PROPERTY AND CASUALTY COMPANIES - ASSOCIATION EDITION
QUARTERLY STATEMENT
AS OF SEPTEMBER 30, 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
14th $\quad$ November, 2018

## Ann Marie Octeau

Notary Public
June 8, 2022

ASSETS


LIABILITIES, SURPLUS AND OTHER FUNDS


|  | 1 Current Year to Date | $\begin{gathered} 2 \\ \begin{array}{c} 2 \\ \text { Prior Year } \\ \text { to Date } \end{array} \end{gathered}$ | 3 Prior Year Ended December 31 |
| :---: | :---: | :---: | :---: |
| UNDERWRITING INCOME |  |  |  |
| 1. Premiums earned: <br> 1.1 Direct (written \$ 1,837,453,912. | 1,732,901,001 | 1,621,129,424 | 2, 195, 277, 814 |
| 1.2 Assumed (written \$ ...-.....-....34,680,452). | 29,385,999 | 20,886,271 | 25,743,271 |
| 1.3 Ceded (written \$ ............38,972,900 ) | 38,351,452 | 30,436,922 | 38,564,546 |
|  | 1,723,935,548 | 1,611,578,773 | 2,182,456,539 |
| DEDUCTION |  |  |  |
| 2. Losses incurred (current accident year \$ ............. 193, 179,539): 2. 1 Direct | 1,114,124,676 | 1,136,968,918 | 1,493,841,853 |
| 2.2 Assumed | 25, 193,907 | .14,567,704 | 20,302,803 |
| 2.3 Ceded | 724,792 | 716,581 | 1,139,735 |
| 2.4 Net | 1,138,593,791 | 1,150,820,041 | 1,513,004,921 |
| 3. Loss adjustment expenses incurred | 167, 126,398 | 170,261, 155 | 230,833,322 |
| 4. Other underwriting expenses incurred | 429,690,891 | 404,478,475 | 530,509,738 |
| 5. Aggregate write-ins for underwriting deductions |  |  |  |
| 6. Total underwriting deductions (Lines 2 through 5) | 1,735,411,080 | 1,725,559,671 | 2,274,347,981 |
| 7. Net income of protected cells |  |  |  |
| 8. Net underwriting gain or (loss) (Line 1 minus Line $6+$ Line 7) | $(11,475,532)$ | $(113,980,898)$ | $(91,891,442)$ |
| investment income |  |  |  |
| 9. Net investment income earned | 78,665,751 | 71,962,047 | 103,593,996 |
| 10. Net realized capital gains (losses) less capital gains tax of \$ .-...........-30,368,912 | 109,434,251 | 81,748,704 | 157,766,004 |
| 11. Net investment gain (loss) (Lines $9+10$ ) | 188, 100,002 | 153,710,751 | 261,360,000 |
| OTHER INCOME |  |  |  |
| 12. Net gain or (loss) from agents' or premium balances charged off (amount recovered \$ $\qquad$ 934,797 amount charged off \$ $\qquad$ 4,202,270 ) | (3,267,473) | $(4,578,406)$ | $(5,838,218)$ |
| 13. Finance and service charges not included in premiums .... | 3,979,348 | 4,295,065 | 5,723,573 |
| 14. Aggregate write-ins for miscellaneous income | $(1,486,787)$ | 16,002 | 14,337 |
| 15. Total other income (Lines 12 through 14) | $(774,912)$ | $(267,339)$ | $(100,308)$ |
| 16. Net income before dividends to policyholders, after capital gains tax and before all other federal and foreign income taxes (Lines $8+11+15$ ) | 175,849,558 | 39,462,514 | 169,368,250 |
| 17. Dividends to policyholders | 110,843,346 | 114,601,153 | 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) | 65,006,212 | $(75,138,639)$ | 24,361,794 |
|  | $(10,709,186)$ | $(40,654,697)$ | $(58,381,354)$ |
| 20. Net income (Line 18 minus Line 19)(to Line 22) | 75,715,398 | $(34,483,942)$ | 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) | 75,715,398 | $(34,483,942)$ | 82,743,148 |
| 23. Net transfers (to) from Protected Cell accounts |  |  |  |
| 24. Change in net unrealized capital gains (losses) less capital gains tax of \$ ............. $17,543,071$ ) | $(64,947,309)$ | 53,852,882 | 112,292,833 |
|  |  |  |  |
| 26. Change in net deferred income tax. | 9,822, 162 | 35,662, 127 | $(82,415,051)$ |
| 27. Change in nonadmitted assets | (64,955,678) | $(43,549,264)$ | $(89,346,286)$ |
| 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: <br> 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 | 185,369 | 8,388, 123 | 78,101,599 |
| 38. Change in surplus as regards policyholders (Lines 22 through 37) | $(52,068,181)$ | 4,309,737 | 85,816,054 |
| 39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38) | 2,617,422,054 | 2,587,983,918 | 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 | 30,953 | 24,073 | 35,956 |
| 1402. Penalties of regulatory authorities | (267) | $(8,071)$ | ( 21,619 ) |
| 1403. State tax credits | 694,527 |  |  |
| 1498. Summary of remaining write-ins for Line 14 from overflow page | $(2,212,000)$ |  |  |
| 1499. Totals (Lines 1401 through 1403 plus 1498)(Line 14 above) | $(1,486,787)$ | 16,002 | 14,337 |
| 3701. Change in Amica Companies Supplemental Retirement Trust | $(1,572,236)$ | 2,319,458 | 5,005,616 |
| 3702. Change in retiree medical overfunded asset | 1,757,605 | 6,068,665 | 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) | 185,369 | 8,388,123 | 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 September 30, 2018 and December 31, 2017 is shown below:

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 eighteen commercial mortgage loans as of September 30, 2018. The maximum and minimum lending rates were $4.7 \%$ 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 | \$83,600,971 | \$0 | \$83,600,971 |
| (b) 30-59 Days Past Due | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (c) 60-89 Day 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 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 $180+$ Days 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 | \$83,600,971 | \$0 | \$83,600,971 |
| 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+ Days 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 $180+$ Days 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

| $\$ 13,913,547$ |
| :--- |
| $\$ 21,740,830$ |

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

1. Less than 12 Months
2. 12 Months or Longer
3. All loan-backed and structured securities in an unrealized loss position were reviewed to determine whether other-than-temporary impairments should be recognized. The Company asserts that it has the intent and ability to hold these securities long enough to allow the cost basis of these securities to be recovered. These conclusions are supported by 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 | 23 |
| 2. Aggregate Amount of Inv estment Income | $\$ 187,829$ |

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

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

No change.

## NOTES TO FINANCIAL STATEMENTS

B. Writedowns for Impairment of Joint Ventures, Partnerships and Limited Liability Companies

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

|  |  |
| :--- | ---: |
| Name or Description | $\$ 282,123$ |
| AEA Mezzanine Fund III, LP | 435,372 |
| Cy prium Investors IV, LP | 123,750 |
| GCG Investors IV, LP | 80,270 |
| Gray cliff Mezzanine Fund II ParalleI, LP | 581,591 |
| Point Judith Venture Fund IV, LP | 153,020 |
| Stonepeak Infrastructure Fund III, LP | $\$ 1,656,126$ |
| Total |  |

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 | $\begin{gathered} \hline(3) \\ \text { (Col 1+2) } \\ \text { Total } \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| 09/30/18 |  |  |  |
| (a) Gross deferred tax assets | \$315,486,821 | \$10,530,319 | \$326,017,140 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Adjusted gross deferred tax assets (1a-1b) | 315,486,821 | 10,530,319 | 326,017,140 |
| (d) Deferred tax assets nonadmitted | 0 | 0 | 0 |
| (e) Subtotal net admitted deferred tax asset (1c-1d) | 315,486,821 | 10,530,319 | 326,017,140 |
| (f) Deferred tax liabilities | 179,116,581 | 101,972,886 | 281,089,467 |
| (g) Net admittled deferred tax asset/(Net deferred tax liability) (1e-1f) | \$136,370,240 | (\$91,442,567) | \$44,927,673 |
|  | (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) | (8) <br> (Col 2-5) | (9) <br> (Col 7+8) |
| Change | Ordinary | Capital | Total |
| (a) Gross deferred tax assets | \$24,537,765 | \$1,006,521 | \$25,544,286 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Adjusted gross deferred tax assets (1a-1b) | 24,537,765 | 1,006,521 | 25,544,286 |
| (d) Deferred tax assets nonadmitted | 0 | 0 | 0 |
| (e) Subtotal net admitted deferred tax asset (1c-1d) | 24,537,765 | 1,006,521 | 25,544,286 |
| (f) Deferred tax liabilities | 15,722,124 | $(17,543,071)$ | $(1,820,947)$ |
| (g) Net admitted deferred tax asset/(Net deferred tax liability) (10-1f) | \$8,815,641 | \$18,549,592 | \$27,365,233 |

## NOTES TO FINANCIAL STATEMENTS

2. Admission Calculation Components

|  | (1) | (2) Capital | (3) <br> (Col 1+2) |
| :---: | :---: | :---: | :---: |
| 09/30/18 |  |  |  |
| (a) Federal income taxes paid in prior years 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) | 90,015,851 | 0 | 90,015,851 |
| 1. Adjusted gross deferred tax assets expected to be realized following the balance sheet date | 90,015,851 | 0 | 90,015,851 |
| 2. Adjusted gross deferred tax assets allowed per limitation threshold | XXX | XXX | 388,366,703 |
| (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 | 212,260,840 | 10,530,319 | 222,791,159 |
| (d) Deferred tax assets admitted as the result of application of SSAP No. 101 | \$251,217,140 | \$74,800,000 | \$326,017,140 |
|  | (4) | (5) | (6) (Col 4+5) |
| 12/31/17 | Ordinary | Capital | Total |
| (a) Federal income taxes paid in prior years 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 expected to be realized follow ing the balance sheet date | 81,294,374 | 0 | 81,294,374 |
| 2. Adjusted gross deferred tax assets allowed 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) | $\begin{gathered} \text { (8) } \\ \text { (Col 2-5) } \end{gathered}$ | $\begin{gathered} (9) \\ (\operatorname{Col} 7+8) \end{gathered}$ |
| Change | Ordinary | Capital | Total |
| (a) Federal income taxes paid in prior years 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) | 8,721,477 | 0 | 8,721,477 |
| 1. Adjusted gross deferred tax assets expected to be realized follow ing the balance sheet date | 8,721,477 | 0 | 8,721,477 |
| 2. Adjusted gross deferred tax assets allowed per limitation threshold | XXX | XXX | (11,533,504) |
| (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 | 15,816,288 | 1,006,521 | 16,822,809 |
| (d) Deferred tax assets admitted as the result of application of SSAP No. 101 | \$24,537,765 | \$1,006,521 | \$25,544,286 |

3. Other Admissibility Criteria

| (a) Ratio used to determine recovery period and threshold limitations amount | 2018 | $\mathbf{2 0 1 7}$ |
| :--- | :---: | ---: |
| (b) Amount of adjusted capital and surplus used to determine recovery <br> period and threshold limitation in 2(b)2 above | $\mathbf{6 7 9 \%}$ | $699 \%$ |

## NOTES TO FINANCIAL STATEMENTS

4. Impact of Tax Planning Strategies

\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \& \multicolumn{2}{|c|}{09/30/18} \& \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} \& \begin{tabular}{l}
(5) \\
(Col 1-3) Ordinary
\end{tabular} \& \begin{tabular}{l}
(6) \\
(Col 2-4) Capital
\end{tabular} \\
\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} \& \$315,486, 821
\(0 \%\)
\(\$ 315,486,821\) \& \[
\$ 10,530,319
\]
\[
\begin{array}{r}
0 \% \\
\$ 10,530,319 \\
0 \%
\end{array}
\] \& \(\$ 290,949,056\)
\$290,949,056 \& \(\begin{array}{r}\text { \$9,523,798 } \\ \text { \$9,523,798 } \\ \\ \hline\end{array}\) \& \$24,537,765
\(0 \%\)
\(\$ 24,537,765\)

$0 \%$ \& \$1,006,521
\$1,006,521
$0 \%$
$0 \%$ <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) |  |
| :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} (3) \\ (\text { Col 1-2) } \end{gathered}$ |
|  | 09/30/18 | 12/31/17 | Change |
| (a) Federal | (\$10,709,186) | (\$58,381,354) | \$47,672,168 |
| (b) Foreign | 0 | 0 | 0 |
| (c) Subtotal | $(10,709,186)$ | (58,381,354) | 47,672,168 |
| (d) Federal income tax on net capital gains | 30,368,912 | 71,410,756 | $(41,041,844)$ |
| (e) Utilization of capital loss carry-forw ards | 0 | 0 | 0 |
| (f) Other | 0 | 0 | 0 |
| (g) Federal and foreign income tax es incurred | \$19,659,726 | \$13,029,402 | \$6,630,324 |

## NOTES TO FINANCIAL STATEMENTS

2. Deferred Tax Assets

\begin{tabular}{|c|c|c|c|}
\hline \& (1)
09/30/18 \& (2)

$12 / 31 / 17$ \& $$
\begin{gathered}
(3) \\
(\operatorname{Col} 1-2)
\end{gathered}
$$ <br>

\hline \multicolumn{4}{|l|}{(a) Ordinary:} <br>
\hline 1. Discounting of unpaid losses \& \$14,190,110 \& \$7,709,984 \& \$6,480,126 <br>
\hline 2. Unearned premium reserve \& 54,693,967 \& 50,004,115 \& 4,689,852 <br>
\hline 3. Policy holder reserves \& 0 \& 0 \& 0 <br>
\hline 4. Investments \& 0 \& 0 \& 0 <br>
\hline 5. Deferred acquisition costs \& 0 \& 0 \& 0 <br>
\hline 6. Policy holder dividends accrual \& 0 \& 0 \& 0 <br>
\hline 7. Fixed assets \& 19,804,050 \& 21,268,829 \& $(1,464,779)$ <br>
\hline 8. Compensation and benefits accrual \& 42,340,520 \& 42,511,796 \& $(171,276)$ <br>
\hline 9. Pension accrual \& 152,672,997 \& 141,282,794 \& 11,390,203 <br>
\hline 10. Receivables - nonadmitted \& 149,825 \& 139,560 \& 10,265 <br>
\hline 11. Net operating loss carry-forw ard \& 0 \& 0 \& 0 <br>
\hline 12. Tax credit carry-forw ard \& 4,420,510 \& 4,420,510 \& 0 <br>
\hline 13. Other (including items <5\% of total ordinary tax assets) \& 27,214,842 \& 23,611,468 \& 3,603,374 <br>
\hline 99. Subtotal \& 315,486,821 \& 290,949,056 \& 24,537,765 <br>
\hline (b) Statutory valuation allow ance adjustment \& 0 \& 0 \& 0 <br>
\hline (c) Nonadmitted \& 0 \& 0 \& 0 <br>
\hline (d) Admitted ordinary deferred tax assets (2a99-2b-2c) \& 315,486,821 \& 290,949,056 \& 24,537,765 <br>
\hline \multicolumn{4}{|l|}{(e) Capital:} <br>
\hline 1. Investments \& \$10,530,319 \& \$9,523,798 \& \$1,006,521 <br>
\hline 2. Net capital loss carry-forw ard \& 0 \& 0 \& 0 <br>
\hline 3. Real estate \& 0 \& 0 \& 0 <br>
\hline 4. Other (including items <5\% of total capital tax assets) \& 0 \& 0 \& 0 <br>
\hline 99. Subtotal \& 10,530,319 \& 9,523,798 \& 1,006,521 <br>
\hline (f) Statutory valuation allowance adjustment \& 0 \& 0 \& 0 <br>
\hline (g) Nonadmitted \& 0 \& 0 \& 0 <br>
\hline (h) Admitted capital deferred tax assets (2e99-2f-2g) \& 10,530,319 \& 9,523,798 \& 1,006,521 <br>
\hline (i) Admitted deferred tax assets (2d +2 h ) \& \$326,017,140 \& \$300,472,854 \& \$25,544,286 <br>
\hline
\end{tabular}

3. Deferred Tax Liabilities

|  | (1) <br> (2) | (3) <br> (Col 1-2) |
| :--- | ---: | ---: | ---: | ---: |
| Change |  |  |$|$

4. Net Deferred Tax Assets/(Liabilities)

|  | (1) | (2) | (3) <br> (Col 1-2) <br> Change |
| :--- | :---: | :---: | :---: |
| Net deferred tax assets (liabilities) (2i - 3c) |  |  | $09 / 30 / 18$ |
|  |  | $\$ 44,927,673$ | $\$ 17,562,440$ |

## 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):

|  | 09/30/18 | 12/31/17 | Change |
| :---: | :---: | :---: | :---: |
| Total deferred tax assets | \$326,017,140 | \$300,472,854 | \$25,544,286 |
| Total deferred tax liabilities | 281,089,467 | 282,910,414 | $(1,820,947)$ |
| Net deferred tax assets/(liabilities) | 44,927,673 | 17,562,440 | 27,365,233 |
| Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| Net deferred tax assets/(liabilities) after SVA | 44,927,673 | 17,562,440 | 27,365,233 |
| Tax effect of unrealized gains (losses) | 101,972,886 | 119,515,957 | $(17,543,071)$ |
| Statutory valuation allow ance adjustment allocation to unrealized | 0 | 0 | 0 |
| Change in net deferred tax | \$146,900,559 | \$137,078,397 | \$9,822,162 |

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:

|  | 09/30/18 |  | 12/31/17 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Effective |  |  | Effective |
|  | Amount | Tax Rate | Amount | Tax Rate |
| Income before taxes | \$20,028,775 | 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\% |
| Div idends receiv ed deduction, net of pro-ration | $(931,562)$ | -1.0\% | $(3,641,910)$ | -3.8\% |
| Change in nonadmitted assets | $(13,640,692)$ | -14.3\% | $(38,271,199)$ | -40.0\% |
| Change in pension overfunded asset | 0 | 0.0\% | 16,561,752 | 17.3\% |
| Change in accounting principles | $(1,287,409)$ | -1.3\% | 5,823,912 | 6.1\% |
| Other | 5,828,841 | 6.1\% | $(3,250,880)$ | -3.4\% |
| Total | \$9,837,564 | 10.3\% | \$95,444,453 | 99.7\% |
| Federal income taxes incurred | (\$10,709,186) | -11.2\% | $(\$ 58,381,354)$ | -61.1\% |
| Tax on capital gains (losses) | 30,368,912 | 31.8\% | 71,410,756 | 74.6\% |
| Change in net deferred taxes | $(9,822,162)$ | -10.3\% | 82,415,051 | 86.1\% |
| Total statutory income taxes | \$9,837,564 | 10.3\% | \$95,444,453 | 99.7\% |

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

1. At September 30, 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 | $\$ 4,420,510$ | 2014 | None |

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 $1 / 2 \%$ 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 $X X X$ 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* |
| Amica Life Insurance Company | $(\$ 9,488,204)$ | $\$ 0$ | $\$ 332,483,391$ | $\$ 332,483,391$ |

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 $\$ 4.5$ 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 September 30, 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 |
| :---: | :---: | :---: | :---: | :---: |
|  | 9/30/2018 | 12/31/2017 | 9/30/2018 | 12/31/2017 |
| a. Service cost | \$30,156,236 | \$42,350,593 | \$4,946,167 | \$6,706,743 |
| b. Interest cost | 43,340,230 | 58,829,165 | 11,570,606 | 16,788,419 |
| c. Expected return on plan assets | $(101,370,806)$ | $(119,782,072)$ | $(12,316,147)$ | $(14,515,798)$ |
| d. Transition asset or obligation | 354,865 | 473,153 | 8,238,198 | 10,984,264 |
| e. (Gains) and losses | 5,195,640 | 12,517,223 | 26,333 | 11,582 |
| f. Prior service cost or (credit) | $(5,590,803)$ | $(7,454,408)$ | $(32,669)$ | $(43,559)$ |
| g. (Gain) or loss recognized due to a settlement or curtailment | 0 | 0 | 0 | 0 |
| h. Total net periodic benefit cost (income) | (\$27,914,638) | (\$13,066,346) | \$12,432,488 | \$19,931,651 |

The Company has no material 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 103bii. Through September 30, 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 year | $(\$ 8,616,669)$ |
| Recognized during y ear | $8,616,669$ |
| Remaining transition liability | $\$ 0$ |

## 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 $\$ 598,958,140$, 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:

| Investm ent Fund | Amount |
| :--- | ---: |
| Adams Street Private Credit Fund, LP | $\$ 14,157,435$ |
| AEA Mezzanine Fund III, LP | 885,917 |
| Cy prium Investors IV, LP | $2,833,929$ |
| Cy prium Investors V, LP * | $3,275,000$ |
| GCG Inv estors IV, LP | $3,805,859$ |
| GLC Direct Credit Fund, LP | 548,739 |
| Goldman Sachs Priv ate Equity Partners XI, LP | 106,768 |
| GoldPoint Mezzanine Partners IV, LP | $5,074,434$ |
| Gray clif Mezzanine II Parallel, LP | 503,179 |
| Gray cliff Mezzanine III Parallel, LP | $4,224,946$ |
| Heartw ood Forestland REIT III LLC | 525,949 |
| Heartw ood Natural Resources REIT, LLC * | $20,000,000$ |
| Ly me Forest Fund V, LP | $16,500,000$ |
| Midwest Mezzanine Fund V SBIC, LP | 951,788 |
| Midwest Mezzanine Fund VI SBIC, LP * | $5,672,131$ |
| Morgan Stanley Priv ate Markets Fund III, LP | 556,045 |
| Point Judith Venture Fund IV, LP | $15,606,494$ |
| Sav ano Capital Partners II, LP | $3,840,000$ |
| Stonepeak Infrastructure Fund III, LP | $20,896,171$ |
| THL Credit Direct Lending IV, LLC * | $2,000,000$ |
| Total | $\$ 121,964,784$ |

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 Risk

No 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.

## NOTES TO FINANCIAL STATEMENTS

C. Wash Sales

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

## 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 September 30, 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 | \$1,242,918,099 | \$4,481,200 | \$0 | \$1,247,399,299 | \$0 |
| Total common stock | 1,242,918,099 | 4,481,200 | 0 | 1,247,399,299 | 0 |
| Cash equivalents and shor-term investments: |  |  |  |  |  |
| Exempt money market mutual funds | 0 | 3,169,779 | 0 | 3,169,779 | 3,169,779 |
| All other money market mutual funds | 0 | 8,869,218 | 0 | 8,869,218 | 8,869,218 |
| Total cash equivalents and short-term investments | 0 | 12,038,997 | 0 | 12,038,997 | 12,038,997 |
| Total assets at fair value | \$1,242,918,099 | \$16,520,197 | \$0 | \$1,259,438,296 | \$12,038,997 |
| (b) Liabilites at fair value: |  |  |  |  |  |
| Total liabilities at fair value | \$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 September 30, 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 September 30, 2018.
B. Other Fair Value Disclosures

Not applicable.

## NOTES TO FINANCIAL STATEMENTS

C. Fair Value Measurements for All Financial Instruments at September 30, 2018:

| Type of Finncial Instrument | Aggregate | Admitted | Level 1 | Level 2 |  | Not Practicable | Net Asset Value <br> Incl in lavel? | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bonds: |  |  |  |  |  |  |  |  |
| U.S. governments | \$813,319, 117 | \$837,240,588 | \$161,619,283 | \$651,609,834 | 50 | \$0 | \$0 | \$813,319,117 |
| Municipal bonds | 346,233,528 | 348,805,889 | 0 | 346,233,528 | 0 | 0 | 0 | 346,233,528 |
| U.S. special revenue and assessments | 494,552,776 | 507,149,069 | 0 | 494,552,76 | 0 | 0 | 0 | 494,552,676 |
| Industrial and miscellaneus | 849,159,387 | 886,030,972 | 0 | 849,159,387 | 0 | 0 | 0 | 849,159,387 |
| Toial bonds | 2,50,264,708 | 2,557,88,518 | 161,609,283 | 2,341,645,425 | 0 | 0 | 0 | 2,503,264,708 |
| Common stock: |  |  |  |  |  |  |  |  |
| Industrial and miscelaneous | 1,247,399,299 | 1,247,399,299 | 1,242,98,099 | 4,881,200 | 0 | 0 | 0 | 1,247,399,299 |
| Total common stock | 1,247,399,299 | 1,247,399,299 | 1,242,918,099 | 4,481,200 | 0 | 0 | 0 | 1,24, 399,299 |
| Morgage loans: |  |  |  |  |  |  |  |  |
| Commercial mortages | 81,143,265 | 83,600,71 | 0 | 81,143,265 | 0 | 0 | 0 | 81,143,265 |
| Toial mortgage loans | 81,14, 265 | 83,600,971 | 0 | 81,143,265 | 0 | 0 | 0 | 81,143,265 |
| Cash equivalents and Shortiem investments: |  |  |  |  |  |  |  |  |
| Exempt money market mutual funds | 3,169,779 | 3,169,79 | 0 | 3,169,799 | 0 | 0 | 3,169,779 | 3,169,779 |
| All other money maket mutual funds | 8,869,218 | 8,860,218 | 0 | 8,869,218 | 0 | 0 | 8,869,218 | 8,869,218 |
| Commercial paper | 120,571,897 | 120,571,897 | 0 | 120,511,897 | 0 | 0 | 0 | 120,511,897 |
| Total cash equivalents and shortiem investments | 132,610,894 | 132,610,894 | 0 | 132,610,894 | 0 | 0 | 12,038,997 | 132,610,894 |
| Total assels | \$3,964,418,166 | \$4,020,89,682 | \$1,404,57, 382 | \$2,559,80,784 | S0 | \$0 | \$12,038,997 | \$3,964,418,166 |

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 and Non-transferable Tax Credits | State | Carrying Value | Unused Amount |
| :---: | :---: | :---: | :---: |
| Film Production Tax Credit | CT | 1,452,260 | 1,662,260 |
| Brownsfield Tax Credit | MA | 701,667 | 762,682 |
| Historic Rehabilitation Tax Credit | MA | 2,511,000 | 2,700,000 |
| Low Income Housing Tax Credit | MA | 2,127,912 | 2,693,560 |
| Total |  | \$6,792,839 | \$7,818,502 |

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 non-transferable 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 | $\$ 6,792,839$ |  |
| 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

Subsequent events have been considered through November 14, 2018 for the statutory statement issued on November 14, 2018.
Effective October 1, 2018, the Company changed its settlement methodology related to premiums ceded under the quota share reinsurance agreement with its subsidiary, Amica Property and Casualty Insurance Company. The Company will now settle ceded premiums on an earned basis rather than on a written basis. As a result of this change, the Company transferred $\$ 16,360,318$ to the subsidiary in October to transition to the new methodology. This change does not impact income or expenses for either company; only the timing related to the settlement of reinsurance premiums has changed.

There were no other events occurring subsequent to the end of the quarter that merited recognition or disclosure in these statements.

## 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 September 30, 2018, $\$ 465.6$ 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 $\$ 687.9$ 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 an $\$ 80.5$ million favorable prior-year development from December 31, 2017 to September 30, 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 SEPTEMBER 30, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY

GENERAL INTERROGATORIES

## PART 1 - COMMON INTERROGATORIES

## GENERAL

 regulatory services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptroller of the Currency (OCC), the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC)] and identify the affiliate's primary federal regulator.

| 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: |
| Location (City, State) |  | FRB | OCC | FDIC |
| SEC |  |  |  |  |
|  |  |  |  |  |

9.1 Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions) of the reporting entity subject to a code of ethics, which includes the following standards?
(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 for use by another person? (Exclude securities under securities lending agreements.)
1.2 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:
1
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.
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 ... $\qquad$
16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and $2 \ldots \ldots . . . . . . . . . . . . . . . . . . . . . . . . ~ \$ ~$


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 ustodial 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, M0 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:

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 |  |
| :---: | :---: | :---: | :---: |
| Old Custodian | New Custodian | Date of Change | 4 |
|  |  |  |  |

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

| $\stackrel{1}{1}$ Name of Firm or Individual | $2$ <br> Affiliation |
| :---: | :---: |
| Robert K. Benson, Senior Vice President and Chief Investment Officer | 1 |

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 | 2 | 3 | 4 |  |
| :---: | :---: | :---: | :---: | :---: |
| Central Registration <br> Depository Number | Name of Firm or Individual |  |  |  |
| 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 $5^{*} \mathrm{G}$ l securities, the reporting entity is certifying the following elements for each self-designated $5^{*} \mathrm{Gl}$ 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:
$\qquad$



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 SEPTEMBER 30, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY 

SCHEDULE F - CEDED REINSURANCE

\begin{tabular}{|c|c|c|c|c|c|c|}
\hline  \& 2

ID
Number \& 3
Name of Reinsurer \&  \& 5

Type of Reinsurer \& \begin{tabular}{|c|}
\hline 6 <br>
Certified <br>
Reinsurer <br>
Rating <br>
(1 through 6) <br>
\hline

 \& 

\hline 7 <br>
Effective <br>
Date of <br>
Certified <br>
Reinsurer <br>
Rating <br>
\hline
\end{tabular} <br>

\hline \& AA-3194126 \& ARCH REINSURANCE LIIMTED \& - BIW \& Certified \& 3 \& 04/08/2015 <br>
\hline \& AA-1120175 \& FIDELIS UNDEENVRITING LIMITED \& GBR. \& Unauthor ized. \& \& <br>
\hline \& AA-1340122 \& HANNOVER RUECK SE \& DEU \& Author ized \& \& <br>
\hline \& AA-3190875 \& HISCOX INSUAANCE COIPANY LIMITED \& BIM \& Unauthor ized. \& \& <br>
\hline \& AA-8310008 \& HUMBCLDT RE LTD \& GGY \& Unauthor ized. \& \& <br>
\hline \& . AA-8310006. \& KELVIN RE LTD \& GGY \& Unauthor ized. \& \& <br>
\hline \& .AA-126033 \& LLOYD'S SYNDICATE NUMEER 0033 \& GBR. \& Author ized. \& \& <br>
\hline \& . AA-127084 \& LLOYO'S SYNDICATE NUMBER 1084 \& GBR \& Author ized \& \& <br>
\hline \& . AA-1120157 \& LLOYO'S SYNDICATE NUWBER 1729 \& GBR. \& Author ized \& \& <br>
\hline \& .AA-1120106 \& LLOYD'S SYNDICATE NUMBER 1969 \& GB8. \& Author ized \& \& <br>
\hline \& . AA-128001 \& LLOYO'S SYNDICATE NUMBER 2001 \& GBR \& Author ized \& \& <br>
\hline \& AA-1120097 \& NEON UNOERMRITITING BERMUDA LIIITED \& GBR \& Author ized \& \& <br>
\hline \& .AA-1460023 \&  \& -.....CHE \&  \& \& <br>
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SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN

(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.
. 51 R - Registered - Non-domiciled RRGs
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> 4 <br> Prior Year to Date <br> Direct Loss <br> Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\underset{\substack{1 \\ \text { Direct Premiums } \\ \text { Earned }}}{ }$ | $\begin{gathered} 2 \\ \begin{array}{c} \text { Direct Losses } \\ \text { Incurred } \end{array} \\ \hline \end{gathered}$ | 3 Direct Loss Percentage |  |
| 1. | Fire | 6,826,752 | 2,188,836 | 32.1 | 31.9 |
| 2. | Allied Lines | 16,994, 113 | 14,079,453 | 82.8 | 110.8 |
| 3. | Farmowners multiple peril |  |  |  |  |
| 4. | Homeowners multiple peril | 645,547,867 | 433, 186,084 | $\square-67.1$ | $\square-\mathrm{-a}$ |
| 5. | Commercial multiple peril |  |  |  |  |
| 6. | Mortgage guaranty. |  |  |  |  |
| 8. | Ocean marine | 3,835,862 | 1,664,669 | 43.4 | 41.0 |
| 9. | Inland marine | 11,362,813 | 4,277,604 | 37.6 | 41.7 |
| 10. | Financial guaranty. |  |  |  |  |
| 11.1 | Medical professional liability - occurrence |  |  |  |  |
| 11.2 | Medical professional liability - claims-made |  |  |  |  |
| 12. | Earthquake | 17,553,918 | $(20,000)$ | - . ${ }_{\text {- }}$ (0.1) |  |
| 13. | Group accident and health |  |  |  |  |
| 14. | Credit accident and health. |  |  |  |  |
| 15. | Other accident and health |  |  |  |  |
| 16. | Workers' compensation | 46,399 |  |  |  |
| 17.1 | Other liability - occurrence | 50,380,851 | 15,717,378 | 31.2 | 29.3 |
| 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 | 584,531,626 | 399,695,373 | - 68.4 | 71.0 |
| 19.3,19.4 | Commercial auto liability | .147,471 | -18,724 | $12.7$ | (63.2) |
| 21. | Auto physical damage .... | 395,673,329 | 243,316,555 | $61.5$ | 77.8 |
| 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 | $x \times x$ | xxx | $x \times x$ | $x \times x$ |
| 32. | Reinsurance - Nonproportional Assumed Liability | $x \times x$ | xxx | $x \times x$ | $x \times x$ |
| 33. | Reinsurance - Nonproportional Assumed Financial Lines. | xxx | xxx | xxx | xxx |
| 34. | Aggregate write-ins for other lines of business ............... |  |  |  |  |
| 35. | Totals | 1,732,901,001 | 1,114,124,676 | 64.3 | 70.1 |
|  | DETAILS OF WRITE-INS |  |  |  |  |
| 3402. |  |  |  |  |  |
| 3403. |  |  |  |  |  |
| 3498. | Summary of remaining write-ins for Line 34 from overflow page |  |  |  |  |
| 3499. | Totals (Lines 3401 through 3403 plus 3498)(Line 34 above) |  |  |  |  |

PART 2 - DIRECT PREMIUMS WRITTEN

|  | Line of Business | 1 Current Quarter | 2 Current Year to Date | 3 Prior Year Year to Date |
| :---: | :---: | :---: | :---: | :---: |
| 1. | Fire | 2,424,006 | 6,687,584 | 6,931, 149 |
| 2. | Allied Lines | 6,627,844 | 17,908,795 | 16,345, 162 |
| 3. | Farmowners multiple peril |  |  |  |
| 4. | Homeowners multiple peril | 260,334,706 | -..... $690,884,540$ | -......-644,323,974 |
| 5. | Commercial multiple peril |  |  |  |
| 6. | Mortgage guaranty |  |  |  |
| 8. | Ocean marine | 1,434,235 | 4,372,577 | 4,408,147 |
| 9. | Inland marine | 4,429,309 | 11,669,265 | .11,661,678 |
| 10. | Financial guaranty |  |  |  |
| 11.1 | Medical professional liability - occurrence |  |  |  |
| 11.2 | Medical professional liability - claims-made |  |  |  |
| 12. | Earthquake | 6,839,274 | 18,458,221 | .17,252,599 |
| 13. | Group accident and health. |  |  |  |
| 14. | Credit accident and health |  |  |  |
| 15. | Other accident and health |  |  |  |
| 16. | Workers' compensation | 17,524 | 46,558 | 47,137 |
| 17.1 | Other liability - occurrence | 19,975,244 | 52,666,481 | 50, 189,887 |
| 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 | 222,916,356 | 616,856,091 | 593,783,046 |
| 19.3,19.4 | Commercial auto liability | 52,299 | 145,005 | 149, 123 |
| 21. | Auto physical damage | 151,497,987 | 417,758,795 | 400,379,474 |
| 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 | 676,548,784 | 1,837,453,912 | 1,745,471,376 |
|  | 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) |  |  |  |

## 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 | 3 <br>  <br>  <br> Total Prior <br> Year-End Loss <br> and LAE <br> Reserves <br> (Cols. $1+2$ ) |  <br>  <br> 2018 Loss and <br> LAE Payments on <br> Claims Reported <br> as of Prior <br> Year-End | 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) | Q.S. Date Known Case Loss and LAE Reserves on Claims Reported and Open as of Prior Year End | 8 <br> Q.S. Date Known <br> Case Loss and <br> LAE Reserves on <br> Claims Reported <br> or Reopened <br> Subsequent to <br> Prior Year End | 9 <br> Q.S. Date IBNR Loss and LAE Reserves | 10 <br>  <br> Total QQ.S. Loss <br> and LAE <br> Reserves <br> (Cols. $7+8+9$ ) | 11 <br> Prior Year-End <br> Known Case Loss <br> and LAE Reserves <br> Developed <br> (Savings)/ <br> Deficiency <br> (Cols.4+7 <br> minus Col. 1) | 12 <br> Prior Year-End IBNR Loss and LAE Reserves Developed (Savings)/ Deficiency (Cols. 5+8+9 minus Col. 2) | 13 <br>  <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 | 84,311 | 5,757 | 90,068 | 177,229 | .16,580 | $(21,603)$ | .172,206 | $(37,743)$ | 21,850 | $(15,893)$ |
| 2. 2016 | 232,708 | 27,665 | 260,373 | 77,805 | .13,309 | 91, 114 | . 148,493 | 25,109 | $(3,770)$ | .169,832 | $(6,410)$ | 6,983 | 573 |
| 3. Subtotals $2016+$ Prior | 531,991 | 6,549 | 538,540 | 162,116 | 19,066 | 181, 182 | 325,722 | 41,689 | ( 25,373 ) | 342,038 | $(44,153)$ | 28,833 | ( 15,320 ) |
| 4. 2017 . | 517,805 | .177,654 | 695,459 | .179,575 | .104,853 | 284,428 | 225,139 | 60,761 | 59,928 | 345,828 | $(113,091)$ | 47,888 | $(65,203)$ |
| 5. Subtotals $2017+$ Prior | 1,049,796 | 184,203 | 1,233,999 | 341,691 | 123,919 | 465,610 | 550,861 | .102,450 | 34,555 | 687,866 | $(157,244)$ | .76,721 | ( 80,523 ) |
| 6. 2018 | XXX | . XXX | XXX | XXX | 849,040 | 849,040 | XXX | 394,366 | 142,837 | 537,203 | XXX | XXX | XXX |
| 7. Totals | 1,049,796 | 184,203 | 1,233,999 | 341,691 | 972,959 | 1,314,650 | 550,861 | 496,816 | 177,392 | 1,225,069 | $(157,244)$ | 76,721 | $(80,523)$ |
| 8. Prior Year-End Surplus As Regards Policyholders | 2,669,490 |  |  |  |  |  |  |  |  |  | Col. 11, Line 7 <br> As \% of Col. 1 Line 7 | Col. 12, Line 7 As \% of Col. 2 Line 7 | Col. 13, Line 7 As \% of Col. 3 Line 7 |
|  |  |  |  |  |  |  |  |  |  |  | 1. (15.0) | 2. 41.7 | 3. (6.5) |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Col. 13, Line 7 As a \% of Col. 1 Line 8 <br> 4. (3.0) |

# STATEMENT AS OF SEPTEMBER 30, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY 

## 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?

Will Supplement A to Schedule T (Medical Professional Liability Supplement) be filed with this statement? ................................................ $\quad$.

Will the Director and Officer Insurance Coverage Supplement be filed with the state of domicile and the NAIC with this statement? ......... NO

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 | $(36,133)$ |  | $(36,133)$ | 11,690 |
| 2505. Travel advances | 82,893 | 82,893 |  |  |
| 2506. Postage inventory | 483,874 | 483,874 |  |  |
| 2507. Prepaid expenses | 18,605,047 | 18,605,047 |  |  |
| 2508. Prepaid pension contribution | 725,535,617 | 507,650,412 | 217,885,205 | 217,885,205 |
| 2509. Pension overfunded asset | $(217,885,205)$ |  | $(217,885,205)$ | $(217,885,205)$ |
| 2510. Miscellaneous deposits | 7,253,875 | 461,036 | 6,792,839 | 1,059,731 |
| 2511. Receivable for other surcharges | 1,881,486 |  | 1,881,486 | 1,971,812 |
| 2512. Miscellaneous receivable |  |  |  | 2,171,899 |
| 2513. Prepaid retirees' medical expense | 3,394,537 |  | 3,394,537 | 5,152,141 |
| 2514. Retiree medical overfunded asset | $(3,394,537)$ |  | $(3,394,537)$ | $(5,152,141)$ |
| 2515. California Earthquake Authority membership assessment deferred expense asset | 11,060,000 | 11,060,000 |  |  |
| 2597. Summary of remaining write-ins for Line 25 from overflow page | 546,981,454 | 538,343,262 | 8,638,192 | 5,215,132 |


|  | 1 Current Statement Date | $\begin{gathered} 2 \\ \text { December 31, } \\ \text { Prior Year } \end{gathered}$ |
| :---: | :---: | :---: |
| 2504. California Earthquake Authority Membership Assessment Deferred Expense | 11,060,000 |  |
| 2597. Summary of remaining write-ins for Line 25 from overflow page | 11,060,000 |  |


|  | 1 <br> Current Year to Date | $2$ <br> Prior Year to Date | Prior Year Ended December 31 |
| :---: | :---: | :---: | :---: |
| 1404. California Earthquake Authority Membership Assessment | $(2,212,000)$ |  |  |
| 1497. Summary of remaining write-ins for Line 14 from overflow page | $(2,212,000)$ |  |  |


|  | 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 |

SCHEDULE A - VERIFICATION

|  | Year to Date | 2Prior Year Ended <br> December 31 |
| :---: | :---: | :---: |
| 1. Book/adjusted carrying value, December 31 of prior year | 45,575,603 | 44,562,357 |
| 2. Cost of acquired: |  |  |
| 2.2 Additional investment made after acquisition | 6,216,499 | 3,607,656 |
| 3. Current year change in encumbrances |  |  |
| 4. Total gain (loss) on disposals |  |  |
| 5. Deduct amounts received on disposals |  |  |
| 6. Total foreign exchange change in book/adjusted carrying value |  |  |
| 7. Deduct current year's other than temporary impairment recognized |  |  |
| 8. Deduct current year's depreciation. | 2,019,600 | 2,594,410 |
| 9. Book/adjusted carrying value at the end of current period (Lines $1+2+3+4-5+6-7-8$ ) | 49,772,502 | 45,575,603 |
| 10. Deduct total nonadmitted amounts |  |  |
| 11. Statement value at end of current period (Line 9 minus Line 10) | 49,772,502 | 45,575,603 |

## SCHEDULE B - VERIFICATION

Mortgage Loans

|  | 1 Year to Date | $\stackrel{2}{2}$ Prior Year Ended 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 | .15,602,068 | 39,886,703 |
| 2.2 Additional investment made after acquisition. | .1,903,928 |  |
| 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 | 2,035,553 | .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 |  |  |
| 11. Book value/recorded investment excluding accrued interest at end of current period (Lines $1+2+3+4+5+6-7-8+9-10$ ) | 83,600,971 | 68,130,528 |
| 12. Total valuation allowance |  |  |
| 13. Subtotal (Line 11 plus Line 12) | 83,600,971 | 68, 130,528 |
| 14. Deduct total nonadmitted amounts |  |  |
| 15. Statement value at end of current period (Line 13 minus Line 14) | 83,600,971 | 68,130,528 |

## SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

|  | 1 Year to Date | $\begin{gathered} 2 \\ \text { Prior Year Ended } \\ \text { December 31 } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: |
| 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 | 3,643,192 | 1,357,196 |
| 2.2 Additional investment made after acquisition | 37,586,911 | 31,939,033 |
| 3. Capitalized deferred interest and other |  |  |
| 4. Accrual of discount |  |  |
| 5. Unrealized valuation increase (decrease) | 15,575,405 | 6,037,342 |
| 6. Total gain (loss) on disposals | 1,745,714 | 2,854,256 |
| 7. Deduct amounts received on disposals | 29,646,400 | 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 | 1,656,126 |  |
| 11. Book/adjusted carrying value at end of current period (Lines $1+2+3+4+5+6-7-8+9-10$ ) | 183,892,514 | 156,643,818 |
| 12. Deduct total nonadmitted amounts |  |  |
| 13. Statement value at end of current period (Line 11 minus Line 12) | 183,892,514 | 156,643,818 |

## SCHEDULE D - VERIFICATION

Bonds and Stocks


# STATEMENT AS OF SEPTEMBER 30, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY 

SCHEDULE D - PART 1B
Showing the Acquisitions, Dispositions and Non-Trading Activity

(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

|  |  |  |
| :---: | :---: | :---: |
|  | 1 Year To Date | 2 <br> Prior Year Ended <br> 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

STATEMENT AS OF SEPTEMBER 30, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE E-PART 2 - VERIFICATION
(Cash Equivalents)

|  | Year To Date | 2 <br> Prior Year Ended <br> December 31 |
| :---: | :---: | :---: |
| 1. Book/adjusted carrying value, December 31 of prior year | 102,645,411 |  |
| 2. Cost of cash equivalents acquired | 2,887,992,846 | 3,589,542,427 |
| 3. Accrual of discount |  |  |
| 4. Unrealized valuation increase (decrease) | (16) |  |
| 5. Total gain (loss) on disposals | 2,428 |  |
| 6. Deduct consideration received on disposals | 2,858,029,775 | 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 $1+2+3+4+5-6-7+8-9$ ) | 132,610,894 | 102,645,411 |
| 11. Deduct total nonadmitted amounts |  |  |
| 12. Statement value at end of current period (Line 10 minus Line 11) | 132,610,894 | 102,645,411 |

SCHEDULE A - PART 2


SCHEDULE A - PART 3


SCHEDULE B - PART 2


## SCHEDULE B - PART 3

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


## SCHEDULE BA - PART 2



## SCHEDULE BA - PART 3



SCHEDULE D - PART 3

| CUSIP Identification | Description | Foreign | $\begin{gathered} \text { Date } \\ \text { Acquired } \end{gathered}$ | 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) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 36178F-K4-7 | OWNA HECU POOL \# A A7515 |  | .07720/2018 | ACCOETITON |  |  | ${ }^{29,095}$ |  |  |
| ${ }^{36199}-45-1$ | OWMA HECu POOL \# ACO928. |  | -09/2002018 |  |  | ${ }^{115,857}$ i7, | -15,857 |  |  |
|  |  |  | $\begin{array}{r}\text { 09720/2018 } \\ \hline 07 / 112018\end{array}$ |  |  | 2.730.819 | $\begin{array}{r}\text {-174, } \\ \hline 2.835 .921 \\ \hline\end{array}$ | 8.685 |  |
| $831641-\mathrm{FL}-4$ | US SBA SER 2018-08 |  | - 099/13/2018 | CREDIT SUISSE |  | 22,500,000 | 22,500,000 |  |  |
| 912810-RE-0 | US Treasiry bouns |  | 09/20/2018 | morgan stancer sulth baney Llo |  | 10,741, 797 | 10,000,000 | ${ }^{36,447}$ |  |
| 912810-PN-0 | US Treasiry bolios |  | 07/25/2018 | various |  | 33, 118,577 | 34,060,000 | 427,785 |  |
| 0599999. Subtotal - Bonds - U.S. Governments |  |  |  |  |  | 69,31,698 | 69,616,426 |  | XXX |
| 882724-HF-7 | GEORGIA ST GO BDS 2016B | $\cdots$ | ...09/07/2018 |  |  | 3,124,415 4.500880 | $3,500,000$ 4.50000 | 11,472 |  |
| 939746-P11-6 | UVASHINGTON ST Cob |  | -090/26/2018 | Varilus |  | $\begin{array}{r}\text { 4, } \\ \hline 19,811,734 \\ \hline\end{array}$ | - $416,6000,000$ | 143,450 |  |
| 1799999. Subtotal - Bonds - U.S. States, Territories and Possessions |  |  |  |  |  | 27,47, 029 | 24,600,000 | 154,922 | XXX |
| 3140HN-4x-7 ...... | FWMA 4.0\% 30 Y Y Pool mbk937 |  | 08/09/2 | DAIIA CAPPTTAL IMARKETS |  | 7,920,613 | 7,793,961 | 10,392 |  |
| 313358-02-2 | FREEODE EMAC 3.56\% 30Y Pood m661372 |  | -08/09/2018 | DAIIIA Capital markers |  | -52,529, 822 | ${ }^{52,975,266}$ | $\xrightarrow{61,804}$ |  |
| ${ }^{220832-66-2}$ |  |  | -09/11/2018 | DAIIIA CAPITALL M Mankers |  | 51,770, 209 | $\begin{array}{r}52,364,769 \\ \\ \hline 167709\end{array}$ | 50,900 |  |
| 31281-411-7 | FREODIE MACC $4.0 \%$ 30Y P Pool \#cors36 |  | -08/09/2018 | OAIIIA Capital Markers |  | 17,050, 126 | $\square \quad 16,777,492$ | 22,370 |  |
| 312813/-41/-9 |  |  | -08/09/2018 |  |  | $20,755,469$ 91078,228 | $\begin{array}{r}20,00,000 \\ 883 \\ 83 \\ \hline 1013\end{array}$ |  |  |
| 312813-47-8 |  |  | 08/31/2018 | Ammerst Pierpoint |  | 91,088,228 | 89,33, 913 | 39,703 |  |
| 3199999. Subtotal - Bonds - U.S. Special Revenues |  |  |  |  |  | 241,043,927 | 239, 243,360 | 215, 179 | XXX |
| ${ }^{\text {O }}$ |  |  | .07416/2018 |  |  | ${ }^{811,448}$ |  |  | IE |
| ${ }^{0258816-8 \mathrm{Bl}-2}$ | AIEERICAN EXPRESSS CO SP NTS |  |  |  |  | $2,059,430$ <br> 355 <br> 4.298 | 2,050,000 |  | 1 FE |
|  |  |  | -07272018 | ${ }^{\text {a }}$ |  | 4,680, 672 | 4,800,000 | 51,900 | 1 1FE |
| $595527-$ AR-8 | BeEMSHIIEE HATHARAY EIEEGY SR |  | .09/24/2018 | DAIIA CAPITAL L MARETS |  | 609,009 | .490,000 |  | 1 FE |
| 14042R-BT-7 | TtLL OE N NA SP NTS |  | 09/19/2018 | MaAKET XXESS |  |  |  |  | 2 EE |
| 1492123-3N-0 | Catepr llat Inc sp ns |  | -08/01/12018 | ROBERT T. ABARO \& CO. INC |  | .509, 101 | . 410,000 | ${ }^{11,576}$ | 1 FE |
| T2036-LS-8 |  |  | -09/21/2018 |  |  | $\begin{array}{r}1.1,30,935 \\ 3,106101 \\ \hline\end{array}$ | $1,390,000$ <br> 3,230000 |  | 1Fe |
| 209111-L-3-3 | COISOLIOATED EOI SON CO SR NTS |  | -07/10/2018 | US SAMK NA |  | ${ }^{1}$ 254,450 | 213,000 | 4,050 | 1 FE |
| 126650-CV-0 | CVIS HEALH COAP SR NTS |  | - 09918/2018 | Various |  | ,856,799 | 1,864,000 | 11,280 | 2 FE |
| 693627-4Y-7 | OUKE EEEEGGY INOIANA INC |  | .08/22/2018 |  |  |  | 5388,000 | 11,198 | 1 FE |
| ${ }^{2} 23379-88-8$ | ENEEPRISE PROOCOCTS OPER LLC NTS |  | - 0 09/18/2018 | (1) |  | $\begin{array}{r}\text { ¢660,052 } \\ \hline 2.654 .824\end{array}$ |  | 2.503 <br> 8.243 |  |
| ${ }^{3}$ | GNC TAX LIEN ABS SER 2018-A |  | - $\quad 09706 / 21 / 2018$ | J.P. WOOGAN SECLRITIES |  | $2,654,24$ $11,988,856$ |  | 18,243 |  |
| 68389-HV-7 | OPRCLE E COPP SP NTS |  | - 08/22/2018 | MMARET AXESS |  | 156,353 | 150,000 |  | 1 FE |
| 797440-8K-9 | SAN DIEGO GAS \& ELECTRIC NTS |  | -0.0731/2018 | US BAM NA |  | 537,667 | 400,000 | 4,473 | 1 FE. |
|  |  |  | -080121218 |  |  | 877,026 <br> $.517,876$ | $\begin{array}{r}684,000 \\ \hline 518,000\end{array}$ | $\begin{array}{r} -13,338 \\ -.2,614 \end{array}$ | ${ }_{\text {1FE }}^{17}$ |
| ${ }^{9220494-86-7}$ | TYSON FOOOS IIC SR NTS |  | -09/25/2018 | Mozan STMMEY \& Co. Inc. |  | 4999305 <br> 653018 <br> 60 | $\begin{array}{r}.500,000 \\ 715000 \\ \hline\end{array}$ |  | 2FE |
| ${ }^{9} 9$ |  |  |  | US AAK NA |  | 653,918 240 , 198 | 715000 20000 |  | ${ }_{1 / 2 \mathrm{E} \text {, }}^{1}$ |
| (404280-AY-5 |  | D |  | Various, |  | $\begin{array}{r}3,899,366 \\ 14.384 \\ \hline\end{array}$ | 3,955,000 |  | 1 FE |
|  |  |  |  | $\left\lvert\, \begin{aligned} & \text { madke } \\ & \text { waREET AXESSS }\end{aligned}\right.$ |  | 1144,384 <br> 841,24 | 180,000 |  | ${ }_{\text {1FE }}^{1 / 2}$ |
| 3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) |  |  |  |  |  | 40,12, 575 | 39,45,000 | 303,635 | XXX |
| 8399997. Total - Bonds - Part 3 |  |  |  |  |  | 377,919,229 | 372,954,787 | 1, 146,653 | XXX |
|  |  |  |  |  |  | xxx | xxx | Xxx | XxX |
| 8399999. Total - Bonds |  |  |  |  |  | 377,919,229 | 372,954,787 | 1,146,653 | XXX |
| 8999997. Total - Preferred Stocks - Part 3 |  |  |  |  |  |  | XXX |  | XXX |
| 8999998. Total - Preferred Stocks - Part 5 <br> 8999999. Total - Preferred Stocks |  |  |  |  |  | XXX | XXX | XXX | XXX |
|  |  |  |  |  |  |  | XXX |  | XXX |
| 4888-10-1-1.-1 | APARTIUNT INESTIEN ANO MGGIT 00 |  | ${ }^{0.08788 / 2018}$ | IILIIAM BLAIR \& Co | 7,330.000 | 317,585 |  |  |  |
| $053484-10-1$ $05550 \mathrm{~J}-10-1$ |  |  | -09726/2018 |  | $\begin{array}{r}\text { 4, } \\ 30,1836000 \\ \hline\end{array}$ | 790, 793686 <br> 18 |  |  |  |
| 09788-10-0 | boanales inc. |  | - 099/28/2018 | Sanford C. Bernstein \& Co. | 68,880.000 | 1,090, 198 |  |  |  |
| ${ }^{111355-10-1}$ |  |  | .0725/2018 |  | 3,464.000 | 779,244 |  |  |  |
| $\left.\right\|_{1} ^{112822-10-10-3}$ | ( ${ }^{\text {and }}$ |  |  | $\int_{\text {Sanford }}$ C. Bernster in 8 |  | -1610,40 |  |  |  |
| 146229-10-9 | CAATER'S INC |  | - 09/26/2018 | B. RILEE FINAMCILL | 21,664.000 | 2, 101,020 |  |  |  |
| 220027-10-8 | COOPOOATE OFF ICE PROPEETIES TRUST |  | .07/20/2018 | Sanford C. Bernstein 2 co. | 87,57.000 | 2,563,621 |  |  |  |

SCHEDULE D - PART 3

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

SCHEDULE D - PART 4


SCHEDULE D - PART 4


SCHEDULE D - PART 4

| ${ }^{1}$ | Description | For- | 4 | 5 | 6 | 7 | 8 | Actual | 10 | Change In Book/Adjusted Carrying Value |  |  |  |  | 16 | 17 | 18 | 19 | 20 | 21 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | 11 | 12 |  |  |  |  |  |  |  |  |  | NAIC |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Change in Book/ | Foreign Exchange | Book |  |  |  |  |  | Designation |
|  |  |  |  |  |  |  |  |  | Prior Year |  | Current | Other Than | Adjusted | Change in | Adjusted | Foreign |  |  | Interest/ | Stated | or |
|  |  |  |  |  | Number of |  |  |  | Book/ Adjusted | Unrealized Valuation | Year's (Amor- | Temporary Impairment | Carrying Value | $\begin{gathered} \text { Book } \\ \text { IAdjusted } \end{gathered}$ | Carrying Value at | $\underset{\text { Gain }}{\text { Exchang }}$ | $\begin{aligned} & \text { Realized } \\ & \text { Gain } \end{aligned}$ | Total Gain | Stock Dividends | Contractual | $\begin{aligned} & \text { Market } \\ & \text { In- } \end{aligned}$ |
| Ident- |  |  | Disposal |  | Shares of | Consid- |  |  | Carrying | Increase/ | tization)/ | Recog- | (11+12- | Carrying | Disposal | (Loss) on | (Loss) on | (Loss) on | Received | Maturity |  |
| ification |  | eign | Date | of Purchaser | Stock | eration | Par Value | Cost | Value | (Decrease) | Accretion | nized | 13) | Value | Date | Disposal | Disposal | Disposal | DuringYear |  | (a) |
| -3617741-62-0 | GNMA Pool 770016 |  | . $09917 / 2 / 2018$ | PRINCIPAL RECEIPT |  | 59, 299 90406 | 59, 299 909 906 | 61,930 <br> 90,053 <br> 109 | 61,049 9060 900 |  |  |  | (1, ${ }_{\text {cke }}^{(1,750)}$ |  | .59,299 |  |  |  | ¢ | ${ }^{\text {a }}$ |  |
| -38374L-A5-2-2 |  |  | -09917/2018 | PPINCCPALL LEEECPT |  | 90,406 112,50 | 90,406 112.50 |  | ce.90,602 |  |  |  |  |  |  |  |  |  |  | ${ }^{\text {a }}$ |  |
| -383770-W-4 | GNMA AEIICS SER $2011-25$ a No |  | 09/17/2018 | PRIMCIPAL REEEIPT |  | ${ }_{750,672}$ | .750,672 | -.749, 382 | .749,306 |  | 1,366 |  | 1,366 |  | ${ }_{750,672}$ |  |  |  | ${ }_{\text {i9, } 983}$ | 12/16/2039 |  |
| . $383766-16-6$ | OMIA REIICS SER $2011-38$ CLASS $B$ |  | .09/17/2018 | PRINCIPAL RECEIPT |  | 210,294 | 210,294 | 236,408 | 214,537 |  | (4,243) |  | (4,243) |  | 210,294 |  |  |  | 6,557 | 12/16/2049 |  |
| . $383766-113-0$ | GIMA AEIICS SER 20011-86 CL B |  | .09/17/2018 | PRINCCPAL REEEPIPT |  | 91,075 | 91, 915 | ${ }^{93,807}$ | ${ }^{9,1,512}$ |  | (437) |  | (437) |  | ${ }^{91,075}$ |  |  |  | 1,613 | . $02 / 161 / 2041$ |  |
| -387888E11-7 |  |  | 07/16/2018 | PRINCIPAPA AEEEPTP |  | 2, ${ }^{21616,932}$ | -2,716,932 | 2.744, 101 | 2,722,903 |  | (5,971) |  | (5,971) |  | 2,716,932 |  |  |  | cis, 413 | ${ }^{-12 / 161 / 2040}$ |  |
| - $\begin{array}{r}\text {-38737T-60-8 } \\ -38388-44 \\ \hline\end{array}$ |  |  | -09920/2018 | PPINCIPAL LEEEEPT |  | $\begin{array}{r}102,567 \\ \hline 612,122\end{array}$ | $\bigcirc$ | $-\quad$106,845 <br> $-\quad . \quad 615,183$ | $-\quad . \quad 105,348$ $-\quad .613,132$ |  | ${ }_{(11,010)}^{(2,782)}$ |  | - $\begin{array}{r}(2,782) \\ -\quad(1,010)\end{array}$ |  | ${ }^{-102,567}$ |  |  |  |  | ${ }^{.02212 / 2023} \mathbf{0 4 / 1 6 2 0 4 3}$ |  |
| -38378N-FL-2 | GMMA AEIICS SER 2013-158 AB |  | -09/17/2018. | PRIMCIPAL REEEIPT |  | 43,599 | 43,599 | 46,150 | .44,943 |  | (1, 344) |  | (1,344) |  | 43,599 |  |  |  |  | .08/16/2053 |  |
|  | GNMA AEIICS SEP $2013-53 \mathrm{CL}$ KA |  | 09/20/2018 | PRINCCPAL REEEPPT |  | 500,467 | 506,467 | .522,610 | . 517,081 |  | (10,615) |  | (10,615) |  | 506,467 |  |  |  |  | 10120/2041 |  |
| -383780-10-3 | OMNA AEIICS SER 20013.60 CL CL |  | -09920/2018 | PRIICCPAL LeEEPT |  |  | -154,221 | - 1266,432 | -155,706 |  | (1, 4866) |  | ${ }_{(1,466)}^{(1,48)}$ |  |  |  |  |  |  | ${ }^{-11 / 20 / 2041}$ |  |
| - $\begin{array}{r}\text { 38377T-AL-4 } \\ .38378-C-6-6\end{array}$ | CNA AEEIICS SEE 2013-71 CL LA |  | -09920/2018 | PPINCCPAL LEEEP PT |  | 99,404 77,429 | .99,404 77,29 | $\begin{array}{r} 100,34 \\ \hline \end{array}$ | ${ }^{.999,970}$ |  | (156) |  | (1566) |  | $\begin{array}{r}\text { 9, } \\ 77,404 \\ \hline 7.429\end{array}$ |  |  |  | -1,749 | ${ }^{.10120 / 2042}$-02/162039 |  |
| -38378X-G-1 | OWA PEIICS SER 2014-112 $\alpha$ AB |  | 09/17/2018. | PRIINCIPAL LeGEIPT |  | 1,329, 120 | 1,329, 120 | 1,354, 092 | 1,336,943 |  | (7,823) |  | (7, 823) |  | 1,329, 120 |  |  |  |  | 12/16/2040 |  |
| . 383788 -N-7 | OMM REEMCS SEC 2014-135 CL AK |  | .09/17/2018 | PRINCIPAL RECEEPT |  | 23,243 | ${ }^{23,243}$ | 24,104 | -23,984 |  |  |  |  |  | 23, 243 |  |  |  |  | .08/16/2055 |  |
| -383780-UA-9 |  |  | -09917/2018 | PPINCIPAL REEEPT |  |  | ${ }_{20,505}^{45,129}$ | 4.5369 20.412 | 45, 242 <br> 20.42 <br> 12 |  | (113) ${ }_{93}{ }_{93}$ |  |  |  | 45,129 <br> 20,505 |  |  |  | ${ }_{641}^{648}$ | - |  |
| -38388-44 |  |  | -0917/2018 |  |  | 2,764,288 |  | 2,760,514 | - ${ }_{\text {2,761,921 }} \mathbf{2 0 , 4 2 1}$ |  | 2,366 |  | 2,366 |  | - $2.764,288$ |  |  |  |  | (0) |  |
| -38379K-89-8 | GMMA EEIICS SER 2015-115 AC |  | -09/17/2018 | Princlipal Reeelpt |  | 527,920 | -527,920 | .535,921 | .532,951 |  | (5,032) |  | (5,032) |  | 527,220 |  |  |  | 9,310 | .07/16/2051 |  |
| - $383796-1800$ | GMNA REIICS SER 2015-128 CL AJ |  | -09117/2018 | PPIICCIPAL REEEEPT |  | $\begin{array}{r}21,925 \\ 203 \\ \hline 230\end{array}$ | $\begin{array}{r}21,925 \\ 20320 \\ \hline 230\end{array}$ | $\begin{array}{r}\text { 22,318 } \\ \hline \quad 201454 \\ \hline-2,44\end{array}$ | - $\begin{array}{r}22,226 \\ 2020 \\ \hline 0\end{array}$ |  |  |  | (1300) |  | $\begin{array}{r}\text { 21, } \\ \\ 2025 \\ 2023 \\ \hline\end{array}$ |  |  |  |  | - $11 / 11672055$ |  |
| $\begin{aligned} & .38379-60-5-5 \\ & .38396-3 N-6 \end{aligned}$ |  |  | .09917/2018 | PPINCIPAL LeEEPIPT |  | ${ }^{203,230} 98121$ | $\begin{array}{r} 203,230 \\ \hline \end{array} \quad .98421$ | $\begin{array}{r} 201,454 \\ -.-98,714 \end{array}$ | $\begin{aligned} & 202,073 \\ & 98,615 \end{aligned}$ |  |  |  | $\begin{array}{r} 1,1,156 \\ -(193) \\ \hline \end{array}$ |  | [03,230 |  |  |  |  | . $044116 / 2056$ |  |
| . $38379 \%$-611-5 | OWIA AEIICS SER 2015-171 CL EA |  | -09/17/2018. | PRIMCIPAL REEEIPT |  | 120,769 | 120,769 | 120,363 | 120,494 |  |  |  |  |  | 120,769 |  |  |  |  | 12/16/2052 |  |
| - 3 38730-CP-7 | OMIA REIICS SER 2015-58 Ca VA |  | . $09917 / 2018$ | PPINCCIPAL RECEEPT |  | 88,288 <br> 8.980 | 88,288 | $\begin{array}{r}89,868 \\ \hline \quad 88988\end{array}$ | 86,161 <br> 1898 |  |  |  | 2, 126 |  | ${ }^{88,288}$ |  |  |  |  | . $101161 / 2038$ |  |
| -38379-TT-5 | CWMA AEIICS SEE 2015-93 Cass AB |  | -09917/2018 | PPINCIPAL LEEEEPT |  | 49,930 <br> 61,199 <br> 180 | 49,930 $-\quad 61,991$ |  | $\begin{array}{r}49,788 \\ \hline \quad 62.047 \\ \hline\end{array}$ |  | -142 |  | 142 <br> $-\quad 142$ <br> $-\quad(56)$ |  | 49,930 61,991 |  |  |  |  | ${ }^{\text {a }}$ |  |
| -383790-78-2 | OWNA AEMICS SER 2016-72 CL AB |  | -09/17/2018 | PaIMCIPAL LeEEEPT |  | ${ }^{38} 8.499$ | - $\quad 38,499$ | - - 38,838 | -38,754 |  | - $\quad$-(1255) |  | - $-\quad$ - ${ }^{(255)}$ |  | ${ }_{38,499}$ |  |  |  | 586 | .04/16/2049 |  |
| -690353-88-1 | OUERSEAS PRIVATE INC COPP. |  | .08/06/2018. | Princliphl ReEIPT |  | .35,622 | . 35.622 | ${ }_{35,622}$ | ${ }^{3145,622}$ |  |  |  |  |  | ${ }_{35,622}$ |  |  |  |  | 07/31/2033 |  |
| 79724-4B-8 | SAN CLEVIENE LEASING LLC SEC NTS |  | .09077/2018 | various |  | 142,900 | 142,900 | 142,900 | 142,900 |  |  |  |  |  | 142,900 |  |  |  | 3,734 | .06/07/2022 |  |
| . $83162 C-2 A-4$ | SBA SER 2017-20L |  | .08/31/2018 |  |  | 28,304,533 | 29,407,307 | 29,407,307 | 29,407,307 |  |  |  |  |  | 29,007,307 |  | -(1, 102,74) | (1, 102,774) | 604,935 | 12/01/2037 |  |
|  | US SBA DEB PART CER SER SBIC 2014 |  |  | PRINCIPAL RECEIPT PRINCIPAL EECEIPT |  |  |  |  | $1,630,363$ |  |  |  |  |  |  |  |  | (30,358) <br> $(28,645)$ |  |  |  |
|  | US S PA PART CRET SEE 2013-201 - |  | -09904/2018 | PRIINCIPAL RECEIPT PRINCIPAL RECEIPT |  | $\begin{aligned} & .912,096 \\ & .118,241 \\ & \hline 182 \end{aligned}$ | $\begin{array}{r} .912,096 \\ -118,241 \end{array}$ | $0.964,905$ | 941,726 118,241 |  | .(985) |  | . 1985 ) |  | $\begin{array}{r}\text { +190,741 } \\ \hline 118,241 \\ \hline 1\end{array}$ |  | (28,645) | (28,645) | 46,05 4,085 4 | ${ }^{.09701 / 2033}$ |  |
| -83162C-XE-8 | US SBA PART CERT SERIES 2015-20H. |  | 08/01/2018 | Princlipal recelpt |  | 276,682 | 276,682 | 276,682 | 276,682 |  |  |  |  |  | 276,682 |  |  |  | 11,089 | .08/01/2035 |  |
| 83162C-118-5 | US SAA PART CEFTIF SER 2014-203 |  | .08/01/2018 | PRINCCPAL REEEPT PT |  | ${ }^{241,638}$ | ${ }^{241,638}$ | ${ }^{-241,638}$ | . 241,638 |  |  |  |  |  | ${ }^{241,638}$ |  |  |  | 10,040 | 02/01/2034 |  |
| -83162C-10-1 | US S SA PAFTIC CERTII SER $2014-200$ |  | -09904/2018 | PPINCCPAL LeECPT PT |  | $\begin{array}{r}409,285 \\ \hline 65,156\end{array}$ | $40,20,285$ <br> 65,156 |  | $\begin{array}{r}\text {. } 410,488 \\ \hline 65156 \\ \hline\end{array}$ |  | -.(39) |  | (39) |  | 410,49 66,156 |  | $(1,164)$ | (1, 164) |  | ${ }^{.03101 / 2334}$ |  |
| -83162C-PA-8 | U S SBA SB1C-PC SER 2005-206 |  | -07/05/2018 | Princlipal Reeelpt |  | 98,786 | -98,786 | 98,786 | .98,786 |  |  |  |  |  | ${ }_{98,786}$ |  |  |  | 4,692 | -07/01/2225 |  |
| -83162-PH-0 | U S SBA silicps 2005-208 |  | .08/01/2018 | PRINCCPAL AEEEPT |  | 140,845 | ${ }^{140,885}$ |  | ${ }^{140,885}$ |  |  |  |  |  | 140,845 <br> 12,554 <br> 104 |  |  |  |  | . $02 / 01 / 212025$ |  |
| . 8 831620-02-8 | US SBA SER 2006-200 |  | .09/04/2018 | PPIICIPAL REEEPT |  | $\begin{array}{r}128,026 \\ \\ \text { 288 } \\ \hline 230\end{array}$ | +188,026 |  | -126,439 |  |  |  |  |  | -126,554 |  | (19,972 | 1,472 | $\begin{array}{r}7,131 \\ \hline 3.656 \\ \hline\end{array}$ | . $03301 / 20206$ |  |
|  | US SBA SER 2009-201 |  | -09704/2018 | PPINCLPALL LeEEPIPT |  | $\xrightarrow{2875,2309}$ |  |  | -388, 145 <br> .455 <br> 169 |  |  |  |  |  | 307,147 <br> 475,169 |  |  | (19,918) |  | -09/01/2029 |  |
| .83162C-TX-1 | US SBA SER 2011-200 |  | -09004/2018 | PPIICIPAL REEEPPT |  | 4566.800 256.64 |  |  | -456.860 <br> 256.644 |  |  |  |  |  |  |  |  |  | 22, 259 | ${ }^{03301 / 2031}$ |  |
| . $8381620-\mathrm{CY}-4$ | US SBA Ser 2016-20H |  | - $08 / 01 / 2018$ | PPINCIPAL LeEEPIPT |  | $\xrightarrow{25656,648}$ | 256,644 <br> $.274,288$ | .256, $\ldots$ 274, 2688 | $\begin{gathered} 255,644 \\ -274,288 \end{gathered}$ |  |  |  |  |  | ${ }_{2}^{257,4268}$ |  |  |  |  | ${ }^{088 / 01 / 2036}$ |  |
| 83162C-711-9 | U S SBA SER 2017-200 |  | -09/01/2018. | various |  | 20,049,256 | 20,448,880 | - 20,448,880 | - 20,48, 888 |  |  |  |  |  | 20,48, 888 |  | (399,624) | (139, 624) | 644,836 | .03/01/2037 |  |
| ${ }_{\text {- }}^{\text {8 }}$ | US S SA SER 2017-20] |  | -08/31/2018 | varlous |  | $\begin{array}{r}14,780,430 \\ \hline 31,448,645 \\ \hline\end{array}$ | . 15, 129, 264 .33,000,000 | $\begin{array}{r} 15,129,264 \\ -\quad 33,000,000 \end{array}$ | $\sim_{-\quad . \quad .15,129,264}^{-\quad .}$ |  |  |  |  |  | -15,129, 264 $33,000,000$ |  |  |  | 520,181 609.118 | ${ }^{.07 / 01 / 2237}{ }^{01 / 1212038}$ |  |
| -83162C-2F-3 | US SAA SER R 2018-208 |  | -08801/2018 |  |  |  |  | $\begin{array}{r}133,000,000 \\ \hline .5388 \\ \hline\end{array}$ |  |  |  |  |  |  |  |  |  |  |  | 02/1/2038 |  |
|  | US SBA SER SBIC 2009-108 |  | -091/1/2018 | PPIICIPAL LEEEEPT |  | $\begin{array}{r}\text { 295, } 217 \\ \hline 1.764 .198\end{array}$ | -295,217 | -295,217 | ${ }^{2} 2959.217$ |  |  |  |  |  | -295,217 |  |  |  | -12,497 | -091/1/2019 |  |
| ${ }_{\text {- }}^{83364641-7-6-5}$ | US S SA SER SBIC 2014-108 |  | -09910/2018 |  |  | $\begin{array}{r}1,64,98 \\ -\quad .731,050 \\ \hline\end{array}$ | $\begin{array}{r} -. . .764,198 \\ -\quad-\quad . \quad 71,050 \end{array}$ |  | $\begin{aligned} & 1,764,198 \\ & . .731,050 \end{aligned}$ |  |  |  |  |  | $\begin{array}{r} 1,764,198 \\ \hline 731,050 \\ \hline \end{array}$ |  |  |  |  | ${ }^{\text {a }}$ |  |
| - 8 83162-P9-6 |  |  | -0801/2018 | PPIICIPAL REEEEPT |  |  | $\begin{array}{r}\text { 230, } \\ \\ 5883 \\ \hline 8.871\end{array}$ | $\begin{array}{r}\text { 222, } 284 \\ -\quad 5881 \\ \hline\end{array}$ | 226,296 $-\quad 58,871$ |  | - - - $\quad 26$ |  | 269 |  | $\begin{array}{r}226,566 \\ \hline 58871 \\ \hline 8.81\end{array}$ |  | 3,817 | - - - $\quad$ - 3,817 | $\xrightarrow{111,73}$ | . $08.101 / 2025$ |  |
| - $8831620-10-1$ | Us SBA SER SBIC-PS $2003-20$ |  | - | PPIINCIPAL REEEEPT |  | ${ }^{\text {- }}$ 29,8883 |  | $\begin{array}{r} -\quad-\quad 58,871 \\ -\quad-\quad-\quad .51,538 \end{array}$ | $\cdots$ |  | 855) |  |  |  | $\begin{array}{r} .58,871 \\ .29,683 \end{array}$ |  |  |  |  |  |  |
| ${ }_{831628-68}$ | P Pool |  | -09/25/2018 | PRIICIPAPL RE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -05/55/2038 |  |

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{6}{*}{Description} \& \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]{4}{*}{9} \& \multirow[b]{4}{*}{Prior Year} \& \multicolumn{5}{|r|}{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]{3}{*}{\begin{tabular}{c|}
\hline 22 \\
NAIC \\
Desig- \\
nation
\end{tabular}} \\
\hline \& \& \& \& \& \& \& \& \& \& \multirow[t]{3}{*}{} \& \multirow[t]{2}{*}{12} \& \& \multicolumn{2}{|l|}{\begin{tabular}{|l|l|}
\hline 14 \& 15 \\
\hline
\end{tabular}} \& \& \& \& \& \& \& \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& Current
Year's \& Change in Book/ \& Foreign \& \& \& \& \& Bond \& \& \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& Other Than \& Adjusted \& Change in \& Adjusted \& Foreign \& \& \& Interest/ \& Stated \& or \\
\hline \& \& \& \& \& \& \& \& \& Book/
Adjusted \& 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- \\
\hline Ident- \& \& \& Disposal \& Name \& Shares of \& sid- \& \& Actual \& Adjusted
Carrying \& Valuation \& tization)/ \&  \& (11+12- \& TAdjusted
Carrying \& Disposal \& (Loss) on \& (Loss) on \& (Loss) on \& Received \& Maturity \& \\
\hline ification \& Description \& eign \& Date \& of Purchaser \& Stock \& eration \& Par Value \& Cost \& Value \& (Decrease) \& Accretion \& nized \& 13) \& Value \& Date \& Disposal \& Disposal \& Disposal \& DuringYear \& Date \& (a) \\
\hline \(3{ }^{\text {3132xs-UC-2 }}\) \& FREOOIE M MAC POOL \# 050578 \& \& -09917172018 \& PRIICCIPAL REEEIPT \& \& 276,496 \& \({ }^{276,496}\) \& \({ }^{289,716}\) \& \({ }^{289,563}\) \& \& (13,067) \& \& (13, 0671 \& \& 276.496 \& \& \& \& \& 09/1012007 \& \\
\hline . \(313220-68-2\) \& FREDOIE Mac Poul 0502015 \& \& . \(099177 / 2018\) \& PRICCOPAL AECEPT \& \& -134,493 \& \(\begin{array}{r}134,493 \\ \hline 1328 \\ \hline\end{array}\) \&  \& +138,204 \& \& (3,711) \& \& (3,711) \& \& -134,493 \& \& \& \& \& \({ }^{11 / 01 / 2047}\) \& \\
\hline -3132XUG-63-3 \& FREOOE MAC POO \# 052017 \& \& -09717/2018 \& PPINCCPAL LEECEIPT \& \&  \& \({ }_{\text {F33,331 }}\) \& - 560,747 \& -13,965
\(.560,280\) \& \& \& \& (26,949) \& \& 13,280
533,31 \& \& \& \& \& - \(11 / 01 / 2047\) \& \\
\hline -31320UCK-4 \& FREEOIE YAC POOL \# 052093 \& \& -09/17/2018 \& PRiIMCPAL ReCEIPT \& \& - \({ }^{\text {53, }} 10.516\) \& -199,516 \& \({ }^{-5050} 5\) \& -205,546 \& \& (16,029) \& \& -16,029 \& \& \& \& \& \& \& 11/01/2047 \& \\
\hline \({ }^{3} 3132 \mathrm{XV}-\mathrm{KT}-1\) \& FFEEDIE M1AC POOL \# 552105 \& \& -09/17/2018 \& Princlpal ReEEPT \& \& \({ }^{82} 2.539\) \& \({ }_{82,539}\) \& \({ }_{86,653}^{20,04}\) \& \({ }_{86,871}\) \& \& (4,332) \& \& (4,332) \& \& \({ }^{82,539}\) \& \& \& \& \& 11/01/2047 \& \\
\hline 31322V-BZ-5 \& FREDIE M1MC Pool \# 5 5275 \& \& -09177/2018 \& PRINCCPPL \& \& \begin{tabular}{l}
20.949 \\
\hline 1578
\end{tabular} \& 20,949 \& \({ }^{22,019}\) \& 22,016 \& \& (1,066) \& \& - (1,066) \& \& 20.949
1578 \& \& \& \& \& 12/01/2047 \& \\
\hline 3 \(3132 \mathrm{SV} \mathrm{V}=8\) - \&  \& \& -0991772018 \& PPINCCPAL LeEEPT \& \& [115,778 \&  \&  \& \& \& (3,030) \& \& \(\cdots\) \& \& [11.778 \begin{tabular}{l}
1133 \\
\hline 7.1
\end{tabular} \& \& \& \& \& \({ }^{121 / 012047}\) \& \\
\hline  \& FREDODIE MACC Pod \# 533703 \& \& -09/17/2018 \& Princlpal Reelp \& \& 13,310 \& --173,310 \& \(\bigcirc\) \& \& \& -(208) \& \& (208) \& \& \({ }_{13,310}\) \& \& \& \& \& 01/01/2048 \& \\
\hline \(312880-0 \mathrm{O}-2\) \& FREODIE MACC POOL H096618 \& \& .09/17/2018 \& Princlipl ReEEIPT \& \& 979 \& 979 \& \& 979 \& \& \& \& \& \& 979 \& \& \& \& \& 05/01/2021 \& \\
\hline - \(452028-\mathrm{CL-3}\) \& ILIINIS ST HSG DEV 2016 SER \(A\) \& \& . \(09004 / 2018\) \& CALLED \& \& 26,021

68509 \& 26,021 \& 26,021 \& \& \& \& \& \& \& 28,021 \& \& \& \& \& 03/01/2048 \& <br>
\hline - 468417 -AA-3 \& JP MORGAN (INDIANA HSE) HAA TRUST \& \& -090/772018 \& PAILCLPALL REEEIPT \& \& 46,579
310,000 \&  \& ${ }_{\text {-322, } 617}^{48,59}$ \& 48,370
321,286 \& \& \& \& \& \& 48,322
320,581 \& \&  \& ${ }_{(10,581)}^{(1,753)}$ \& \& $11 / 27 / 2038$
$07 / 01 / 2037$ \& |le <br>
\hline 49130T-UR-5 \& KENTUCKY ST HSG COAPP Bos 2016 A \& \& -08/22/2018 \& Called \& \& 465,000 \& 465,000 \& - - - ${ }^{482,768}$ \& 488, 4040 \& \& (11, 1030 \& \& - (1,030) \& \& ${ }_{479,010}$ \& \& $(14,010)$ \& (14,001) \& \& 01/01/2040 \& 1 FE <br>
\hline -56627-80-2 \& LOUISIANA ST HSG COPR SF ITG 2015 F \& \& .09904/2018 \& PRINCPPAL REEEEIPT \& \& 119,315 \& - - $-119,315$ \& - - -19,315 \& - 119,315 \& \& \& \& \& \& 119,315 \& \& \& \& 2,426 \& 12/01/2038 \& <br>
\hline - $5646270-1 / 20$ \& LOUSIAAL ST HGG Cone sp ITGE 2016 \& \& - $0.09077 / 2018$ \&  \& \&  \&  \&  \&  \& \& \& \& \& \& $\begin{array}{r}70,558 \\ 5.765 \\ \hline 185\end{array}$ \& \& \& \& \& +12/01/2038 \& TEE <br>
\hline -575830-UR-0 \&  \& \& -0991772018 \& PPINCCPAL LeEEPIPT \& \& -151.745 \& -151,745 \&  \& - 151.745 \& \& \& \& \& \&  \& \& \& \& \& - $01 / 1 / 2 / 2046$ \& 17E <br>
\hline -606378-2N-8 \& MISSOURI ST HGG DEV 2013 SER A \& \& -0904/2018 \& Called \& \& 245,000 \& $\cdots$ \& - - ${ }^{245,840}$ \& - 2445,242 \& \& \& \& \& \& ${ }_{245,166}$ \& \& \& (166) \& \& ${ }^{11101 / 2040}$ \& 1 FE <br>
\hline 600737-CP-3 \& WISSOUR ST HGG DEV 2013 SEEA A. \& \& .09004/2018 \& CALLED \& \& 125,000 \& -125.000 \& - 125,500 \&  \& \& (38) \& \& \& \& ${ }^{125,156}$ \& \& \& (156) \& \& ${ }^{11 / 1 / 1 / 2041}$ \& <br>
\hline  \&  \& \& -09004/2018 \& PPINCCPAL LEEEEPT \& \& 101,854
1077

107 \&  \& | $\quad 101,854$ |
| ---: |
| $-\quad-\quad 197,105$ |
| $-\quad 1$ | \& \[

$$
\begin{aligned}
& -101,894 \\
& .197,105
\end{aligned}
$$
\] \& \& \& \& \& \& 101,854

197,105 \& \& \& \& ${ }^{1} 10.685$ \& - $10 / 1 / 1 / 2034$ \& 1 FE <br>
\hline -677377-2P-7 \& OHIO HGG FIN PEV BanOS 2016 SER 1 \& \& -09904/2018 \& Called \& \& 90,000 \& 90,000 \& 90,000 \& 90,000 \& \& \& \& \& \& 90,000 \& \& \& \& \& 11/01/2041 \& $1{ }^{1}$ <br>

\hline 67737-211-4 \& OHIO ST HSG FIN AGY 2013 SER 2 \& \& .09/04/2018 \& ChLLED \& \& 335,000 \& -335,000 \& - $\quad 3350000$ \& -335,000 \& \& \& \& \& \& | 335,000 |
| :---: |
| 11000 | \& \& \& \& - 6.6 .026 \& 11001/2041 \& IFE <br>

\hline  \& OLA \& \& - $0.09 / 04 / 2018$ \& Vatious \& \& 111,000

195000 \& \begin{tabular}{r}
a <br>
\hline 110,000 <br>
195000

 \& $\begin{array}{r}\text { 110,000 } \\ \hline-197.607 \\ \hline 1.608\end{array}$ \& $\begin{array}{r}\text { +10,000 } \\ \hline 195.874 \\ \hline 1\end{array}$ \& \& \& \& \& \& 

110,000 <br>
195.608 <br>
\hline

 \& \& \& \& 

1.1 .500 <br>
\hline 4.300 <br>
4
\end{tabular} \& -09/01/2041 \& $\underset{\text { 1FE }}{\substack{\text { RFE }}}$ <br>

\hline  \&  \& \& -09004/2018 \& ${ }_{\text {cha }}^{\text {CaLlLED }}$ \& \& 195,000

140,000 \& $\begin{array}{r}195000 \\ \hline \ldots .140,000\end{array}$ \& $$
140,000
$$ \& 195,874 40,00 \& \& (267) \& \& (267) \& \& 195,008

140,000 \& \& (608) \& - - - - - (608) \& | 4,390 |
| :--- |
| 2,756 | \& -09/01/2041 \& <br>

\hline -88275-NT2-8 \& TEXAS ST DEPT OF HSG 2017 SER B \& \& .09904/2018 \& PRIMCIPAL ReEEIPT \& \& 131,307 \& -131,307 \& --.113, 307 \& 131,307 \& \& \& \& \& \& 131,307 \& \& \& \& \& 09/1/2038 \& IFE <br>
\hline 88875-1N-9 \& TEXAS ST Depr of hig sp rev 2015 \& \& .09904/2018 \& CALLED \& \& 170,000 \& 170,000 \& -170,000 \& 170,000 \& \& \& \& \& \& 170,000 \& \& \& \& \& 09/01/2039 \& <br>

\hline -88275--NT-2 \& TEXAS ST HGG ITG BDS 2013 SEEA A. \& \& . $09004 / 2018$ \& CALLED \& \& | 150,000 |
| ---: |
| 105 |
| 900 | \& 150,000 \& - .150,000 \& 150,000 \& \& \& \& \& \& 150,000 \& \& \& \& \& ${ }^{03 / 121 / 2036}$ \& <br>

\hline -93977XX-ER-7 \&  \& \& -09004/2018 \& ${ }_{\text {cta }}$ CALLLED \& \& 95,000

90,000 \& $$
\begin{array}{r}
.95,000 \\
. .90,000
\end{array}
$$ \& \[

$$
\begin{array}{r}
.950,000 \\
.90,000
\end{array}
$$

\] \& .95,000 .90,000 \& \& \& \& \& \& \[

$$
\begin{array}{r}
.95,000 \\
.90,000
\end{array}
$$
\] \& \& \& \& \& 05/1/2041

$09 / 01 / 2040$ \& ${ }_{1 / \mathrm{FE} \text {, }}^{\text {1/ }}$ <br>
\hline 3199999. \& Subtotal - Bonds - U.S. Special Reven \& ues \& \& \& \& 160,054,914 \& 160,770,45 \& 161,079,181 \& 8,188,296 \& \& (199, 285) \& \& (195,285) \& \& 160,87, 407 \& \& $(823,493)$ \& (823,493) \& 1,275,076 \& XXX \& XX <br>
\hline \& AGATE BAY MTG TRUST 2015-5 CL A9 \& \& -09/5/2018 \& $\mid$ PRINCCPPL LeCEIPT \& \& +175, 17.56 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 00842T-AD-0

$\cdots 0042 V-A E-3$ \& AGATE BAY MTG Trust 2016-1 al a4 \& \& -099/2/2018 \& PPINCCPAL LEECEIPT \& \& | [71,557 |
| :--- |
| 326,69 | \& | [71,557 |
| :--- |
| 38691 | \& $.70,618$


$.377,114$ \& | 70, 648 |
| :--- |
| .35592 | \& \& \[

[(6,909)
\] \& \&  \& \& $\begin{array}{r}71,57 \\ \hline 328,691\end{array}$ \& \& \& \& -1,254 \& ${ }^{12 / 25 / 2045}{ }_{08 / 25 / 2046}$ \& ${ }_{\text {a }}^{\text {IFM, }}$ <br>

\hline -037411-80-6 \& APaCHE CORPOAATION NOTES. \& \& . $088 / 22 / 2018$ \& TENDEEED \& \& 2,894,735 \& 2,978,000 \& 2,962, 187 \& 2,969,600 \& \& \& \& \& \& 2,970,607 \& \& (75,872) \& (75,872) \& 88,641 \& 01/15/2023 \& 2 FE <br>
\hline  \& BAMK Of Ner Yook velion \& \& -08/3012018 \& MaARET AXESS \& \& ${ }_{\text {che }}^{3,355,834}$ \& -3,360,000 \& -3,356, 270 \& 3,359,102 \& \& \& \& \& \& 3,359,607 \& \& - ${ }_{(3,773)}$ \& $\ldots(3,773)$ \& 73,200 \& 03/042019 \& IFE <br>
\hline . $0733301-A D-7$ \& BaACCH BAMK INQ \& Truse co \& \& - $0.09 / 7 / 72018$ \&  \& \& 3, 3135,000

947,670 \& $\begin{array}{r}\text { 3,135,000 } \\ \hline 947.670\end{array}$ \& $\begin{array}{r}\text { 3,134,373 } \\ \hline 914,205 \\ \hline\end{array}$ \& $\begin{array}{r}\text { 3, } \\ \text { 3, } 134,898 \\ 999037 \\ \hline\end{array}$ \& \& \& \& \& \& | $3,134,990$ |
| :--- |
| 947670 | \& \& \& \& \& - $10 / 15 / 2018$ \& <br>

\hline 12647P-L-2 \& CaEEIT SUISSE ITG TTUUT SER 2013-7 \& \& -09/25/2018 \& PRINCIPAL ReEEIPT \& \& 52,677 \& ${ }_{52,677}$ \& .53,578 \& -53,493 \& \& \& \& -(886) \& \& ${ }_{552,677}$ \& \& \& \& -1,136 \& 08/25/2043 \& 1 FW <br>
\hline . $3453977-10-9$ \& FOROD NOTOA CPEEIT COIVPANY \& \& .08/30/2018 \& Wells fahbo seuritiles \& \& 1,186,104 \& 1,200,000 \& 1,188,396 \& \& \& 4.634 \& \& 4,634. \& \& 1,193,030 \& \& \& (6,926) \& 24,155 \& 08/12/2019 \& 2 FE <br>
\hline -345397-IV-5 \& FORD DOTOR CREDIT COIPPAN NT \& \& . $088 / 3072018$ \& Ammerst Pierpoint. \& \& - $\begin{aligned} & \text { 3,371, } 576 \\ & 5 \\ & 5718167\end{aligned}$ \& 3,400,000
$\mathbf{5} 777000$ \& 3,40, 972

5779091 \& \& \& \& \& ${ }^{(687)}$ \& \&  \& \& (29,709) \& (29,709) \& | 73,582 |
| :--- |
| 18517 | \& 11/042019 \& <br>

\hline . $345397-Y$ Y-7 \&  \& \& -090/2/2018 \&  \& \& $\underset{\substack{5,718,167 \\ \hline 121,087}}{ }$ \& $\begin{array}{r}\text { 5,77, } 000 \\ \hline-121,087\end{array}$ \& $\begin{array}{r}\text { 5,794, } 61 \\ -\quad .123,054 \\ \hline\end{array}$ \& 5, 794,415
$-\quad .122,344$ \& \& (6, $(1,038)$ \& \& $(6,003)$
$(1,388)$ \& \& $\begin{array}{r}\text { 5,788,412 } \\ \hline-121,087 \\ \hline\end{array}$ \& \& (70,245) \& (70, 245) \& \& - $\begin{aligned} & 01 / 09 / 2 / 220 \\ & 06 / 25 / 2045\end{aligned}$ \& <br>
\hline -46644V-BJ-4 \&  \& \& -09/25/2018 \& PPINCIPAL REEEPT \& \& 108709 \& 108,709 \& ${ }^{-1076,605}$ \& .107,863 \& \& 847 \& \& . 847 \& \& 108,709 \& \& \& \& \& 06/25/2045 \& frill <br>
\hline .46645G-AC-2 \& JP Mogan wita trust 2015-6 aL A3 \& \& -09925/2188 \& Principal mecip \& \& 997,431 \& 97,431 \& 98,695 \& 98,520 \& \& \& \& (11,089) \& \& 97,431 \& \& \& \& 1,977 \& 10/25/2045 \& tril <br>
\hline 46647J-AC-4 \&  \& \& -09/25/2018 \& Princlipl Recelip \& \& 180,880 \& 180,860 \& .183, 149 \& ${ }^{183,042}$ \& \& (2, 182) \& \& - - (2, 182) \& \& 180,860 \& \& \& \& ${ }^{3,703}$ \& 10/252/2046 \& IFW. <br>
\hline 466888-1-40 \&  \& \& .09/5/2018 \& PRINCCPPL \& \& 297, 033 \& $\begin{array}{r}\text { 297,053 } \\ . \\ \hline 98\end{array}$ \& 302,245
$-\quad 30.699$ \&  \& \& (4, 4,0017$)$ \& \& - (4,001) \& \& -297, ${ }^{293}$ \& \& \& \& \& 05/25/2047 \& IFM, <br>
\hline - $466483+1 \times-3$ \&  \& \& -099/2/212018 \& PPINCCPAL LEEEEPT \& \& 98, 938
390,336 \&  \& $\begin{array}{r}\text {-100,669 } \\ \hline 40666\end{array}$ \& $\begin{array}{r}100,444 \\ \hline 407 \\ \hline 183\end{array}$ \& \& $(2,771)$
$(8,597)$ \& \& - (2, 8 ( 8 , 797) \& \& $\begin{array}{r}\text { ab, } \\ 3993 \\ \hline 936\end{array}$ \& \& \& \& 1,997
8.390 \& ${ }^{05 / 25 / 25 / 2047}$ \& $\stackrel{\text { IFW }}{\text { FIM }}$ <br>
\hline 析 \& KCT INT TRAN COAP SER 1998 \& \& .08801/2018 \& yaturity \& \& 369,067 \& 369,067 \& \& 369,067 \& \& \& \& \& \& \& \& \& \& 25,407 \& 08/01/2018 \& <br>
\hline -50076--XX-4 \& KRAFT Fooos cralp InC \& \& -08/23/2018 \& vaturity \& \& 6,155,000 \& 6,155,000 \& 7,186,763 \& 6,297,177 \& \& $(142,777)$ \& \& (142, 177) \& \& 6,155,000 \& \& \& \& \& 08/23/2018 \& <br>
\hline 62953P-A-9 \& NNC TAX LIEN ABS SES 2017-A \& \& . $08 / 101201218$ \& PRINCOPAL REEEPT PT \& \& 1,102,399 \& 1,102,391 \& -1,090,678 \& \& \& \& \& \& \& 1,000, 937 \& \& 11,455 \& 11,455 \& \& 11/10/2030 \& <br>
\hline . $81774511-A A-9$ \& SEDUOIA NTGG TRUST SER 2013-2 a A \& \& