200,365 \\ \hline 1\end{array}$ \& $\begin{array}{r}1,696,892 \\ -\quad 209493 \\ \hline\end{array}$ \& | 1,697 |
| ---: |
| -1.757 |
| $-\quad 208,382$ | \& \& (1, 1.456$)$ \& \& (1, ${ }_{(1,456}$ \& \& +1,699,211 \& \& \& \& \& - $11 / 1 / 1 / 20041$ \& <br>

\hline -38879-69-8080 \& GWMA EEMICS SER $2015-128 \mathrm{CL}$ AJ \& \& -03/16/2018 \& PRIICCPAL REEEIPT \& \& -200,365 \& | 200,356 |
| :---: |
| 21,532 | \& $\underline{-\quad .200,993}$ \& - 2021,382 \& \& (1, 1265 \& \& (1) \& \& ${ }^{20,1,532}$ \& \& \& \& \& -11/6/2055 \& <br>

\hline -383796-60-5 \& GIMA AEEMICS SER 2015-163 CL AH \& \& .03/16/2018 \& Princlipll ReEEIPT \& \& 148,984 \& 148,984 \& --147,682 \& .148,136 \& \& \& \& \& \& 148,984 \& \& \& \& \& -04/16/2056 \& <br>
\hline - \& OMNA RELICS SEE 2015-169 CL C \& \& - $0331 / 16 / 2018$ \& PPINCCPAL LeCEIPT \& \&  \& 29.374

118,587 \& \&  \& \& \& \& $\ldots$ \& \& $$
\begin{array}{r}
\quad 29,374 \\
\hline 18857
\end{array}
$$ \& \& \& \& \& ${ }^{-04416 / 2056}$ \& <br>

\hline - $388796-60505$ \& ( WNA AEMICS SEE 2015-771 CL EA \& \& . $03 / 16 / 2 / 2018$ \& PPINCIPAL LEECEPT PT \& \& $\begin{array}{r}118,587 \\ \hline 86874 \\ \hline\end{array}$ \& \[
$$
\begin{aligned}
& .118,587 \\
& .86874
\end{aligned}
$$

\] \& \[

$$
\begin{array}{r}
118,189 \\
-83,488
\end{array}
$$

\] \& \[

$$
\begin{aligned}
& .118,318 \\
& { }_{84}^{84,782}
\end{aligned}
$$

\] \& \& \& \& \& \& \[

$$
\begin{array}{r}
118,587 \\
-\quad .8687 \\
\hline 8.87
\end{array}
$$
\] \& \& \& \& \& ${ }^{\text {a }}$ \& <br>

\hline 38379-TT-5 \& GWMA AEIICS SER 2015-93 CLASS AB \& \& .03/16/2018. \& PrIICIPALL REEEIPT \& \& 193,334 \& 193,334 \& 192, 233 \& 192,784 \& \& \& \& \& \& 193,334 \& \& \& \& \& 01/16/2047 \& <br>
\hline 38379Y-6L-7 \& GNMA AEEICS SES $2016-125 \mathrm{CLD}$ \& \& .03/16/2018 \& PRINCIPAL LCEEEPT \& \& 885,297 \& 85,297 \& 885,325 \& 8,506
12,367
12, \& \& \& \& - \& \& $\begin{array}{r}85,229 \\ \text { 1239 } \\ \hline 18\end{array}$ \& \& \& \& \& - $12 / 1 / 1 / 20047$ \& <br>
\hline - \&  \& \& -03/16/2018 \& PPINCIPAL REEEEPT

PRIICIPAL R REEIPT \& \&  \& [123,547 \& $\begin{array}{r}124,619 \\ \hline 88,187 \\ \hline\end{array}$ \& $\begin{array}{r}124,367 \\ \begin{array}{l}\text { 28, } 187\end{array} \\ \hline\end{array}$ \& \& \& \& $\square \quad . \quad 1819)$ \& \& | 12,537 |
| :--- |
| 28,187 | \& \& \& \& \& -04416/2049 \& <br>

\hline -797244-AB-8 \& SAN ClEEIUETE LEASAING LCC SEC NTS \& \& .03/88/2018 \& various \& \& 140,467 \& .140,467 \& 140,467 \& 140,467 \& \& \& \& \& \& ${ }_{140,467}^{20,187}$ \& \& \& \& \& -06/07/2022 \& <br>
\hline . $8316411-\mathrm{FA}-8$ \& US SBA Ceb Part cer ser sblic 214 \& \& . $03 / 12 / 212018$ \& PRINCCPPAL RECEEPT \& \& $\begin{array}{r}2.017,050 \\ \hline\end{array}$ \& -2,017,050 \& 2,081,402 \& 2,000,665 \& \& (1, 157) \& \& (1,157) \& \& 2,059,508 \& \& (42, 458) \& (42, 488) \& ${ }^{31,918}$ \& .03/01/2024 \& <br>
\hline  \&  \& \& - $03 / 01 / 2018$ \& PPINCCPAL LEEECPT \& \&  \&  \&  \&  \& \& \& \& \& \& ..588,219 \& \& \& \& \& -0900172033 \& <br>
\hline ${ }^{831622-X E X-8}$ \& US SBA PART Cent sehles 2015-20H \& \& 00201/2018. \& PRINCIPAL ReCEIPT \& \& ${ }^{316,5623}$ \& ${ }^{-1316,561}$ \& ${ }^{-1.1516,523}$ \& --...316,5623 \& \& \& \& \& \& \& \& \& \& \& -08/01/2035 \& <br>
\hline . $8311262-118-5$ \& US SBA PART CERTIF SER 2014-203 \& \& . $02201 / 2018$ \& PPINCIPAL RCEEEPT \& \& $\begin{array}{r}\text { 299,752 } \\ \hline 34681 \\ \hline 18.51\end{array}$ \& -299,752
.34681 \& -299,752 \& -299,752 \& \& \& \& \& \& 299, 722
ant

392 \& \& \& \& | 8,200 |
| :---: |
| 1057 | \& . $02 / 1 / 1 / 2034$ \& <br>

\hline  \& US S SA PAFTIC CEFRII SER $2014-200$ \& \& - 0 \& PPIINCPAPAL RECEEPT \& \& $\begin{array}{r}346,581 \\ \hline 63,474 \\ \hline\end{array}$ \& $\begin{array}{r}\text { 346,581 } \\ .63,474 \\ \hline\end{array}$ \& - 347,773

$-\quad . \quad 63,474$ \& | 347,600 |
| :--- |
| $.63,74$ | \& \& \& \& \& \& 347,592

$.63,474$ \& \& $(1,010)$ \& (1,010) \& \& - $03 / 01 / 1 / 2334$ \& <br>
\hline ${ }^{831262 C-P-8}$ \&  \& \& -0110212018 \& PRIIICPAPA RECEEPT \& \& -66,506 \& -66,590 \& $\begin{array}{r}\text { - } \\ -\quad 66,596 \\ \hline 16200\end{array}$ \& -66,596 \& \& \& \& \& \& -6,596 \& \& \& \& -1, 1.582 \& $070701 / 2025$ \& <br>
\hline - \& US SBA SBIC-PS 2005-208 \& \& -0201/2018 \& PPINCCPAL LEECEPT PT \& \& 166,200

$.258,169$ \& | 166,200 |
| :--- |
| $.258,169$ |
| 10, | \& \[

$$
\begin{aligned}
& .166,200 \\
& .
\end{aligned}
$$
\] \& 166,200

$.254,970$ \& \& 74 \& \& 74 \& \& $\xrightarrow{166,200}$ 255, 44 \& \& 126 \& 126 \& \& ${ }^{-02 / 01 / 22025}$ \& <br>
\hline 83162C-SU-8 \& US SBA SER 2009-201 \& \& 03/01/2018. \& Princlpal ReEEIPT \& \& 282,922 \& -282,922 \& 310,772 \& 303,524 \& \& \& \& 242) \& \& 303,283 \& \& $(20,360)$ \& (20,360) \& 7,218 \& -09/01/2029 \& <br>
\hline  \& US S SR SER 20011-208 \& \& - $020101 / 21218$ \& PRIICIPAL REEEEPT \& \& 463,437

41080 \& | 463,437 |
| :--- |
| 4.080 | \& -463,437 \& -463,437 \& \& \& \& \& \& 3,437 \& \& \& \&  \& ${ }^{02 / 2012031}$ \& <br>

\hline  \& US S SA SER 20011-200 \& \& . $\begin{aligned} & .03 / 01 / 21218 \\ & 0.21012018\end{aligned}$ \&  \& \& | . 410,080 |
| :--- |
| $.265,043$ | \& | +110,080 |
| :--- |
| $.265,043$ | \& | . 410,080 |
| :--- |
| $.265,043$ | \&  \& \& \& \& \& \& | 410,080 |
| :--- |
| 265,943 | \& \& \& \& \& -0301/2031 \& <br>

\hline $8331641-\mathrm{FH}-3$ \& US SBA SER 2017-10A \& \& .03/12/2018 \& PRINCIPAL RECEIPT \& \& ${ }^{3776,659}$ \& .376,659 \& ${ }^{376,659}$ \& ${ }^{376,659}$ \& \& \& \& \& \& 376,659 \& \& \& \& 5,314 \& -03/10/2027 \& <br>
\hline - $831620-14 \times-9$ \& US S SAA SER 2017-200

US SAA SER 2017-20G \& \& \begin{tabular}{l}
$.03101 / 2018$ <br>
$01 / 202018$ <br>
\hline

 \& PPINCIPAL REEEEPT \& \& $\begin{array}{r}\text { 904,047 } \\ 370,736 \\ \hline\end{array}$ \& 

904,047 <br>
370,736 <br>
\hline

 \&  \& 

$.904,047$ <br>
370736 <br>
\hline

 \& \& \& \& \& \& 

904,047 <br>
370,736 <br>
\hline
\end{tabular} \& \& \& \& \& .03/01/2037 \& <br>

\hline 831641-ER-2 \& US SBA SER SB1C 2009-108 \& \& .03/16/2018. \& PRIMCIPAL REEEEPT \& \& 1,215,598 \& 1,215,598 \& 1,215,598 \& 1,215,598 \& \& \& \& \& \& 1,215,598 \& \& \& \& 25,517 \& 09/10/2019 \& <br>

\hline ${ }^{\text {8 }}$ 831641-FB-6 \& \& \& - | $03 / 12 / 21218$ |
| :--- |
| $03 / 162018$ | \& PPINCIPAL RECEEPT \& \& | ¢787,505 |
| :--- |
| .698828 |
| 8 | \& - 5787.505 \& \& \& \& \& \& \& \& \& \& \& \& \& .0910/2024 \& <br>

\hline - \& US SBA SEE SB1C 2016-108 \& \&  \&  \& \& $\begin{array}{r}\text { - } 693,888 \\ .206,132 \\ \hline\end{array}$ \&  \& 693,828
$-199,368$ 199,368 \&  \& \& \& \& \& \& \& \& -3,614. \& - - $\quad$ - 3.614 \& \& ${ }^{.09910 / 2026}$ \& <br>
\hline ${ }^{831626-120-1}$ \& U S SBA SER SBIC-PS 2003-20\% \& \& 02/01/2018 \& PRIMCIPAL ReEEIPT \& \& 43,211 \& 43,211 \& 43,211 \& 43,211 \& \& \& \& \& \& 43,211 \& \& \& \& \& -08/01/2023 \& <br>

\hline - | 831628-C8-3 |
| :--- |
| $81628-6-2$ | \& US S SA 25 Y VAR POOL 1100051 \& \& -02726/2018 \& PPINCPAPAL REEEIPT \& \& \& +392,322

$-\quad 42,399$ \& 416,168
44,546
4 \& 415, 454 44,445 \& \& $\begin{array}{r}(23,132) \\ \\ \hline(2,046) \\ \hline\end{array}$ \& \& - $\begin{array}{r}\text { (23, } 132) \\ \hline(2,046) \\ \hline\end{array}$ \& \& \& \& \& \& \& ${ }^{-05 / 25 / 2038}$ \& <br>
\hline - \& US SSA 25 Y VAR Pool 110031 \& \& .02126/2018 \&  \& \& ${ }^{\text {- }}$. 52,39391 \& r-
$-\quad .42,399$

$-\quad .53,931$ \& $$
55,482
$$ \& $\begin{array}{r}\text { r } \\ -\quad 45,445 \\ \hline-.456\end{array}$ \& \& \& \& \& \& \& \& \& \& \& ${ }^{\text {a }}$ \& <br>

\hline 831628-01-3 \& US SBA 25 Y¢ POOL 100107 ? \& \& .03/26/2018. \& PrIMCIPAL ReEEIPT \& \& 15,157 \& .15,157 \& \& \& \& \& \& \& \& \& \& \& \& \& 11/25/2039 \& <br>
\hline
\end{tabular}

SCHEDULE D - PART 4


SCHEDULE D - PART 4

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  | hange In Boo | ok/Adjusted C | Carrying Valu |  | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CUSIP <br> Ident- <br> ification | Description | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { For- } \\ \text { eign } \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \text { Disposal } \\ & \text { Date } \end{aligned}$ | $\begin{gathered} \text { Name } \\ \text { of Purchaser } \end{gathered}$ | Number of Shares of Stock | Consideration | Par Value | $\begin{aligned} & \text { Actual } \\ & \text { Cost } \end{aligned}$ | Prior Year Book/ Adjusted Carrying Value | 11 <br>  <br>  <br> Unrealized <br> Valuation <br> Increase/ <br> (Decrease) |  |  | 14 <br> Total <br> Change in <br> Book <br> Adjusted <br> Carrying <br> Value <br> (11+12- <br> (13) | 15 Tota Foreign Exchange Change in Book Carrying Value | Book/ <br> Adjusted Carrying Value at Disposal Date | Foreign Exchange Gain (Loss) on Disposal | Realized Gain (Loss) on Disposal | $\begin{array}{\|c\|} \hline \text { Total Gain } \\ \text { (Loss) on } \\ \text { Disposal } \end{array}$ | Bond Interest/ Stock Dividends Received DuringYear | Stated Contractual Maturity Date | $\begin{array}{\|c\|} \hline \text { NAIC } \\ \text { Desig- } \\ \text { nation } \\ \text { or } \\ \text { Market } \\ \text { In- } \\ \text { dicator } \\ \text { (a) } \\ \hline \end{array}$ |
| .93974-YY-8 | \#ISHHMGTON ST GO BDS SER 2012A |  | 01/12/2018 | Magan staley Sulit |  | 1,486,162 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 93974C-Z2-4 | VISSHINGGTON ST GO BOS SER 20128-2 |  | 01/11/2018 | Ranirez \& Co., Inc. |  | ${ }_{\text {3,338,850 }}$ | - 3,000,000 | - $\quad 1 . \quad 1,367,710$ | $\bigcirc \quad 3$, |  | (1,291) |  | (1,291) |  | 3,174, 155 |  | 164,695 | -164,695 | ${ }_{68,750}$ | 08801/2025 |  |
| 93374C-99-6 | MASHINGTTON ST GO BSS SER 2012 C |  | .01/09/2018 | LOPP Capital mankers |  | 4,460,720 | $\bigcirc \quad 4,000,000$ | - 4,763,920 | - $\quad$ 4,412,555 |  | - - (2,580) |  | - - (2,580) |  | 4,409,974 |  | .50,746 | 50,746 | 23,333 | .06/101/2026 |  |
| 939740-1 | MASHINGTTON ST G0 SEP 200118 |  | . $010104 / 2018$ | BBET CAPTTAL MAAKETS |  | 2,750,750 | 2, 2,50,000 | - $\quad$ - ${ }^{2,765,750}$ | 2,618,914 |  |  |  | (1307) |  | 2,618,607 |  | -132, 143 | -132, 143 | 54.514 | .0201/2024 | 1 FE |
| 9.93940-Y11-4 |  |  | . $01 / 1 / 1 / 2018$ | LOOP CAPTTAL L LaAKETS .... |  | 9,106,771 | 7,765,000 $\mathbf{3}, 35000$ | -9, $9,885,493$ |  |  |  |  | (3, 3,288$)$ |  | 9,119,147 |  | (12,976) | - --.\|12,976) | -177,988 | .08701/2036 |  |
| 977051--P-9 | WISCOVSIN ST 602016 SER A |  | .01/09/2018 | Rani iez \& Co., Inc. |  | 3,946,300 | 3,350,000 | 4,025,260 | 3,939,392 |  | (1,634) |  | (1,634) |  | 3,937,759 |  | 8,541 | $\bigcirc \quad 8.8{ }^{8,541}$ | 32,569 | .05/01/2034 |  |
| .977051-AC-9 | WISCOMSIN ST 60 BOS SER B |  | .02/13/2018 | \|OLCe |  | 21,280 | 20,000 | 22,577 | 21,233 |  | (60) |  | (60) |  | 21,173 |  | 107 | 107 | 289 | .05/01/2026 |  |
| 977051-1-00-7 | WIICOCNIS S ST GO BSS SER B |  | .01/04/2018 | Various |  | 4,820,036 | 4,480,000 | 5,057,207 | 4,756,108 |  | (744) |  | (744) |  | 4,755,363 |  | ${ }^{64,672}$ | 64,672 |  | .05011/2026 |  |
| 97705L-51-3 | WIISCONSIN ST 00 BONOS 2014 SEB B |  | 01/04/2018 | LOOP CAPITTAL Markers |  | $8,515,050$ | 7,500,000 | 8 8,671,050 | 8,180,568 |  | (1,230) |  | (1,230) |  | 8,179,338 |  | 3355,712 | 335,712 | 69.792 | .05/01/2027 | 1 FE |
| 97705L-6Y-8 | WISCONSIN ST GO REF BOS 2014 SER 4 |  | .02/13/2018 | BaCLAYS CAPITAL INC. |  | 6,979,620 | 6,000,000 | 7,313,220 | 7,030,895 |  | (11, 457) |  | ( $(1,457)$ |  | 7,019,438 |  | (39,8818) | (39,818) | ${ }_{86,667}$ | .0501/12027 |  |
| 1799999. S | Subtotal - Bonds - U.S. States, Territo | ries an | ad Possess | ions |  | 182, 276,523 | 161,319,000 | 186,68, ,34 | 176,366,106 |  | (131,419) |  | (131,419) |  | 176,23, 688 |  | 6,041,836 | 6,041,836 | 006,467 | XXX | XXX |
| .014393- $\mathrm{W}^{1}-2$ | ALDINE TX IND SCH DIST SER 2008 |  | . $02 / 151 / 2018$ | Various |  | .1,075,000 | 1, 1,75,000 | ${ }_{1}^{1,210,343}$ | 1,077,863 |  | (2,863) |  | (2,883) |  | 1,075,000 |  |  |  |  | .02/15/2024 |  |
| . $022447-\mathrm{FF}-0$ | ALIIN TX INS SCH DIST SERIES 2012 |  | .01/11/2018 | LOOP CAPITAL MARKETS |  | 4,311,855 | - 3, 3,93,000 | - 4,674,937 | - 4,220,465 |  | -. ${ }^{(2,449)}$ |  | - - $\quad$ (2,449) |  | - $4.2,218,015$ |  | 93,840 | 93,840 | 82.526 | 02/15/2024 |  |
| .159195-8P-2 | OHANELVIEN TX IND SCH SER 20110. |  | .02/15/2018 | various _Low |  | .760,000 | $\cdots \quad .760,000$ | - .760,000 | - 700,000 |  |  |  |  |  | - 7.760000 |  |  |  | 14,630 | .02/15/2019 |  |
|  |  |  |  | o.a. ancosor a calran |  |  |  |  | 1,141,890 |  | (223) |  | (223) |  | 1,141,667 |  | 42,543 | 42.543 | 3,333 | .06/15/2027 | 1FE |
| (19982--42-0 | COOMAL TX IND SCH DIST SER 2012 |  | .01/11/2018 | LOOP CAPITLL MAAKETS |  | -1,439,399 | -1,315,000 | -1,565,560 | 1,410,611 |  |  |  |  |  | 1,409,779 |  |  |  |  | 02/01/2025 | Ite |
| 199820-13-8 | Comal Tx IN SCH DIST SER 2012 |  | 01/12/2018 | Lui balk . |  | -1,511,293 | 1,380,000 | 1,633,575 | 1,476,964 |  | (998) |  | (928) |  | 1,476,036 |  | 35,257 | ${ }_{35,257}^{25,50}$ | 31,817 | 02/01/2026 |  |
| 235219-J-1-6 | DALLLAS TX 60 BSS SER 2013 |  | . $02 / 13 / 2018$ | Inc. |  | 3,370,260 | 3,00,000 | 3,403,410 | 3,231,273 |  | (4,871) |  | (4,871) |  | 3,226,402 |  | 14, 858 | 143,858 | 75,00 | .02/15/2025 | 1 FE |
| $266403-E K-7$ | OCOHESSE CNTY UT SCH DIST GO 2016 |  | . $01 / 25 / 2018$ |  |  | 4,919,265 | 4,500,000 | . $5,014,710$ | 4,927, 130 |  | . $(3,225)$ |  | (..(3,25) |  | 4,923,905 |  | ... $(4,640)$ | ( $(4,640)$ | 29,000 | .06/10/2030 |  |
| $266093-\mathrm{EH}-4$ | OUCIESSE CNTY UT SCH DIST SER 2016 |  | . $01 / 25 / 2018$ |  |  | 3,600, 180 | 3,000,000 | 3,690,720 | 3,572,808 |  | -(4,382) |  | -(4,382) |  | -3,56, 426 |  | - 317,754 | - .31,754 | 24,167 | .06/01/2028 |  |
| $266093-\mathrm{EJ}-\mathrm{O}$ | DCOCESSNE CNTY UT SCH DIIT SER 2016 |  | 01/25/2018 |  |  | 3887 | 3,200,000 | 3008,192 | 3788 |  |  |  |  |  | 3783 |  |  |  |  | 06012029 |  |
|  |  |  |  | JAMEY, MoNTGOMEY, |  | 3,82,460 | 5,200,00 | - - - $-3,00,102$ |  |  |  |  |  |  |  |  |  |  |  | .0601220 |  |
| .346843-7-7-8 | FOOT EEND TX INOP SCH DIIT REF bos |  | 02/06/2018 | SCOTT |  | 2,721,005 | 2,415,000 | 2,710,041 | 2,575,632 |  | (3, 143) |  | (3, 143) |  | 2,572,489 |  | 148,516 | .148,516 | 58,027 | .08/15/2025 |  |
| 388204-E3-6 | Cose Creek TX IND SCH DIS SR 2013 |  | 01/17/2018 | SIEEERT, BAMFFOOO, SHALK |  | 2,543,798 | 2,205,000 | 2,400,724 | 2,368,682 |  | (1,308) |  | (1,308) |  | 2,367,374 |  | 176,425 | 176,425 | 47,163 | 02/15/2027 |  |
| 387460-LY-2 | TE UT SCH DIST Bro of eou go |  | .01/12/2018 | MORGAN STALLEY SMITH |  | 310,346 | 280,000 | -.332,727 | .303,835 |  |  |  |  |  | 303,631 |  |  |  | 1.789 | 06/01/2021 |  |
|  |  |  |  | M Morad S SAMLEY SIMTH |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 387460-114-3 | GRANITE UT SCH DIST BRD Of ELU 90 |  | .01/23/2018 | Stifel, nicolius a co |  | ${ }_{441,663}$ | 388,000 | .453, 884 | ${ }_{422,413}$ |  | (442) |  | (142) |  | 421,970 |  |  | 19,692 | 2,850 | .06/01/2023 | 1FE. |
| -406560-115-3 | HaLlvVILLE TX INSPT SCH DIST ..... |  | .02/15/2018 | various |  | 2,235,000 | 2,235,000 | 2,235,000 | 2,235,000 |  |  |  |  |  | 2,235,000 |  |  |  | 40,394 | 02/15/2018 |  |
| 488305-411-0 | T TX IN SCH DIIT SER 2013 |  | .01/16/2018 | SCOTT ..... |  | -1,665,281 | ..1,480,000 | 1,699,395 | 1,591,75 |  | . $(1,09)$ |  | (1,079) |  | .1,590,676 |  | 74,606 | 74,606 | 34,328 | 02/01/2023 |  |
| 4881305-4X-8 | SNX INDP SCH DIIT SER 2013 |  | . 01/29/2018 | Ser $\begin{aligned} & \text { sierra Pac } \\ & \text { Seurui ities }\end{aligned}$ |  | 1,659,243 | 1.4880,000 | -1,680,481 | 1,582,54 |  | (1, 842) |  | (1,842) |  | 1,580,612 |  | 78,631 | 78,631 | 37,000 | 02/01/2024 |  |
| 481305-22-3 | JoSod TX INOP SCH DIST SER 2013 |  | .01/16/2018 |  |  |  | 1,300,000 | 1,466,536 |  |  |  |  | (453) |  | 1,400,742 |  |  |  |  |  |  |
| . $513660-\mathrm{HN}-3$ | LAIPPASAS TX INO SCH DIST SER 2013 |  | .01/23/2018 | Stepenis inc |  | 1,384,232 | 1, 1205,000 | 1,472,667 | 1, 1,52,045 |  | (1,655) |  | $(1,655)$ |  | 1,350,391 |  | ${ }_{33,841}$ | ${ }_{33,841}$ | ${ }_{26,778}$ | 02/15/2026. |  |
| 513660-HP-8 | LAIPASAS TX INO SCH DIST SER 2013 |  | .02/13/2018 | पив BAN |  | 1,480,392 | 1,310,000 | 1,587,585 | 1,462,889 |  | (3,281) |  | (3,281) |  | 1,459,608 |  |  | 20,784 | 32,750 | .02/15/2027 |  |
| 540567-SG-0 | LOCAN CITY UT SCH DIST GO SER 2014 |  | .01/17/2018 | nose |  | 2,339,330 | 1, 980,000 | 2,475,020 | 2,331,176 |  | (2,254) |  | ( 2,254$)$ |  |  |  |  |  | 9,350 | 06/15/2026 |  |
| .50056--J-8 | LOCAN CITY UT SCH DIST So SER 2014 |  | .01/17/2018 | ${ }_{\text {INC }}$ Rober |  | .1,769,250 | - 1,500,000 | - - - 1,880,600 | - -1,756,164 |  | . 11.639$)$ |  | .. 11.639$)$ |  | 1,754,525 |  |  |  | 7,083 | .06/15/2027 |  |
| 661737--EE-0 | HOOGGN ONTY UT SCH DIS GO SER 2015 |  | .01/25/2018 | BARGAN ST |  | 1,420,980 | 1,200,000 | 1, 490,820 | 1,411,006 |  | $(2,001)$ |  | $(2,001)$ |  | 1,409,004 |  | 11,976 | 11,976 | 29,667 | 08/01/2024 |  |
|  | NEIC CAMEY TX INP SCH DIS SER 2013 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .6433153-2P-3 | NEV CMEV TX INPP SCH DIS SER 2013 |  | .01/23/2018 | NELLS AAGO SECURTTIES |  | 1,205,630 | 40,000 | 1,153,433 | - - - 1, 108,078 |  |  |  |  |  | 1,107,407 |  |  | ${ }^{98,223}$ | 23,111 | 02/15/2026 |  |
| 643315-20-1 | NEEV CANEY TX INP SCH DIS SER 2013 |  | .01/23/2018 | INC |  | 1,256,441 | 1,085,000 | 1,187,131 | 1,146,503 |  | (603) |  | (603) |  | 1,145,899 |  | 110,542 | 110,542 | 24,111 | 02/15/2027. | 1 IEE |

SCHEDULE D - PART 4

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  | hange In Boo | ok/Adjusted | Carrying Valu |  | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CUSIP ification | Description | $\begin{array}{\|l\|} \text { For- } \\ \text { eign } \end{array}$ | $\begin{gathered} \text { Disposal } \\ \text { Date } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Name } \\ \text { of Purchaser } \end{gathered}$ | $\begin{array}{\|c} \begin{array}{c} \text { Number of } \\ \text { Shares of } \\ \text { Stock } \end{array} \\ \hline \end{array}$ | Consideration | Par Value | $\begin{aligned} & \text { Actual } \\ & \text { Cost } \\ & \hline \end{aligned}$ | Prior Year Book/ Adjusted Carrying Value |  |  | 13 <br> Current <br> Year's <br> Other Than <br> Temporary <br> Timpairment <br> Recog- <br> nized | 14  <br> Total  <br> Change in  <br> Bookl  <br> Adjusted  <br> Carrying  <br> Value  <br> $(11+12-$  <br> 13)  | 15 Total <br> Foreign <br> Exchange Change in <br> Book IAdjusted Carrying Value | $\begin{gathered} \text { Book/ } \\ \text { Adjusted } \\ \text { Carrying } \\ \text { Value at } \\ \text { Disposal } \\ \text { Date } \\ \hline \end{gathered}$ | Foreign Exhange Gain (Loss) on Disposal | Realized <br> Gain <br> (Loss) on <br> Disposal | Total Gain <br> (Loss) on <br> Disposal | Bond Interest/ Stock Dividends Received DuringYear | Stated Contractual Maturity Date | NAIC Desigor Market Indicator (a) |
| .643153-28-7 | NEIC CAEY TX INP SCH DIS SER 2013 |  | .01/23/2018 |  |  | 1,380,213 | 1,195,000 | 1,277,694 | 1,245,083 |  | (488) |  | (488) |  | 1,244,595 |  | 135,618 | 135,618 | 26, | 02/15/2029 - | TFE |
| . 65915 | NORTH EAST TX INO SCH DIS SER 2007 |  | .01/04/2018 | D.A. DAVIISSN \& CIINPANY |  | 1,121,9 | .940,000 | 1, 128,282 | 1,042,3 |  | (128) |  | (128) |  | 1,042, |  | 711 | 79,711 |  | 02/01/2024 |  |
|  |  |  |  | JAMEV, MONTGOMEYY, |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 720473-SV)-7 |  |  | - |  |  | $\begin{array}{r} .4,455,937 \\ -1,770,690 \end{array}$ | $\begin{array}{r} 3,830,000 \\ \hdashline-\quad 1,50000 \end{array}$ | $\begin{array}{r} 4,624,151 \\ \hdashline \\ -1,80080 \\ \hline \end{array}$ | $\begin{array}{r}4,401,576 \\ -\quad 1,-\quad 1,76,758 \\ \hdashline-\quad 2,\end{array}$ |  | $\begin{array}{r} (8,785) \\ \ldots-. . \\ \hline(1,896) \end{array}$ |  | $\left.\begin{array}{r} (8,785) \\ -\quad . \quad . \quad(1,896) \end{array}\right)$ |  | $4,392,791$ $1,714,861$ |  | $\begin{aligned} & .63,146 \\ & . .55,829 \end{aligned}$ | $\begin{array}{r} 63,146 \\ -\quad 55,829 \end{array}$ | 39,364 12,083 | l |  |
| 735218-EB-6 | Pоot Artur jefferso cty TX. |  | .03/01/2018 | Called |  | 2,145,000 | 2,145,000 |  | - |  |  |  |  |  | 2,145,000 |  |  |  |  | 03/01/2021. |  |
| .735218-EN-5 | Poort arthr nav jefersow cty TX |  | .03/01/2018 | vanlous |  | . 6400000 | -. 640,000 | - - $\quad . \quad 649,965$ | ..640,220 |  | (220) |  | (220) |  | ..640,000 |  |  |  | 16,800 | 03/01/2018 |  |
| -734260-22-0 | Port houston auth harpis cty Tx |  | .01/1/20018 | SECURTIE |  | 1,031,320 |  | 1,026,970 | 1,002,670 |  | (165) |  | (165) |  | 1,002,505 |  | 28.815 | 88,815 | 19.271 | 10/01/2029 | IFE |
| 733260-27-0 | POORT OF HOUSTON TX BDS SER 20100-1 |  | -1/04/2018 | LOop chatiol liakieis |  | 2,176,420 | 2,000,000 | 2,256,040 | 2,104,748 |  |  |  |  |  | 2,104,443 |  |  | 71,977 | 26,944 | 10/01/2024 | 1 FE |
| .733571-LT-1 | PORT OF SEATLE NIA GO BOS 2011. |  | .01/18/2018 | JJFFERESES 8 COIPAMY |  | 1,379, 175 | 1,295,000 | 1,399,753 | 1,321, 125 |  | (615) |  | (615) |  | 1,320,510 |  | 58,665 | 58,665 | 9,632 | 12/01/2019 |  |
| .73537-LU-8 | Poot of seatil In go dos 2011 |  | .01/18/2018 | INC |  | 548,010 | 500,000 |  | 511,882 |  |  |  |  |  | 511,703 |  |  |  | 3,719 | 12/01/2020 | 1 FE |
| .796237-WW-5 | SAN ANTONO TX GO BSS SERRES 2011 |  | .01/12/2018 | Jum Balk |  | 1,111,220 | 1,000,000 | 1,177,940 | 1,073,703 |  | (601) |  | (601) |  | 1,073,102 |  | ${ }_{38,118}$ | ${ }_{38,118}$ | 23,056 | 08/01/2025 |  |
| .79623-YJ-8 | SAN ATTONO TX CO BOS SERIES 2012 |  | .01/12/2018 |  |  | 795,108 | .725,000 | . 859,379 | .775,437 |  | .(482) |  | (482) |  | 774,954 |  | 20,153 | 20,153 | 16,775 | 02/01/2024 |  |
| 796675-AL-4 | SAN BENTTO TX IND SCH DIS SER 2012 |  | 01/16/2018 |  |  | 1783 | 1585 | 188 |  |  | (1,341 |  | (1,341) |  | 1723388 |  |  |  |  |  |  |
|  |  |  |  | Hogacas s |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -81824-1N-6 | SEEVIER CNY UT SCH DIST SER 2013 |  | -01/16/2018 | BAANEY LL |  | 1, $1.525,121$ | $\bigcirc \quad 1,1,300000$ | 1,589,495 | 1,474,698 |  | $(1,196)$ |  | - (1, 196) |  | 1,473,501 |  |  |  | 8.747 | 06/01/2022 | 1 FE |
| -818240-1+-7 | SEVI ER ONY UT SCH DIST SER 2013 |  | . $02 / 131 / 2018$ | PIPER JAFFRAY - |  |  | $-\quad 1,1725,000$ |  | $\cdots \quad 1,887,701$ |  | (3,216) |  | (13, |  | -1,884,485 |  | 80,600 <br> 09799 | - $\quad 80.600$ | -17,29 | ${ }^{006 / 1 / 2025}$ |  |
| .81820-H1-5 | SEVIER CNTY UT SCH DIIT SER 2013 |  | . $02 / 13 / 2018$ | Ramirez \& Co. Inc. |  | 2,12, 562 | $-\quad 1,870,000$ | $\quad$ 2,136,045 | - 2,029,910 |  | (3,45) |  | 3, 145) |  | 2, 206,765 |  |  | $\bigcirc \quad .05,797$ | 9,219 | 06/01/2026 |  |
| 833714-51-4 | ScCOARO TX IND SCH DIST SER 2012 |  | .01/12/2018 | BAMEY LL |  | 2,512,40 | 2,250,000 | 2,646,068 | 8,667 |  | $(1,358)$ |  | $(1,358)$ |  | 2,417,310 |  | 95,130 | 95,13 | 47,500 | 08/15/2026 | 1FE |
| .85000->>3-9 | SPPIIG TX IND SCH DIS BDS SER 2013 |  | .01/29/2018 | Securit ies |  | 851,513 | .750,000 | 851,565 | 805,461 |  | (871) |  | (1871) |  | 300,590 |  | 46,922 | -. 46,92 | 17,29 | 08/15/202 |  |
|  |  |  |  | KEVBAIC CAPIT TAL MAAKETS |  |  |  |  |  |  | (831) |  | 831) |  |  |  |  |  |  |  | IFE. |
| -886155-N-5 | THRSTON CNTY VA SCH 1 IIT 602016 |  | -01/25/2018 | bosc, inc. |  | 1,203,780 | 1,000,000 | 1,23,620 | 1,212,500 |  | (1,528) |  | (1,588) |  | 1,210,972 |  | - 7 (7,192) | -- 7 (7,192) | 8,056 | 12/01/2027 | 1 FE |
| .886155-N-2 | THRSTTO CNTY MA SCH DIST GO 2016 |  | .01/22/2018 | -.A. dafloson |  | ,199,880 | 1,000,000 | 1,228,960 | 1,203,170 |  |  |  |  |  | 1,201,898 |  |  |  |  | 12/112028 |  |
| 930883-V4-4 | WAKE CNTY NC G0 SER 2009A |  | . $01 / 08 / 2018$ | Loop capital lmakeis |  | 7,925,867 | 7,620,000 | 8,538,972 | 7,765,150 |  | $(2,379)$ |  | (2,379) |  | 7,762,771 |  | 163,095. | 163,095. | 136, 525 | ${ }^{103 / 01 / 2022}$ | 1 FE . |
| 2499999.5 | Subtotal - Bonds - U.S. Political Subdi | visions | of States, | Territories and Posse | Ssions | 96, 958, 283 | 86,540,000 | 99,734,724 | 94,219,808 |  | (77,526) |  | (77,526) |  | 94, 14, 2,80 |  | 2,816,002 | 2,816,002 | 1,379,785 | XXX | XXX |
| 25477 P-NT-8 |  |  | ${ }^{0}$ | PPIINCIPAL REEEIPT |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }^{03 / 101 / 2049}$ - |  |
|  | E BATO ROUGE LA MTG FIN ATH |  | - $0.0207 / 2018$ | ${ }^{\text {vaflous }}$ calleo |  | 291,867 $4,610,000$ | 4,661,000 | 4,624,752 | - ${ }_{\text {4,610, }}^{28171}$ |  | $\underset{\sim}{-1(131)}$ |  | - $\quad$ - ${ }^{(13)}$ |  | 285,1,158 <br> $4.61,000$ |  | 6,709 | $\ldots$ | 5,014 77,679 | - 10/01/2028 |  |
| -3133T-AU-2 | FHLIC SER T-009 CL A-6. |  | -03/26/2018 | PRIIICIPAL LEEEIPT |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 03/25/2029 |  |
| 340741-CC-3 | FLLAIDA ASG FIN COOP 2010 SER A-1 |  | -0105/2018 | waturity |  | 180,000 | 180,000 | 179,100 | 180,000 |  |  |  |  |  | 180,000 |  |  |  |  | 01/01/2018. | 17 F |
| 340744-1-0 -6 | FLLORIDA ST HGG FIN COPR 2013 SER B |  | .03/02/2018 | PRINCIPAL REEEIPT |  | 735,901 | 735,901 | 7335,901 | ${ }^{735,901}$ |  |  |  |  |  | .735,901 |  |  |  | ${ }^{2}, 707$ | 07/01/2041 |  |
| 340774-KZ-3 | Flordid St Hg Fin Cope 2014 SER B |  | -01/23/2018 | vantous |  | 2,606,064 3,014,60 | 2, 2555,000 | 2,673,169 | 2,635,457 |  | ${ }^{(633)}$ |  | - $\quad 16$ |  | $2,634,825$ 3 3 |  | (28,761) | (28,761) | 42.915 | 07/1012045 |  |
| -340741-11T-4 | FLCORDA ST HGG FIN OOPP 2015 SEC 1 |  | -01/2212018 | $\int_{\text {PRIIICIPAL }}^{\text {vecelipt }}$ |  | $3,014,600$ <br> 158,582 | +2,865,000 |  | $\begin{array}{r}3,062,161 \\ \hline 1.158,582 \\ \hline 1\end{array}$ |  | - (1,403) |  | - $\quad(1,403)$ |  | $\begin{array}{r}3,060,758 \\ \hline \ldots \text {,158, } 58\end{array}$ |  | (46, 158) |  |  | - $01 / 1 / 1 / 2047$. | 1FE |
| 340741-PP-2 | FLORIDA ST HSG FIN OOPP SSR 2016 A |  | -0302/2018 | Princlpal heelip |  | 254,099 | 254,099 | 254,099 | 254,099 |  |  |  |  |  | 254,099 |  |  |  | 1,103 | 01/01/2043 |  |
| -340744-PQ-0 | Florid si hag Fin Cone ser 2016 B |  | . $030102 / 2018$ | PRIICCPALL ReCEIPT |  | $\begin{array}{r}\text { 276,993 } \\ \hline 2564830\end{array}$ | - $\begin{array}{r}276,993 \\ -\quad 247000\end{array}$ | -276,993 |  |  |  |  |  |  | $\begin{array}{r}\text { 276,993 } \\ \hline 582 \text { 186 }\end{array}$ |  |  |  | 1,021 | .0101/12043 |  |
| -340741-88-6 | FILORIDA ST HGG FiN ReV 2013 SeRIES |  | -O1/17/2018 <br> $01 / 25 / 2018$ <br> 0 |  |  | $\begin{array}{r} \text { 2,564, } 830 \\ -\quad .19 \end{array}$ | $\begin{array}{r} 2,470,000 \\ \hline-\quad 19 \end{array}$ | $\begin{array}{r} 2,54,, 56 \\ -\quad-\quad . \quad 19 \\ -\quad . \end{array}$ | $2,582,926$ $-\quad-\quad 19$ |  |  |  |  |  | $\begin{array}{r}2,582,186 \\ \hline-19\end{array}$ |  | (17,366) | (17,36) | 53,760 | ${ }^{.07 / 01 / 2035}$ |  |
| 31371-V-7-7 | FWWA POOL \#257238 |  | -03/26/2018 | Princlipal ReEl PT |  | 5,653 |  | 5,412 | 5,362 |  |  |  | 291 |  |  |  |  |  | - $\quad$ - $\quad 28$ | 06/01/2028 |  |
| 31373E- $11-6$ | FWMA Pool \# 210108 |  | .03/26/2018 | Principal eecip |  | . 797 | 797 | 747 | ${ }^{766}$ |  |  |  |  |  | ${ }^{797}$ |  |  |  |  | 10/01/2024 |  |
| -313790-60-4 | FNWA Pool 416677 |  | -.03126/2018 <br> $03 / 262018$ | PPRICCPPL LEEEPPT |  | 2, ${ }_{4.878}$ | 2,678 4.810 | 2,655 ${ }_{4}$ | +2,665 |  |  |  | $\begin{array}{r}13 \\ 15 \\ \hline\end{array}$ |  | $\begin{array}{r}2,678 \\ \hline-\quad 4.810 \\ \hline\end{array}$ |  |  |  |  | ${ }^{12 / 01712018}$ |  |
| -31370-24 | FWMA Pool \# 685957 |  | -03/26/2018 | \|PRIICLPALL REEEEPT |  | ${ }_{4}^{4,210}$ | 4.810 4,210 | 4.8829 | ${ }_{4}^{4,393}$ |  | ${ }_{\text {(123) }}^{15}$ |  | (123) |  | ${ }_{4}^{4,810}$ |  |  |  | 20 | 090 |  |
| -34400-30-8 | FWNA POOL \# 690311 |  | -03/26/2018 | PPIICIPAL REEEIPT |  | 71,869 | --71,869 | 71,711 | - 71,713 |  |  |  |  |  |  |  |  |  |  | 04/01/2033 |  |
| -3440 | FWM Pool 745054 |  | . $03 / 23672018$ | PRICCIPAL AEEEPT |  |  | ¢, 9,554 | -9.537 | .9,537 |  |  |  |  |  | ${ }^{9.554}$ |  |  |  |  | 09/01/2035 |  |
| -314096-44-0 |  |  | - $0.03 / 26 / 2018$ |  |  |  | -5, 5.968 | $\begin{array}{r}\text { 54, } \\ 54.792 \\ \hline\end{array}$ | - 5.445 54.799 |  | (1.872) |  | (1.872) |  |  |  |  |  | 164 | - $\begin{aligned} & \text { 01/1/1/2034 } \\ & 09 / 1 / 2043\end{aligned}$ |  |

SCHEDULE D - PART 4


SCHEDULE D - PART 4

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{4}{*}{1} \& \multirow[b]{7}{*}{D} \& \multirow[b]{6}{*}{For-} \& \multirow[t]{5}{*}{4} \& \multirow[t]{5}{*}{5} \& \multirow[t]{5}{*}{6} \& \multirow[t]{5}{*}{7} \& \multirow[t]{6}{*}{8} \& \multirow[t]{6}{*}{9

Actual} \& 10 \& \multicolumn{5}{|c|}{Change in Book/Adjusted Carrying Value} \& \multirow[t]{2}{*}{16} \& \multirow[t]{3}{*}{17} \& \multirow[t]{3}{*}{18} \& \multirow[t]{4}{*}{19} \& \multirow[t]{2}{*}{20} \& \multirow[t]{3}{*}{21} \& \multirow[t]{2}{*}{} <br>

\hline \& \& \& \& \& \& \& \& \& \& 11 \& 12 \& \&  \& $$
\begin{gathered}
15 \\
\text { Total }
\end{gathered}
$$ \& \& \& \& \& \& \& <br>

\hline \& \& \& \& \& \& \& \& \& \& \& \& Current
Year's \& Change in Book/ \& Foreign \& \& \& \& \& Bond \& \& Desig-
nation <br>
\hline \& \& \& \& \& \& \& \& \& Prior Year \& \& Current \& Other Than \& Adjusted \& Change in \& Adjusted \& Foreign \& \& \& Interest/ \& Stated \& or <br>
\hline \& \& \& \& \& \& \& \& \& Bookl \& Unrealized Valuation \& Year's (Amor- \& Temporary Impairment \& Carrying Value \& Book

IAdjusted \& Carrying Value at \& Exchange \& $$
\begin{aligned}
& \text { Realized } \\
& \text { Gain }
\end{aligned}
$$ \& \& Stock Dividends \& Contractual \& Market In- <br>

\hline Ident- \& \& \& Disposal \& ne \& Shares of \& nsid- \& \& \& Adjusted
Carrying \& Valuation \& tization)/ \&  \& (11+12- \& TAdjusted
Carrying \& Value at
Disposal \& (Loss) on \& (Loss) on \& (Loss) on \& Diveceived
R \& Maturity \& <br>
\hline ification \& \& eign \& Date \& of Purchaser \& Stock \& eration \& Par Value \& Cost \& Value \& (Decrease) \& Accretion \& nized \& 13) \& Value \& Date \& Disposal \& Disposal \& Disposal \& DuringYear \& Date \& (a) <br>
\hline 46 \& IOINA ST Fin AUT SF wit bis 2015 A \& \& -02107/2018 \& various \& \& ${ }^{14,664,128}$ \& 14,275,000 \& 15,030,005 \& 14,836,5979 \& \& (6,700) \& \& (6,70) \& \& 14,829,887 \& \& $(165,759)$ \& (165,759) \& \& 01101272040 \& <br>

\hline ${ }_{\text {a }}$ \&  \& \& . $0.03 / 28 / 2018$ \& PRICCOPAL LEEEPT \& \& ${ }_{84,981}^{22,915}$ \& $\begin{array}{r}\text { 22, } \\ \hline \text { 84,981 }\end{array}$ \& \[
{ }_{884,981}^{23,899}

\] \& $\begin{array}{r}23,796 \\ \hline 84.981 \\ \hline 8 .\end{array}$ \& \& \& \& \& \& | 23, ${ }_{84,981}$ |
| :--- |
| 1,981 | \& \& .(877) \& - (877) \& \& ${ }^{11 / 27 / 2038} 1$ \& <br>

\hline (56627-70-2 \&  \& \& - $033 / 072721818$ \&  \& \& ${ }_{133,737}^{84,81}$ \&  \&  \&  \& \& \& \& \& \& - \& \& \& \& \& ${ }^{12 / 2012038388}$ \& 1 FE <br>
\hline 57586N-UR-0 \& MASSACCHSETT ST HSG FIN 2014 SER A \& \& .03/15/2018. \& Princlipal ReEEPT \& \& 5,582 \& 5.582 \& 5.582 \& 5.582 \& \& \& \& \& \& 5.582 \& \& \& \& \& 01/15/2046 \& <br>
\hline 605350-17-1 \& WIISSISSSIPPI ST HOME COPP SEE 2015A
WISSUPI ST HSG DVV 2013 SER A \& \& -03/06/2018 \& PRINCCPAL REEEIPT \& \& 115,334 \& .115,334 \& ${ }^{115,3534}$ \& 334 \& \& \& \& \& \& 1115,342 \& \& \& \& \& 12/101/2034 \& <br>

\hline -606378-CN \& MWISOUR ST HSG DEE 2013 SER A \& \& - 0.030172018 \& ${ }^{\text {Callle }}$ Cod \& \& | 370,000 |
| :--- |
| 110,000 | \& $\begin{array}{r}370,000 \\ \hline .110,000\end{array}$ \& -370,000 \& $\begin{array}{r}370,000 \\ \\ \\ \hline 10\end{array}$ 110.170 \& \& (5) \& \& (5) \& \& | 370,000 |
| :--- |
| 110,166 | \& \& (166) \& (166) \& $\begin{array}{r}1,612 \\ \hline 175 \\ \hline 175\end{array}$ \& 边 $\begin{aligned} & 11 / 1 / 12040 \\ & 11 / 01 / 2041\end{aligned}$ \& <br>

\hline -606378-CR-9 \& WIISSOURI ST HSG DEV 2013 SER D \& \& -03/0222018 \& Princlipal Reecip \& \& 202,790 \& 202,790 \& 202,790 \& -202,790 \& \& \& \& \& \& \& \& \& \& 926 \& 10/01/2034 \& 1 FE <br>
\hline .600377-611-6 \& |IIISSORII ST HSG DEV 2015 SER B-1 \& \& . $03 / 01 / 2018$ \& various \& \& 6,777,643 \& 6,470,000 \& 6,954,538 \& 6,848,658 \& \& (4,627) \& \& - (4,627) \& \& 6,844,032 \& \& ${ }^{(66,389)}$ \& ${ }^{(666,399)}$ \& \& 11/01/2045 \& <br>
\hline .600378-14-6 \&  \& \& . $01 / 2332018$ \& vablous \& \& 6,032,375 \& . $5,705,000$ \& 6,772, ,182 \& 6,069,781 \& \& (2,679) \& \& - (2, 2,679$)$ \& \& 6,067, 101 \& \& \& - 34.78 \& 53,033 \& 11/01/2045 \& <br>
\hline -600378-HW-5 \&  \& \& - $0.0201 / 212018$ \& vanlous \& \&  \& 6,085,000

$8,85,000$ \& $$
\begin{array}{r}
6,600,765 \\
\hdashline-951,108
\end{array}
$$ \& 6,497,986

$9,503,977$ \& \& $\begin{array}{r}(3,772) \\ (4,827) \\ \hline\end{array}$ \& \& $\cdots$ \& \& $6,644,214$
$9.499,150$ \& \& (84,016)
(149,913) \& - (84, 816 \& 57, 106
81.143
81 \& $11 / 1 / 1 / 2036$
$05 / 012040$ \& <br>
\hline -6038301-K-2 \& NEBRSSA HOUSING EVEV 2013 SeRIES E. \& \& -012212018 \& varlous \& \&  \& $8,825,000$
$1,390,000$ \& $-9,651,108$

$1,437,302$ \& -9,503,977 \& \& $$
\binom{(4,827)}{(284)}
$$ \& \& -(\%)(4,827) \& \& -9,499, 150

1,48386 \& \& $\ldots$ \&  \& | 81,143 |
| :--- |
| 16,623 |
| 106 | \& - $05 / 01 / 2040$ \& <br>

\hline 639681-14-2 \& NEBPASKA St HOUSING REV 2013 SER E \& \& . 02/15/2018 \& A. DAVIISSO \& CIIPANY \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 6336841-EV-7 \& NEBBASCA ST IN FIN AUT 2013 SER A \& \& . 0220712018 \& vablous \& \& .60,486 \& \& \& .50,870 \& \& \& \& (16) \& \& 60,854 \& \& \& \& 774 \& 03/01/2003 \& <br>
\hline 6398681-K0-1 \& NEBRASKA ST IN FIN AUT 2015 SER A \& \& .02/01/2018 \& \& \& ,651,898 \& , 885,000 \& 4,799, 264 \& .733,031 \& \& \& \& 607) \& \& 731, 423 \& \& 79,526) \& (79,526) \& 3,080 \& 09/01/2045 \& <br>
\hline \& NEEAODA HSG MTG REV BONOS SER 20098 \& \& . $02007 / 2018$ \& Secur $\begin{aligned} & \text { sities } \\ & \text { Sea }\end{aligned}$ \& \& \& \& \& 95,499 \& \& \& \& \& \& \& \& \& \& \& 10/01/2039 \& 1FE <br>
\hline 647200-48-2 \& NEE MEXICOO FIN AUHH 2016 SER $A$-2 \& \& .03/01/2018 \& varlous \& \& 4,519,928 \& 4,380,000 \& 4,647,968 \& 4,611,545 \& \& (2,653) \& \& (2, 653$)$ \& \& 4,608,892 \& \& (88,964) \& (188, 264 ) \& \& 03/01/2046 \& <br>
\hline -647200-2F-0 \& NEEN MEXCOCO WTG FIN AUTH 2014 SEE A \& \& - $01 / 181 / 2018$ \& acore k balu co \& \& 1,406,525 \& 1,345,000 \& $\begin{array}{r}1.44,422 \\ \hline 163 \\ \hline 1.69 \\ \hline\end{array}$ \& 1,406,323 \& \& \& \& 558) \& \& 1,405,765 \& \& \& (240) \& \& 03/01/2044 \& <br>
\hline 64720-3P-7
$-64720-55-7$ \&  \& \& - $0.0302 / 212018$ \& PRICCIPPL REC \& \& 1635,969
2,445,075 \& 2,367,000
.1699 \& 163,969
2,532,250 \& 2,510,969
-123 \& \& \& \& \& \& 2,508, 16.911 \& \& (68,436) \& \& \& -09/01/2037 \&  <br>
\hline ${ }^{647200-75-3}$ \& NEI MEXXCO ST MTG FIN AUTH CL I \& \& -01/22/2018 \& GEDGEE K BAUI \& \& .722,722 \& .700,000 \& 2,763,385 \& ${ }^{\text {a }}$,729,033 \& \& \& \& \& \& . 7288,645 \& \& (195,923) \& -(5, ${ }^{(1203)}$ \& 111,817 \& 03/01/2004 \& <br>
\hline 647200-V3 \& NEE INEXICO St MTG Fin Auth \& \& \&  \& \& 40,725 \& \& 40,800 \& \& \& \& \& \& \& \& \& \& 262 \& \& \& <br>
\hline 677377-2P-7 \& OHII HSG FIN EEV BONOS 2016 S SER \& \& -03/01/2018 \& Called \& \& 110,000 \& -110,000 \& --110,000 \& - 110,000 \& \& \& \& \& \& -110,000 \& \& \& \& \& 11/01/2041 \& 1 FE <br>
\hline -67737-212-4 \&  \& \& - $\begin{array}{r}\text {. } \\ 0 \\ 01 / 1 / 1 / 1 / 212018 \\ \hline\end{array}$ \&  \& \& 200,000 \& $\begin{array}{r}\text { 200,000 } \\ \hline 855000\end{array}$ \& $\begin{array}{r}\text {.200,000 } \\ \hline 920,613\end{array}$ \& $\begin{array}{r}\text { 200,000 } \\ \hline 882,140\end{array}$ \& \& \& \& \& \& .200, 81,000
880 \& \& \& \& \& 11/01/2041
$0901 / 2027$ \& 1 IFE <br>
\hline 6788801-PU-7 \& OLLAHOUNA ST HSG FIN AGY 2013 D . \& \& 0201/2018 \& vablus \& \& 2,448,607 \& 2,386,670 \& 2,386,670 \& 2,386,670 \& \& \& \& \& \& 2,386,670 \& \& 61,937 \& 61,937 \& \& 09/01/2035 \& <br>
\hline 6788811-P-4 \& OKLLHOOMA ST HSG FIN AGY 2013 SEF A \& \& . $03 / 01 / 12018$ \& vablous \& \& 90,000 \& 90,000 \& 90,000 \& 90,000 \& \& \& \& \& \& 90,000 \& \& \& \& \& 09/01/2041 \& <br>
\hline 6788811/Ps-2 \& OKLAHOOLA ST HEG FIN AGY SER B TAX \& \& -03/01/2018 \& ${ }^{\text {Calle }}$ \& \& 315,000 \& -315,000 \& -319,212 \& -316,413 \& \& \& \& (32) \& \& \& \& \& \& \& 09/01/2041 \& <br>

\hline -6845011-C2-2 \& ORANGE NTY FL HSg AuH Ser 2011 \& \& - $01 / 2123 / 2018$ \& gearge k ball \& co \& \& 1,084,751 \& \[
$$
\begin{array}{r}
1,055,000 \\
.165,000
\end{array}
$$

\] \& \[

$$
\begin{array}{r}
1,124609 \\
\hdashline-165,000
\end{array}
$$

\] \& \[

$$
\begin{array}{r}
1,08,1,168 \\
. \quad .185,000
\end{array}
$$
\] \& \& \& \& \& \&  \& \& \& 3,964 \& 18,463 \&  \& 1 <br>

\hline . $7231611 / 1-6-4$ \& PINELAS CNTY FL HSG FIN AUT 2016A \& \& .03/05/2018 \& vanious \& \& 1,001,550 \& -975,000 \& 1,041,212 \& 1,029,806 \& \& (606) \& \& (606) \& \& -1,029,200 \& \& (27,650) \& (27, 650 \& 17,599 \& 03/21/2046 \& <br>
\hline . $723161611-18-7$ \& PIIELLAS OTYY LL HEG FIN NUUSEEB B \& \& - $01 / 212321218$ \& varius \& \& -605,450 \& -590,000 \& -1628, 6 \& --1006,656 \& \& (272) \& \& (272) \& \& -.606,384 \& \& -(1934) \& - (1934) \& \& 09/1/2027 \& <br>

\hline - \& TEXA ST OEPT Of HGg 2017 SER B \& \& ${ }^{-0330772018}$ \& PPRICCPAL AECEIPT \& \& | 163,902 |
| :--- |
| 175.000 | \& - $\begin{array}{r}\text {-163,002 } \\ 175000\end{array}$ \&  \& +163,902 \& \& \& \& \& \& | 163,02 |
| :--- |
| 175,000 | \& \& \& \& \&  \& <br>

\hline -88275-NT-2 \& TEXAS ST HSG MTG BDS 2013 SER A \& \& -03/01/2018 \& Calleo \& \& 180,000 \& .180,000 \& 188,000 \& 180,000 \& \& \& \& \& \& 180,000 \& \& \& \& \& ${ }^{03 / 1 / 1 / 2036}$ \& <br>
\hline 93978X-ER-7 \& WhSHINGTON ST HSG Fin Coll 2015 B . \& \& .03/01/2018 \& Called \& \& 180,000 \& .180,000 \& 180,000 \& 180,000 \& \& \& \& \& \& 1880,000 \& \& \& \& \& 05/01/2041 \& <br>
\hline -93978X-E0-9 \& WWSHHINGTON ST HSG FIN COMM 2015 A . \& \& . $03 / 01 / 2018$. \& CAL \& \& 110,000 \& 110,000 \& 110,000 \& 110,000 \& \& \& \& \& \& 110,000 \& \& \& \& 563 \& 09/01/2040 \& 1FE. <br>
\hline 3199999. \& Subtotal - Bonds - U.S. Special Reven \& \& \& \& \& 260,82, ,500 \& 256, 961, 115 \& 264,367,614 \& 120,37, ,146 \& \& (194,450) \& \& (194,450) \& \& 262,90, ,817 \& \& (2,073,268) \& $(2,073,288)$ \& 1,745,026 \& XXX \& XXX <br>
\hline . 008428 -A-A-6 \& AGATE BAY MTG Trust $2015-5 \mathrm{Ca}$ A9 \& \& . $03 / 268 / 2018$ \& PRIINCIPAL LEEEEPT \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline | 00842T-AD-0 |
| :--- |
| 00842V-AE-3 | \&  \& \& - $0.03 / 26 / 2018$ \& PRINCIPAL RECEIPT PRINCIPAL RECEIPT \& \& \[

.52,125

\] \& \[

{ }_{.276,556}{ }_{227}

\] \& \[

$$
\begin{array}{r}
51,41 \\
-\quad . \quad 283642
\end{array}
$$

\] \& \[

$$
\begin{array}{r}
51,463 \\
. \\
.282,362
\end{array}
$$

\] \& \& \[

\left($$
\begin{array}{c}
(5,806) \\
\hline(506)
\end{array}
$$\right.

\] \& \& \[

(5,806)
\] \& \& 52, 125

$.276,566$ \& \& \& \& $$
.78
$$ \& ${ }^{12} \times 2 / 25 / 2045$ \& <br>

\hline 20826--1E-6 \& COVCOOPHILIPS COMPANY. \& \& -01/22/2018 \& Called \& \& 2,396,230 \& 2,340,000 \& 2,339,415 \& 2,339,663 \& \& \& \& \& \& \& \& 56,562 \& 56,562 \& \& 11/15/2021 \& 1FE <br>
\hline 21987H-A0-8 \& CORPOBATE BOND-GKO SER 1998-CAT-1 \& \& .03/01/2018 \&  \& \& 4386,106 \& 436, 106 \& -438,653 \& 436,094 \& \& \& \& \& \& 436, 106 \& \& \& \& 14,173 \& 03/01/2018 \& 1FE. <br>
\hline . $0677383-100-1$ \& CR BAPD INC \& \& 01/15/2018 \& vanlous \& \& 1,020,000 \& 1,020,000 \& .981,240 \& 1,019,632 \& \& 368 \& \& 368 \& \& 1,020,000 \& \& \& \& 7.013 \& 01/15/2018 \& 2FE <br>
\hline 22944P-A-5 \& CREDIT SUISSE ITG TRUS 2013-TH1 \& \& . $03 / 2 / 2 / 2018$ \& PRICCLPALL REEEPT \& \& 602,478
604
6 \&  \& --581,203 \& - 5 544,275 \& \& 18,203 \& \& -18,203 \& \& ${ }_{602,478}$ \& \& \& \& \& ${ }^{02 / 255 / 2043}$ \& , <br>
\hline -126877-AL-A-2 \& Cell \& \&  \&  \& \& 6,111,708 \& 6,000,000 \& -6,949,420 \&  \& \& \& \& \& \& -699,514 \& \& 112, 19 \& 112, 19 \& \& ${ }^{0} 08 / 25 / 2 / 2043$ \&  <br>
\hline 46644V-AG-1 \&  \& \& -03/26/2018 \& PRIMCIPAL ReCEIPT \& \& -130,632 \& \& 132,754 \& ${ }^{5}$ \& \& (1,454) \& \& $0 \quad-\quad(1,454)$ \& \& 130,632 \& \& \& \& \& 066/25/2045 \& 17 l <br>
\hline - $466441-B /-4$ \&  \& \& . $033 / 26 / 2018$ \& PPINCCPAL LeCEPT \& \& \% 51.602 \&  \& - 51, 51.78 \& 51,201

89397 \& \& \& \& \& \& | 51,602 |
| :--- |
| 88,39 |
| 890 | \& \& \& \& ${ }^{121}$ \& 06/25/2045. \& <br>

\hline -46645G-AC-2 \&  \& \& - $0.03 / 26 / 2018$ \& PPINCCPAL LEEEEPT \& \& 88, 319

178,550 \& $$
\begin{array}{r}
88,319 \\
.178,550
\end{array}
$$ \& \[

$$
\begin{array}{r}
899465 \\
-\quad 88,810
\end{array}
$$
\] \& 89,307

188,704 \& \& (2, 1574) \& \&  \& \& $\begin{array}{r}88,39 \\ 178,550 \\ \hline\end{array}$ \& \& \& \& | 274 |
| :--- |
| 541 | \& - $10 / 255 / 2045$ \& $\stackrel{18.1}{ }$ <br>

\hline -46648P-AC-7 \& $\bigcirc \mathrm{P}$ \& \& - $03 / 268 / 2018$ \& Principal Reelip \& \& - ${ }_{\text {258, } 157}$ \& ${ }_{\text {258, }}$ \& 262,69 \& ${ }_{\text {cose }}$ \& \& ( \& \& (14,259) \& \& - ${ }_{\text {258, }}$ \& \& \& \& 509 \& 05/25/2047 \& IFI. <br>
\hline
\end{tabular}

SCHEDULE D - PART 4

| 1 | 2 | For- | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Change In Book/Adjusted Carrying Value |  |  |  |  | 16 | 17 | 18 | 19 | 20 | 21 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | 11 | 12 | 13 | 14 <br> Total | $\begin{gathered} 15 \\ \text { Total } \end{gathered}$ |  |  |  |  |  |  | NAIC Designation |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Change in Book/ | Foreign Exchange | Book/ |  |  |  | Bond |  |  |
|  |  |  |  |  |  |  |  |  | Prior Year |  | Current | Other Than | Adjusted | Change in | Adjusted | Foreign |  |  | Interest/ | Stated | or |
| CUSIP |  |  |  |  | Number of |  |  |  | Book/ Adjusted | Unrealized Valuation | Year's (Amor- | Temporary Impairment | Carrying Value | Book <br> Adjusted | Carrying <br> Value at | $\underset{\text { Gain }}{\text { Exchange }}$ | Realized Gain | Total Gain | Stock Dividends | Contractual | Market <br> In- |
| Ident- |  |  | Disposal | Name | Shares of | Consid- |  | Actual | Carrying | Increase/ | tization)/ | Recog- | (11+12- | Carrying | Disposal | (Loss) on | (Loss) on | (Loss) on | Received | Maturity | dicator |
| ification | Description | eign | Date | of Purchaser | Stock | eration | Par Value | Cost | Value | (Decrease) | Accretion | nized | (13) | Value | Date | Disposal | Disposal | Disposal | DuringYear | Date | (a) |
|  |  |  | .03/26/2018 | PRINCCIPL RECEIPT |  |  | 855405 <br> 907158 | 87,487 926080 | 97, 292 92888 |  |  |  | (10, |  |  |  |  |  |  | .055/5/2047 |  |
| ${ }^{-466473-A E A E-0}$ |  |  | . $03 / 22 / 2018$ <br> 0.021212018 | TEINCIPAL RECEIPT |  |  | ${ }_{\text {3,945 }}^{\text {, } 9000}$ |  | 4, ${ }_{4}^{9264,6,088}$ |  | (19,530) $(10,687)$ |  | $\left(\begin{array}{l}(19,509 \\ (10,967)\end{array}\right.$ |  |  |  |  |  |  | ${ }_{\text {a }}^{\text {a }}$ |  |
| -69430-60N-1 | PACIFIC GAS + ELECTRIC CO |  | -02/21/2018. | Colleo |  | - 4 , 570,829 | ${ }^{\circ} \mathrm{F} 5550,000$ | - ¢, 6 684, 504 | 4, $9.564,559$ |  |  |  | ${ }^{(12,253)}$ |  | ${ }^{\text {4, }}$-562,036 |  | - | -8, | ${ }_{\text {115,503 }}$ | -10/15/2018. | 172 |
| .817451-AA-9 | SENOOIA MTG TRUST SER 2013-2 $\alpha$ A |  | .03/26/2018. | PPIMCIPAL REEEPT |  | 124,615 | . 124,615 | $\cdots$ | .117,061 |  | 7,554 |  | 7,554 |  | ${ }^{124,615}$ |  |  |  |  | .02/25/2043 |  |
|  |  |  | - $033 / 26 / 2018$ | PRIICIPAL AEEEIPT |  | 223,925 55 56565 | $\begin{array}{r}\text { 223,925 } \\ \hline \text { 55,465 } \\ \hline\end{array}$ | $\begin{array}{r}29.978 \\ \hline \quad 56.380 \\ \hline\end{array}$ | $\begin{array}{r}228,882 \\ \hline 56.217 \\ \hline\end{array}$ |  |  |  | (4, 7 (172) |  | $\begin{array}{r}\text { 223,925 } \\ \hline 55.465 \\ \hline\end{array}$ |  |  |  | 597 <br>  <br> 169 | ${ }^{111 / 2 / 2 / 2044}$ | 1FW. |
|  |  |  | - 03326212018 |  |  | ${ }_{\text {252, }}^{\text {25, }}$ | ${ }^{-1.552,083}$ | $\underline{\square}$ | $\square \quad \begin{array}{r}\text { - } \\ -\quad .257,010 \\ \hline\end{array}$ |  |  |  | (4, 1 ,27) |  | [55,465 $-\quad .25,083$ |  |  |  | 169 <br> 842 <br> 1 | . $108 / 25 / 22046$ |  |
|  | SEEUOIA ATG TRUST SER 2018-2 CL 44 |  | . $03 / 26 / 2018$. | PPIMCIPAL REEEPPT |  | ${ }^{237} 7465$ | . 237,465 | 240,433 |  |  | (2, 968) |  | (2,968) |  |  |  |  |  | 377 | .02/25/2048 | 1 1FE |
| 817766-AA-4 | SEENOOIA ITG TRUST SR 2017-3 CL A1. |  | .03/26/2018 | PRINCIPAL REEEIPT |  | 250,376 | 250,376 | 248,772 | 250,376 |  |  |  |  |  | 250,376 |  |  |  | 736 | .04/25/2047 | 1FU. |
| 3899999. | Subtotal - Bonds - Industrial and Misc | llaneo | us (Unaffili | lated) |  | 18,70,882 | 18,389,215 | 19,120,889 | 18,450,729 |  | (42,655) |  | (42, 655) |  | 18,648,495 |  | 142,389 | 142,3 | 389,558 | XXX | XXX |
| 8399997. | Total - Bonds - Part 4 |  |  |  |  | ${ }^{581,932,156}$ | 546, 287,240 | ${ }_{593,350,864}$ | $432,799,308$ |  | (634, 202) |  | (634,202) |  | 575,080,646 |  | 6,851,510 | ${ }_{6,861,510}$ | 6,801,933 | XxX | Xxx |
| 8399998. | Total - Bonds - Part 5 |  |  |  |  | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX |
| 8399999. | Total - Bonds |  |  |  |  | 581,932, 156 | 546, 287, 240 | 593, 35, ,864 | 432,79, 308 |  | (634,202) |  | (634,202) |  | 575,080,646 |  | 6,851,510 | 6,851,510 | 6,801,933 | XXX | XXX |
| 8999997. | Total - Preferred Stocks - Part 4 |  |  |  |  |  | XXX |  |  |  |  |  |  |  |  |  |  |  |  | XXX | XXX |
| 8999998. | Total - Preferred Stocks - Part 5 |  |  |  |  | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX |
| 8999999. | Total - Preferred Stocks |  |  |  |  |  | XXX |  |  |  |  |  |  |  |  |  |  |  |  | XXX | XXX |
| .88579-10-1 | $3{ }^{3}$ Cownany. |  | .01/02/2018 | EVIVCORE ISI | 4,225.000 | .990,541 |  | 39,217 | 994,438 | -.. ${ }^{(955,221)}$ |  |  | -(955, 221) |  | 39,217 |  | 951,324 | 951, |  |  |  |
| .00824-10-0 | abbott laboattones |  | .01/02/2018 | ${ }_{\text {San }}^{\text {sanford C. Bernstein \& }}$ | 46,756.000 | 2,74, 488 |  | 1,579,258 | 2,668,365 | .. $(1,089,107)$ |  |  | . $(1,089,107)$ |  | -1,579, 258 |  | -1,169,230 | -1,169,230 |  |  |  |
| .00287-10-9 | abblie Inc |  | .01/02/2018 | ${ }_{\text {Sol }}$ Santord C. Bernstein \& | 16,624.000 | $1.635,847$ |  | 356.117 | 1.607 .707 | (1,251.591) |  |  | (1,251,591) |  | 356.117 |  | $1.279,730$ | 1.279 .730 |  |  | L |
| 004239-10-9 | ACADIA AEALY TVUST |  | 03/22/2018 | Sanford c. Bernstein \& | 970.000 | ,300, 024 |  | 2.347421 |  |  |  |  |  |  | 2347421 |  | (47297) | 97 |  |  |  |
|  |  |  | 010212018 | Sanford C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .008222-10-8 | AFFLIATED UIANGGERS Grolp inc |  | -01/222018 - | Santord C. Bernstein \& | 11,000.000 | -2,232,417 |  | 1,505, 133 | -2,257,50 | -.(52, 677) |  |  | (152,617) |  | 1,505, 133 |  | 727,284 | 727,284 |  |  |  |
| .60177J-10-8 | allergan Inc | . | 01/02/2018 | co. | 2,366.000 | 402,956 |  | . 527,736 | 387,030 | .$^{-140,706}$ |  |  | 140,706 |  | ...527,736 |  | .. ${ }^{(124,780)}$ | ... 124,780$)$ |  |  |  |
| . 118581 1-10-8 | alliance data systens corpoation. |  | .01/02/2018 | , | 11,077.000 | . 2,828,170 |  | 2,315,570 | 2,807,798 | .. $(492,228)$ |  |  | ( 4982,288$)$ |  | 2,315,50 |  | 512,600 | .-.512,600 |  |  |  |
| .02079\%-10-7 | Alphabet inc al C |  | 01102/2018 | ford C. Bernstein \& | 4,307.000 | 4,568,828 |  | 3,237,220 | 4,506,845 | (1,269,625) |  |  | (1, 269, 225 |  | 3,237,220 |  | 1.349 .607 | 1.349 .607 |  |  |  |
| . $02581610-10-9$ | alealcan Expess co |  | 01/02/2018 | Sanford C. Bernstein \& | 30,659.000 | .3,03, 178 |  | 2.270 .525 | 3,044,75 | (774, 220) |  |  | (774,20) |  | 525 |  | 762,653 |  |  |  |  |
| .031100-10-0 | aletek inc |  | .01/02/2018 | ${ }_{\text {a }}^{\text {Sanford C. Bernstein \& }}$ | 628.000 | 263,9 |  | 247,066 | 21 |  |  |  |  |  | ,066 |  |  |  |  |  |  |
| .031162-10-0 | AIMEN INC |  | .01/02/2018 | Santord C. Bernstein \& |  | ..1,754,865 |  | 496,841 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .032654-10-5 | ANaLOg devices Inc |  | .01/02/2018 | Sanford C. Bernstein \& |  | 1.366,281 |  | 444.006 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Sanford C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .037888-10-1 | APAATUENT INUESTUENT AND MGMT CO | $\cdots$ | 03/01/2018 01/02/2018 | Co. | $\begin{aligned} & 60,259.000 \\ & 34,205.000 \end{aligned}$ |  |  | $\begin{array}{r} 2,521,237 \\ -\quad . \quad 2,234,404 \end{array}$ | $2,63,291$ $-\quad 5,78,512$ | $\begin{gathered} 22,898 \\ (3,554,108) \end{gathered}$ |  | ${ }^{133,583}$ | $\begin{array}{r} \ldots(112,685) \\ \ldots(3,554,108) \end{array}$ |  | $\begin{array}{r}. \\ \text { 2,521,237 } \\ \hline\end{array}$ ..2,234,40 |  | $\begin{array}{r} \ldots . . .(199,318) \\ \ldots, 656,245 \end{array}$ | $\begin{gathered} . . .(199,318) \\ \ldots-.656,245 \end{gathered}$ | 22,998 |  | L |
|  |  |  |  | Saniord C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -00206F-10-2 |  |  | 01/02/2018 | WILLIAM BLAIR \& Co | $\begin{array}{r}\text { 42, } \\ 42,761.000 \\ \hline\end{array}$ | $-1,12462020$ |  | 1,483,379 | 1,662,548 |  |  |  | (1791,72 $(179,169)$ |  | 1,483,779 |  | 162,881 | .162,881 |  |  |  |
| .05722-10-0 | baker hogies inc a |  | .01/02/2018 |  | 14,253.000 | 459,292 |  | 423,742 | 450,965 | (27,223) |  |  | (27, 223) |  | 423,742 |  | 35,551 | .35,51 |  |  |  |
| .064058-10-0 | BANK OF NEI YOOK NELLON CORP |  | .01102/2018 | d. Bernstein | 7,958.000 | 428,250 |  | 204,244 | 228,618 | (224,374) |  |  | (224,34) |  | 204,244 |  | 224,06 | 224,006 |  |  | L |
|  | bbet copporation |  |  | Sanford c. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .075887-10-9 | BECTON DICXI ISON ANO Co. | - | -01/16/2018. | ERaCTIONCL SHARES | $\begin{array}{r} 7,129.000 \\ -0.0292 \end{array}$ |  |  |  | ${ }^{-\quad-\quad 354,454}=$ | ... (14) |  |  | $\cdots$ |  | ${ }^{228,30}$ |  | 127,46 <br> -18 <br> 18 | $\cdots$ |  |  |  |
| .090622-10-3 | biogen loec inc |  |  | ${ }_{\text {coin }}^{\text {Sanford C. Bernstein \& }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .09702-10-5 | boeing co .... |  | .01/02/2018. | Evercore ISI | 11,706.000 | 3,465,352 |  | 1,864,197 | 3,452,216 | (1, $1,58,009)$ |  |  | (1,588,019) |  | 1,864,197 |  | 1,601,155 | 1,601,155 |  |  |  |

## STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY <br> SCHEDULE D - PART 4

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  | ange In Boo | k/Adjusted | Carrying Valu |  | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CUSIP Identification | Description | $\begin{array}{\|l\|} \hline \text { For- } \\ \text { eign } \\ \hline \end{array}$ | $\begin{gathered} \text { Disposal } \\ \hline \text { ate } \end{gathered}$ | $\begin{gathered} \text { Name } \\ \text { of Purchaser } \end{gathered}$ | Number of Shares of Stock | Consideration | Par Value | $\begin{aligned} & \text { Actual } \\ & \text { Cost } \end{aligned}$ | Prior Year Book/ Adjusted Carrying Value | 11 <br>  <br>  <br>  <br> Unrealized <br> Valuation <br> Increase/ <br> (Decrease) |  |  | 14  <br> Total  <br> Change in  <br> Bookl  <br> Adjusted  <br> Carrying  <br> Value  <br> $(11+12-$  <br> (13)  |  | Book/ Adjusted Carrying Value at Disposal Date | Foreign Exchange Gain (Loss) on Disposa | $\begin{aligned} & \text { Realized } \\ & \text { Gain } \\ & \text { (Loss) on } \\ & \text { Disposal } \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { Total Gain } \\ \text { (Loss) on } \\ \text { Disposal } \end{array}$ | Bond Interest/ Stock Dividends Received DuringYear | Stated Contractual Maturity Date | NAIC Desigor Market Indicator (a) |
|  |  |  |  | Santord C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .0985 | booking hadings inc |  | -01/0220018 | ${ }_{\text {Santord }} \mathrm{C}$. Bernstein \& | 795.000 | $\ldots$ |  |  | $\ldots$ | ...533, 183) |  |  | . $(533,183)$ |  |  |  | .570,519 | .570,519 |  |  |  |
| .105368-20-3 | bbanownine rehly trust |  | .0201/2018 |  | .156,704.000 | - 2,788,871 |  | 2,680,516 | -2,850,46 | ...(169,930) |  |  | (169,930) |  | . 2,680,516 |  | 108,355 | 108,355 | 28,207 |  |  |
| .10122-10-8 | BRISTOL-INERS SOUIBE COUPANY |  | .01/02/2018 | Santord C. Bernstein \& | 34,438.000 | - 2,111, 173 |  | 26,304 | ...,10,361 | . $\mathrm{l}_{2,084,057)}$ |  |  | (2, 284,057$)$ |  | 26,304 |  | 2,084,869 | 2,084,869 |  |  |  |
| .11120-10-5 | brixior Properaty cruop ino |  | 02/01/2018 | So..... Bernstein $\downarrow$ | 126,458.000 | - 2,046,875 |  | 2,285,096 | 2,359,706 | - . $\quad(74,610$ |  |  | (74,610) |  | 2,285,096 |  | ...(238,222) | -... (238, 222) | 34,776 |  | L |
| - $\mathbf{0} 98827-10-9$ | Broadcam LTo | D. | .01022018 | Santord $C$. Bernstein \& | 17,945.000 | 4,791, 294 |  | 3,327,087 | 4,610,071 | -(1,282,983) |  |  | ( 1 (1282, 983) |  | 3,327,087 |  | -1,464,207 | - 1,464,207 |  |  |  |
| 14912Y-20-2 | Catachanat timeer trust inc |  | .01/02/2018 | nstein \& | 39,649.000 | 519,778 |  | .363,432 | 520,591 | (157, 159) |  |  | (157, 159) |  | 363,432 |  | 156,346 | .156, 346 |  |  | - |
| 12504-10-9 | CBBE GPOPP INC |  | .010222018 | antord C. Bernstein \& | 9,248.000 | 405,192 |  | . 333,730 | .400,531 | (66,801) |  |  | (66, 801) |  | 333,730 |  | 71,462 | .71,462 |  |  |  |
| -12514G-10-8 | coul Conporation |  | .01/02/2018 | Santord c. Bernstein \& | . $51,409.000$ | - . $3.588,312$ |  | - 2,130,994 | - 3,572,411 | (11,441,48) |  |  | (1,44,418) |  | 2,130,994 |  | - 1,451,319 | -1,45,319 |  |  |  |
| .151020-10-4 | celegie corp |  | .01/02/2018 | Santorac. Bernster | .12,355.000 | - 1,311,515 |  | 1,245,755 | 1,289,368 | (43,613) |  |  | . 43,613$)$ |  | ${ }_{1}^{1,245,755}$ |  | 65,760 | 65,760 |  |  |  |
| .156782-10-4 | CEANER COPPOAATION. |  | .01/02/2018 |  | .15,369.000 | - $\sim_{-1,053,751}$ |  | .204,901 | - 1, 1035,717 | . 1830,815 |  |  | (1830,815) |  | 204,901 |  | .848,850 | 848,850 |  |  |  |
| 161199-10-8 | charter commencations inc |  | .01/02/2018 | ord. Bernstein \& | 1,977.000 | 689,888 |  | 13,871 | 664,193 | (650, 322) |  |  | (650,322) |  | 13,871 |  | 676.017 | 676.017 |  |  |  |
|  | CIEVIVON COPPOPATION |  | 01022018 | ${ }_{\text {a }}$ CPPITAL ONE SEURITIE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -172758-10-2 | CIISCO SYSTEVIS INC |  | 01/02/2018 | EVERCOOE ISI | 20,305000 158, 10.3000 | $\begin{array}{r} 2,588,824 \\ -\cdots,-\quad .-\quad 6,120,658 \end{array}$ |  | $\begin{array}{r} 2,350,322 \\ -\quad . \quad 2,79,374 \end{array}$ | $-\quad . \quad 2,541,983$ | $(3,335,971)$ |  |  | $\begin{array}{r} \ldots(191,651) \\ \ldots(3,335,971) \end{array}$ |  | $\begin{array}{r} \quad 2,350,332 \\ -\quad, 719,374 \end{array}$ |  | 3,401,285 | - $\quad$ 3,401,285 |  |  |  |
| .172967-42-4 | Citigafur Inc nel yoor nv |  | .01/02/2018 | Santord C. Bernstein \& | 22,623.000 | 1.-1,682,04 |  | 1,023,988 | - $\quad 1.1688,377$ | [...659,389) |  |  | (659, 389) |  | 1,023,988 |  | .658,106 | 658, 106 |  |  |  |
| 191216-10-0 | COCA-COA co |  | .01/02/2018 | Co.......estera | .31,650.000 | 1,441,149 |  | 622,081 | 1,455, 102 | (880,021) |  |  | (880,021) |  | 622,081 |  | 819,069 | 819,069 |  |  | L |
| 192446-10-2 | coonlizat temmologr sautions. |  | .01/02/2018 |  | 58,461.000 | 4, 17, 420 |  | 2,801,270 | 4. 4151,900 | ( $1,350,630)$ |  |  | (1,350,630) |  | 2,801,270 |  | 1.346 .150 | $1.346,150$ |  |  |  |
| 20030N-10-1 | cancast conporation CL A |  | .01/02/2018 | sanford c. Bernstein \& | 39,402.000 | 1,618,006 |  | . 313,532 | 1,578,050 | $\ldots$ |  |  | $\ldots$ |  | 313,532 |  | 474 | 1304.474 |  |  |  |
|  |  |  |  | ord $c$. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $206055-10-1$ | Comato feesurees inc |  | 03/07/2018 | WiLLİAAM BLAIR \& Co | $7,006.000$ |  |  |  |  | $\begin{gathered} -(124,300) \\ -(106,973) \end{gathered}$ |  |  | $-\quad(124,300)-$ |  | $\begin{gathered} .103,189 \\ . .945,468 \end{gathered}$ |  | $\begin{array}{r} 123,39 \\ -\quad 111,997 \end{array}$ |  |  |  |  |
| 20825-10-4 | Conocoprllups |  | .01/02/2018 | Santord C. Bernstein 8 | 19,607.000 | - 1,084,536 |  | ..900,343 | - 1076,228 | . $(175,885)$ |  |  | ( 175,885 |  | 900,343 |  | 184.193 | 184,193 |  |  |  |
| 209115-10-4 | consol loateo eilisov inc |  | 01/02/2018 | Siord C. Bernstein \& |  |  |  |  |  |  |  |  | (36. 337 |  |  |  |  |  |  |  |  |
| 22160k-10-5 | Costco HHOLESALE COPP. | - | .03/22/2018 | COOE ISI | 4,609.000 | 848, 242 |  | 142,099 | .857,827 | $(715,728)$ |  |  | (715,78) |  | 142,099 |  | 706, 143 | -706, 143 | 2,305 |  |  |
| .22070-20-3 | coty Inc al a |  | .01022018 | \% | 22,213.000 | .441,473 |  | ...164,165 | . 441,817 | (277,651) |  |  | (277,651) |  | 164,465 |  | 277.308 | 277.308 |  |  | L |
| 22822V-10-1 | croun Caste InL coop |  | .01/02/2018 | rd. Cernstein \& | ${ }^{1,847.000}$ | ..201, 180 |  | -..197,535 | $\ldots$ | - .-..(7,501) |  |  | -(7,501) |  | 197.535 |  |  |  |  |  |  |
| 122650-10-4 | CSPA INC |  | .01/02/2018 | Sanford C. Bernstein \& Co.... | 6,744.000 | 205,249 |  | 63,028 | 200,780 | (138,753) |  |  | (138,753) |  |  |  |  |  |  |  |  |
| 126408-10-3 |  |  | .01/02/2018 | Santord c. Bernstein \& |  |  |  |  |  |  |  |  | (314, 107 |  |  |  |  |  |  |  |  |
| 231021-10-6 | Cumm INS Inc | $\square$ | .01/022018 | Evercare ISI | 11,955.000 | 2,115,095 |  | 1,894 | . $2,111,731$ | (2, |  |  | (193) |  | 1,894,398 |  | 220,697 | 220,697 |  |  |  |
| -126650-10-0 | Cvs Cafeluak coap |  | .010222018 | Ird. Cernstein \& | 8,258.000 | 607,073 |  | 80,565 | .598,705 | (518, 40) |  |  | (518, 140) |  | 80,565 |  | 526,508 | 526.508 |  |  | L |
| 23331-10-9 | D R hotron Inc |  | .01/02/2018 | ${ }^{\text {Sanford C. Bernstein \& }}$ Co. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L |
| 233153-20-4 | OCT INUSTRIAL TIRSST INC |  | .03/16/2018 | EVERCORE ISI | -61,555.000 | 3,534,507 |  | 2,876,594 | ${ }_{3}^{3,615,2654}$ | (738,670) |  |  | (738, 670) |  | 2,876,594 |  | 657,909 | ${ }_{657.913}$ | 22,142 |  | L |
| -24703L-10-3 | DELL TEMMOLOGES INC CL V |  | .03/07/2018 | Evercoie 1 IS | 17,502.000 | 1,340,606 |  | 822,094 | 1,422,563 | (590,468) |  |  | (596,46) |  | 826,094 |  | 514,512 | 514,512 |  |  |  |
| 25179M-10-3 | Devon elergy corpoation |  | .01022018 | co. | 18,22.000 | 769,406 |  | 715,90 | 754,391 | (38,401) |  |  | ( 38,401 ) |  | 715,990 |  | 53,417 | 53,417 |  |  | L. |

# STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY 

SCHEDULE D - PART 4
Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  | ange In Boo | k/Adjusted C | Carying Val |  | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CUSIP <br> Identification | Description | $\begin{array}{\|l\|l\|} \text { For- } \\ \text { eign } \end{array}$ | $\begin{gathered} \text { Disposal } \\ \text { Date } \\ \hline \end{gathered}$ | Name of Purchaser | Number of Shares of Stock | Consideration | Par Value | $\begin{gathered} \text { Actual } \\ \text { Cost } \\ \hline \end{gathered}$ | Prior Year Book/ Adjusted Carrying Value | 11 <br>  <br>  <br>  <br> Unrealized <br> Valuation <br> Increase/ <br> (Decrease) |  | 13 <br> Current <br> Year's <br> Other Than <br> Temporary <br> Impairment <br> Recog- <br> nized | 14 <br> Total <br> Change in <br> Bookl <br> Adjusted <br> Caryying <br> Value <br> $(11+12-$ <br> $13)$ |  | Book/ Adjusted Carrying Value at Disposal Date | Foreign Exchange Gain (Loss) on Disposal | $\begin{aligned} & \text { Realized } \\ & \text { Gain } \\ & \text { (Loss) on } \\ & \text { Disposal } \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { Total Gain } \\ \text { (Loss) on } \\ \text { Disposal } \\ \hline \end{array}$ | Bond Interest/ Stock Dividends Received DuringYear | Stated Contractual Maturity Date | NAIC Desigor Market Indicator (a) |
|  |  |  |  | Sanford C. Bersstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2868-10-3 | Oigital realit trus |  | .01/02/201 | Santord C. Bernstein \& | 12,159.000 | $\ldots, 369,740$ |  | -1,483,190 | ..1,384,90 | 98, 280 |  |  |  |  |  |  |  |  |  |  |  |
| . $254709-10-8$ | Oiscover financial services |  | .010202008 |  | 19,313.000 | -1,485,232 |  | 1,314,095 | $\ldots$ | . 1771,461$)$ |  |  | $(171,461)$ |  | 1,314,095 |  | .171, 137 | 171, 137 |  |  |  |
| .254687-10-6 | DISNEY MILLT Co |  | .0102020018 | ${ }_{\text {Santar }}^{\text {Santord }}$ | 8,641.000 | .965,998 |  | ..160,685 | . 928,994 | . 7688,309 |  |  | $(768,309)$ |  | -.160,685 |  | 805,314 | 805,314 | 6,213 |  | - |
| .25667-10-5 | Dollar geekral Copp |  | .01022/2018 | Sanford C. Bernstein \& | 14,977.000 | - 1, 1,408,629 |  | . 1,098,021 | - 1,393,011 | . 294,990$)$ |  |  | (294,90) |  | . 1,098,021 |  | .310,608 | - 3 310,608 |  |  |  |
| 25960-10-9 | OUCLAS EMETT INC |  | .03/20/2018 |  | 128,543.000 |  |  | . $5,143,315$ | . 2,611,293 |  |  |  | (13,082) |  | . 5, 48, 315 |  |  |  |  |  | L. |
| 26638E-10-9 | OP PEPPER SIMPPLE GFAOP INC |  | .03/22/2018. | Evercane Is | ${ }_{8,103.000}$ | --966,481 |  | ---761, 7135 | ---7. ${ }^{11,951}$ | - - - 116,616) |  |  | - - (16,616) |  | $\stackrel{-761,135}{ }$ |  | $\cdots$ | - - 190537 | 4,700 |  |  |
| .26441c-20-4 | OUKE ENergar coppoation |  | .01102/2018 |  | 4,962.000 | 412,953 |  | 375, 162 | 417,354 | (42, 192) |  |  | (42, 192) |  | 375,162 |  | 37,791 | 37,791 |  |  |  |
| 23355-10-6 | OXC TECHOLOOY co |  | .01/02/2018 | . a c. Bernstein 8 | 22,799.00 | 2,166,881 |  | 1,932, 111 | 2,163,625 | (231,514) |  |  | $(231,514)$ |  | 1,932,111 |  | 234,770 | 234,70 | 3,264 |  | L |
| .629183-10-3 | eaton conp plo | -. | 01/02/2018 | So. Sarford. Bernstein \& | 2,928.000 | - $\quad$ - 230,882 |  | -.152,736 | .231,341 | ( 78,605 ) |  |  | (78,605) |  | 152,736 |  | 78,46 | 78.146 |  |  |  |
| 278642-10-3 | Ebay inc |  | 01/02/2018 | Sanford. C. Bernstein \& | . 7.889 .000 | - 300,209 |  | $\ldots . .71,566$ | . $\mathrm{C}_{297,731}$ | ( 226,165$)$ |  |  | $(226,165)$ |  | - 71.566 |  | 228,643 | 228,643 |  |  |  |
| .291011-10-4 | EIIESSON ELECTRIC 00 |  | 01/02/2018 | ${ }_{\text {cose }}^{\text {Sanford C. Bernstein \& }}$ | 4,588.000 | 324,171 |  | -232,266 | $\ldots 319,389$ |  |  |  | (87, 123) |  | 232,266 |  | 91.905 | 91.005 |  |  |  |
| 26875P-10-1 | eoog resuraces inc |  | 01/02/2018 | Inc 1 a | 14,029.000 | 1,531,944 |  | 1,120,472 | 1.513,869 | (398, 397) |  |  | (393, 397) |  | 1,120,472 |  | 411.472 | 411.472 |  |  |  |
| 29441-70-0 | ECUINIX IN |  | 102018 | Santord C. Bernstein |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Santord C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29476L-10-7 | EQUITY RESIOEE |  | 01/02/2018 |  | 20.00 | 203,8 |  | 217,153 | 204,70 | - 12,451 |  |  | 12,451 |  | 217, 153 |  | ${ }^{13,306)}$ | (13,306) |  |  |  |
| .297178-10-5 | ESSEX PRopegry frust |  | .01/02/2018 | Sanford C. Bernste | 926.000 | 222,304 |  | .246, 105 | 223,509 | 22,596 |  |  | 22,596 |  | 246,105 |  | (23,800) | (23,80) |  |  | - |
| .30225T-10-2 | ExTra Space stoage Inc |  | 01/02/2018 . | Sam | 2,245.000 | -192,336 |  | .182,478 | . 196,325 | ..(13,847) |  |  | (13,847) |  | 182,478 |  | 9,858 | - 9.988 |  |  | - |
| .302316-10-2 | EXXON NOBIL COPPOPATION. |  | .01/02/2018 | Sanford c. Bernstein \& | 51,39,000 | 4,36, 297 |  | 4,347.026 | 4.222, 321 | 54,704 |  |  | 54,704 |  | 4,347,026 |  | 16.272 | 16.272 |  |  | L |
| .315616-10-2 | F5 netrorks Inc |  | 01/02/2018 |  <br> Co. | 3.937.000 | 521.936 |  | 388,156 | 516.613 | (133,457) |  |  | (133,457) |  | , 156 |  |  | . 79 |  |  |  |
| . 31428 -10-6 | FEDEX Compoation |  | .010202018 | Santord C. Bernstein \& Co. |  |  |  |  | 56, 461 | . $(399,327)$ |  |  |  |  |  |  |  |  |  |  |  |
| .30245-10-1 | FLIR SISTELIS IIC. |  | .01/31/2018. | EVEECOOE ISI | 24,220.000 | 1,240,096 |  | 1,137,659 |  |  |  |  |  |  | 1,137,659 |  | 102,436 | 102,436 |  |  |  |
| .302491-30-3 | FIIC COPP |  | .01/02/2018 | ${ }_{\text {Con }}^{\text {Santord } C \text {. Bernstein \& }}$ |  |  |  |  |  | (328,594) |  |  | (328,594) |  | 212,956 |  | 334,674 | 334,674 | 944 |  | L |
| .369550-10-8 | GENEPAL DMAAMICS COAP | $\cdots$ | 010202018 | EVIRCORE ISI | 7,205.000 | 1,448,538 |  | 963,921 | 1,465,857 | - - (501, 936) |  |  | ( 501,936$)$ |  | 963, 921 |  | 484,617 | 484,617 |  |  |  |
| . $370334-10-4$ | Geveral mils inc |  | 01/02/2018 | santoral. Bernstein a | .7,800.000 | 460,462 |  | .106,483 | .462,462 | . 355,979 |  |  | (355,979) |  | 106,483 |  | 353,979 | 353,979 |  |  | L |
| .36774x-10-1 | GGP Inc |  | .01/02/2018 | Sanford C. Bernstein \& | 8,394.000 | 199,27 |  | .179, 196 | -.196,336 | (17, 140) |  |  | (17, 140) |  | 179,196 |  | 20.031 | 20,031 |  |  |  |
| .375558-10-3 | gilead sclences inc |  | 01/02/2018 | ${ }_{\text {cose }}^{\text {Sanford C. Bernstein \& }}$ | 30,77.000 | 2,280,073 |  | 536,903 | 2,204,578 | . $(1,667,675)$ |  |  | (1,667,675) |  | 536,003 |  | 1,743,170 | 1.743,170 |  |  |  |
| .381419-10-4 | calduan sachis graup inc |  | 01102/2018 | ${ }_{\text {Sol }}^{\text {Santord C. Bernstein \& }}$ Col | 3,102.000 | 793,055 |  | 280,514 | .790,266 | [..(509,752) |  |  | (509, 752 |  | 280,514 |  | 512.541 |  |  |  |  |
| 13875-10-5 |  |  |  | Santord c. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .23345-10-1 | HELIERICH P PAME IIC |  | .01/31/2018. | Jefreries a colipany | 6,787.000 | 490,926 |  | 305,703 | 433,712 | (133, 009) |  |  | (133, 009) |  | 305,703 |  | 65, 635 185,24 |  |  |  |  |
| 437076-10-2 | HOIE DPPOT INC. |  | .0112022018 |  | .13,402.000 | - $2,599,384$ |  | .336,256 | - 2,540,081 | $\square(2,203885$ |  |  | - (2,203,825) |  | .336,256 |  | - ${ }^{2,183,128}$ | 2,183, 128 |  |  |  |
| - $438516-10-6$ | HONEVVELL INTEENAT IONLL INC |  | -01702/2018 | EVECOOEE 191 | rer 24,990.000 37.776000 | $\begin{array}{r}\text { - } 3,830,194 \\ \hline 1.028,843 \\ \hline\end{array}$ |  | - ${ }^{2,-941,786}$ | $\begin{array}{r}\text { a } \\ \hline \text { 3,832,466 } \\ \hline 1.050 .173 \\ \hline\end{array}$ | $\underset{(1825,088)}{ }$ |  |  |  |  | 2,941,786 |  | 888,408 $-\quad 403709$ | $\begin{array}{r}888,408 \\ \hline 80,709\end{array}$ |  |  |  |
| .440007-10-4 | HoiloN Bancoap |  | .01/2022018 | JEFFRES \& Colupay | 37,776.000 |  |  | - ${ }^{-6.625,135}$ |  |  |  |  |  |  | 625,135 |  |  |  |  |  |  |

# STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY 

SCHEDULE D - PART 4
Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter


## STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY <br> SCHEDULE D - PART 4

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


# STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY 

SCHEDULE D - PART 4
Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  | ange In Boo | k/Adjusted | Carying Val |  | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CUSIP ification | Description | $\begin{array}{\|l\|} \text { For- } \\ \text { eign } \end{array}$ | $\begin{gathered} \text { Disposal } \\ \text { Date } \\ \hline \end{gathered}$ | Name of Purchaser | Number of Shares of Stock | Consideration | Par Value | $\begin{aligned} & \text { Actual } \\ & \text { Cost } \end{aligned}$ | Prior Year Book/ Adjusted Carrying Value | 11 <br>  <br>  <br>  <br> Unrealized <br> Valuation <br> Increase/ <br> (Decrease) |  |  | 14 <br> Total <br> Change in <br> Bookl <br> Adjusted <br> Caryying <br> Value <br> $(11+12-$ <br> $13)$ |  | Book/ Adjusted Carrying Value at Disposal Date | Foreign Exchange Gain (Loss) on Disposal | $\begin{aligned} & \text { Realized } \\ & \text { Gain } \\ & \text { (Loss) on } \\ & \text { Disposal } \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { Total Gain } \\ \text { (Loss) on } \\ \text { Disposal } \\ \hline \end{array}$ | Bond Interest// Stock Dividends Received DuringYear | Stated Contractual Maturity Date | $\qquad$ |
| 681276-10-0 | SIGIET JEVIILERS LTD | D |  | Sanford C. Bernstein \& | 1.420 .000 | 78.503 |  |  |  | (6,049) |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Sanford C. Bernstein $\&$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 828806-10-9 | SIINON Properaty graup Inc |  | 01/02/2018 |  | 6,887.000 | 1,187,395 |  | 1,000,209 | -1,182,773 | (92,564) |  |  | (92, 564) |  | 1,090,209 |  | 97, 185 | 97,185 |  |  | - |
| .83056-10-5 | SKECHERS USA INC |  | 01/02/2018 | So. Santord. Bernstein \& | 47,83, 000 | 1,839,634 |  | 1,005,928 | .1,80,001 | $(804,073)$ |  |  | (800,073) |  | 1,005,928 |  | 833,706 | 833,706 |  |  | - |
| . $78440 \mathrm{X}-10-1$ | SL OREEV fechit Copp |  | .01/02/2018 | Sanford. C. Berns co. | 3,132.000 | -315, 182 |  | . 309,301 | - 316,113 | (6,812) |  |  | (6.812) |  | 309301 |  |  |  |  |  |  |
| . $833034-10-1$ | SIMP on IIC |  | .01/02/2018 | Santord C. Bernstein \& |  | .151,587 |  | -127,471 |  | (21,005) |  |  | (21,005) |  |  |  |  |  |  |  | L |
| .844741-10-8 | SOUTHEST AITLIIES CO |  | 01/02/2018. | EVEECCOCE ISI | 12,825.000 | - 846,406 |  | - $\quad$ - 695,088 | - - 839,396 | $\cdots$ |  |  | (144, 308$)$ |  | 695, 088 |  | 151,318 | 151,318 |  |  |  |
| .854502-10-1 | STTALEY BLCC \& DECKER IIC |  | .01/02/2018 | EVERCOOE ISI | 8,656.000 | - - 1,461,102 |  | .682,411 | $\cdots \quad 1.1468,837$ | - . $\quad$ (786,425) |  |  | -. 1786,425 ) |  | .682,411 |  | 778,690 | .778,690 |  |  |  |
| . $858119-10-0$ | steel dmamics inc |  | .01/02/2018 |  | 12,254.000 | 549,640 |  | 422,867 | 528,515 | $(85,648)$ |  |  | (85,648) |  | 422,867 |  | 106,774 | 106,774 |  |  | L |
| .871829-10-7 | srsco corp |  | 01/02/2018 | Sortord. C. Bernstein \& | 4.707.000 | 284,743 |  | 163.644 | ${ }^{285,856}$ | (122.212) |  |  | (122, 212) |  | 163.644 |  | 121.09 | 21,099 |  |  |  |
| .74144T-10-8 | T foule price grap inc. |  | .01/02/2018 |  | 10,156.000 | 1,046,006 |  | . 669,546 | 1,065,669 | $(396,123)$ |  |  | $(396,123)$ |  | .669,546 |  | .377,259 | 377, 259 |  |  |  |
| . $87612 \mathrm{E}-10-6$ | TARGET Conpoation. |  | 01/02/2018 | co. | 4.8832.000 | 326,756 |  | - 13, 008 | ..315,288 | . 3022,280$)$ |  |  | . 302,280$)$ |  | -13,008 |  | 313,748 | . 313,748 |  |  |  |
| . $888508-10-4$ | texas intruments inc |  | 01/02/2018 | sanford | 6.472.000 | 683,201 |  | .122,127 | 675,936 | ( 553,809 |  |  | $(553,809)$ |  | 122,127 |  | 561.074 | 561.074 |  |  |  |
|  | THE KRAFT HEINZ CO |  | 221018 | nford C. Bernstei | 16.001 .00 | 1042464 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50054-10-6 | , |  | -05/222013 | Sanford C. Bersstein \& | 10,001.000 | -1,022,604 |  | 1,162,393 | 1,24,238 | (18,84) |  |  | (8,84) |  | 1,102,303 |  |  | (19,22) |  |  |  |
| . $887317-30-3$ | TIME MANEER INC |  | .01/02/2018 |  | 19,937.000 | .1,822,268 |  | .1,028,005 | -1,82,637 | (795, 632) |  |  | (795,632) |  | .1,028,005 |  | 804,263 | 804,263 |  |  | L |
| .90130A-10-1 | Tientr-fingt century fox inc |  | 01/02/2018 |  | 64,046.000 | 2,296,316 |  | 1,571,689 | 2,211,508 | (639,82) |  |  | (639,820) |  | 1,571,689 |  | 724,627 | 724,627 |  |  |  |
| .902994-10-3 | trson fooos inc |  | .01/02/2018 | Sanford C. Bernstein \& | 2,135.000 | - $\quad$ - $\quad 172,109$ |  | 96,006 | -...173,084 | - - . $\mathbf{- 7 7 , 0 9 9}$ ) $^{1}$ |  |  | (177,099) |  | .96,006 |  | 76,103 | 76, 103 |  |  |  |
| 904311-20-6 | UNDER AINOUR INC |  |  | Santord C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .907818-10-8 | UNION PaClific Coip |  | 01/02/2018 | Evercone ISI | $\begin{array}{r} 18,018.000 \\ \ldots, 715,000 \end{array}$ | 1,068,035 |  | -68,444 | --..-1,061,402 | . 992, ,957) |  |  | -(992,957) |  | ${ }^{2068,444}$ |  | 999,591 | 999,591 |  |  |  |
| .913017-10-9 | UNITED TECHNOOOLES COAP |  | 01/02/2018 | co. | . 5.488 .000 | 704,580 |  | ..645,460 | 701,380 | (. 55,920$)$ |  |  | ..(55,920) |  | 645,460 |  | 59, 120 | 59, 120 |  |  | - |
| .91704F-10-4 | ubana Eode Properties |  | .03/21/2018 |  | 115,187.000 | 2,390,462 |  | 2,789,461 | 2.936,117 | $(146,656)$ |  |  | $(146,656)$ |  | 2,789,461 |  | (398,998) | $(398,998)$ | 25,341 |  |  |
| .902973-30-4 | us bancorp |  | 01/02/2018 |  | 49,434.000 | 2,670,610 |  | 1,233,392 | 2,648,674 | (1,415,281) |  |  | (1,45, 281) |  | 1,233,392 |  | -1,437,218 | -1,437,218 |  |  |  |
|  | VAREX IIMAGING COPP |  | 01/02/2018 | Sanford C. Bernstein \& | 2724.000 | 110,006 |  |  | 109.423 |  |  |  | (78,057) |  |  |  |  |  |  |  |  |
|  |  |  |  | Sanford C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .923435-10-2 | verision ino |  | .01/02/2018 |  | 1,098.000 | .120, 190 |  | 26,336 | ...125,655 | (99, 320) |  |  | (.99,320) |  | 26,336 |  | .93,854 | 93,854 |  |  | L. |
| .923433-10-4 | verizon camunicatons |  | 01/02/2018 | Co. Siforal Bersteina | 24,301.000 | 1,300,681 |  | .627,293 | ${ }^{1}, 286,252$ | (658, 959) |  |  | (658,959) |  | 627,293 |  | 67,388 | 673,388 |  |  | L. |
| .92826-83-9 | VISA INC CLASS A AHARES |  | .01/02/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |
| .920042-10-9 | Vorano reali triut ... |  | .01/24/2018 | vabious | 37,22.000 | 2,741,263 |  | 2,822,262 | 2,990,563 | (88,301) |  |  | . 88,3011 |  | 2,822,262 |  | (108,000) | (108,000) |  |  |  |
| .934427-10-8 | walgreen boots all ance inc |  | .01/02/2018 | santorac. Bernstein \& | 6,930.000 | 519,357 |  |  | 503,257 | (263, 191) |  |  | (263, 191) |  | 240,066 |  | 279,291 | 279,291 |  |  | L |
| .931422-10-3 | WALLART INC |  | .01/31/2018 | varios | 57,139.000 | 5,844,985 |  | 268,609 | 5,642,476 | (5, 373, 867) |  |  | (5,37, 867) |  | 268,609 |  | 5,57,376 | 5,576,376 | 29,141 |  |  |
| .94106-10-9 | vaste managieer inc |  | 01/02/2018 | co. | 2,52.000 | 217,127 |  | 86,008 | ..217,649 | $(131,641)$ |  |  | (131,641) |  | .86,008 |  | .131,119 | 131,119 |  |  | L. |
| .92939-10-6 | nee energay group inc |  | 01/02/2018 |  | -. $3,637.000$ | 239, 182 |  | 200,989 | - $\quad$ 241,606 | (40,617) |  |  | $(40,677)$ |  | 200,989 |  | 38,193 | .38,193 |  |  | L |
| .949746-10-1 | wells fabco \& co |  | .01/02/2018. |  | 58,953.000 | 3,601,061 |  | 2,635,147 | 3,576,679 | (941,531) |  |  | (941,531) |  | 2,635,147 |  | 965,914 | 965,914 |  |  | $L$. |

STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE D - PART 4
Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter


Schedule DB - Part A - Section 1 - Options, Caps, Floors, Collars, Swaps and Forwards Open
NONE
Schedule DB - Part B - Section 1 - Futures Contracts Open NONE

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

Schedule DB - Part D - Section 1 - Counterparty Exposure for Derivative Instruments Open NONE

Schedule DB - Part D-Section 2 - Collateral for Derivative Instruments Open - Pledged By NONE

Schedule DB - Part D-Section 2 - Collateral for Derivative Instruments Open - Pledged To NONE

Schedule DL - Part 1 - Reinvested Collateral Assets Owned NONE

Schedule DL - Part 2 - Reinvested Collateral Assets Owned NONE

| Month End Depository Balances |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1Depository | 2 <br> Code |  |  <br> Amount of <br> Interest Received <br> During Current <br> Quarter | 5 <br> Amount of Interest Accrued at Current Statement Date | Book Balance at End of Each Month During Current Quarter |  |  | $9$ |
|  |  |  |  |  | $6$ <br> First Month | $7$ <br> Second Month | $8$ <br> Third Month |  |
| Bank of America ...................... Providence, RI |  |  |  |  | 17,749,896 | 28,499,995 | 20,858,053 | XXX |
| Santander Bank ....................... Providence, RI |  |  |  |  | $(97,936,324)$ | $(89,733,249)$ | $(95,577,218)$ | XXX |
| 0199998. Deposits in ... 73 depositories that do not exceed the allowable limit in any one depository (See instructions) - Open Depositories | XXX | XXX | 21,791 | 46, 196 | 15,027,321 | 15,028,581 | 15,030,610 | XXX |
| 0199999. Totals - Open Depositories | XXX | XXX | 21,791 | 46, 196 | $(65,159,107)$ | $(46,204,673)$ | $(59,688,555)$ | XXX |
| 0299998. Deposits in ... depositories that do not exceed the allowable limit in any one depository (See instructions) - Suspended Depositories | XXX | XXX |  |  |  |  |  | XXX |
| 0299999. Totals - Suspended Depositories | XXX | XXX |  |  |  |  |  | XXX |
| 0399999. Total Cash on Deposit | XXX | XXX | 21,791 | 46,196 | $(65,159,107)$ | $(46,204,673)$ | $(59,688,555)$ | XXX |
| 0499999. Cash in Company's Office | XXX | XXX | XXX | XXX | 15,350 | 15,350 | 15,350 | $X X X$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 0599999. Total - Cash | XXX | XXX | 21,791 | 46,196 | $(65,143,757)$ | $(46,189,323)$ | $(59,673,205)$ | XXX |

STATEMENT AS OF MARCH 31, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE E-PART 2 - CASH EQUIVALENTS

| CUSIP | 2 Description | $\begin{gathered} 3 \\ \text { Code } \end{gathered}$ | 4 Date Acquired | 5 Rate of Interest | 6 Maturity Date | $\stackrel{7}{\text { Book/Adjusted }}$ Carrying Value | $\stackrel{8}{8}$ Due and Accrued | $\begin{gathered} 9 \\ \hline \text { Amount Received } \\ \text { During Year } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0599999. Total - U.S. Government Bonds |  |  |  |  |  |  |  |  |
| 1099999. Total - All Other Government Bonds |  |  |  |  |  |  |  |  |
| 1799999. Total - U.S. States, Territories and Possessions Bonds |  |  |  |  |  |  |  |  |
| 2499999. Total - U.S. Political Subdivisions Bonds3199999. Total - U.S. Special Revenues Bonds |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| $\cdots$ |  |  | ${ }^{\text {and }}$ | 0 | -04406/2018 | $9,984,288$ 61.13171 | $\cdots$ |  |
| $\cdots$ |  |  | - - - 0 03/07/2018 $\ldots$ | $\bigcirc$ | - | $\bigcirc \quad-\quad .0,082,883$ | $\cdots \quad-\quad . \quad 18.16,457$ |  |
|  | CANAO IAN NATTARL REESUREE CP |  | - 03/12/2018 | $\square 0.000$ | - . 04/09/2018 | 9,981,333 | 13,326 |  |
| - |  |  | 03/15/2018 | 0.000 | .04/05/2018 | 9,985,708 | 11,566 |  |
| $\cdots$ | RGV TPAMSEEEP PAATITEPS LP CP |  | ${ }^{03 / 19 / 2018}$ | 0.000 | .04/10/2018 | 9,984,722 | 9,022 |  |
| - |  |  |  |  | +04/11/2018 | $9,984,028$ <br> 9,979 <br> 078 | 9,0.022 |  |
| $\cdots$ | EEERGY TRAMSEES PATITESS LP CP |  | 03/26/2018 …-- | $\bigcirc 0.0 .000$ | - .04/16/2018 | 9,984,542 | 4,412 |  |
| $\cdots$ |  |  | .03/26/2018 - - | 0.000 | .04/20/2018 | 9,981,597 | 4,410 |  |
| $\cdots$ | EOUIFAA INC CP |  | $\cdots$ | $\bigcirc 0.000$ | . $0441212 / 2018$ | 39,923,333 | 49, 429 |  |
| $\cdots$ | Nelelele |  |  | $\begin{array}{r}10.000 \\ \hline 0.000 \\ \hline 0\end{array}$ |  | 9,9,977, 847 |  |  |
| - | NEIELEL AUBEBERMAD |  | -03/26/2018 | -0.000 | .04/25/2018 | 9,977,083 | 4,575 |  |
|  |  |  | - $\begin{array}{r}03 / 2772018 \\ \hline 03 / 27 / 2018\end{array}$ | $\begin{array}{r}0.0000 \\ \hline-.000\end{array}$ | - $\quad 04 / 24862018$ | 9,9770,083 9,961 | ${ }_{\substack{3,812 \\ 3,812}}^{\text {a, }}$ |  |
| 3299999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Issuer Obligations |  |  |  |  |  | 240,790,668 | 242,015 |  |
| 4899999. Total - Hybrid Securities |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 5599999. Total - Parent, Subsidiaries and Affiliates Bonds |  |  |  |  |  |  |  |  |
| 6099999. Subtotal - SVO Identified Funds |  |  |  |  |  |  |  |  |
| 7899999. Total - Residential Mortgage-Backed Securities |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 7999999. Total - Commercial Mortgage-Backed Securities |  |  |  |  |  |  |  |  |
| 8099999. Total - Other Loan-Backed and Structured Securities |  |  |  |  |  |  |  |  |
| 8199999. Total - SVO Identified Funds |  |  |  |  |  |  |  |  |
| 8399999. Total Bonds |  |  |  |  |  | 240,790,668 | 242,015 |  |
| ${ }_{\text {a }}^{26200 x-10-0}$ - | Dotrrus Ins IUTIONLL PREER GOVT |  | .03/23/2018 | ${ }^{0.000}$ | ${ }_{\text {x }}^{\text {xXX }}$ | $7,776,685$ 33 |  | 64,250 |
| 318460-80-7 ....... |  |  | 03/01/2018 | 0.000 | XXX | .33,244 |  |  |
| 8599999. Subtotal - Exempt Money Market Mutual Funds - as Identified by the SVO |  |  |  |  |  | 7,809,929 |  | 164,266 |
|  | $\qquad$ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 8899999 - Total Cash Equivalents |  |  |  |  |  | 248,600,597 | 242,015 | 164,266 |


[^0]:    Note: Supplemental disclosures of cash flow information for non-cash transactions:

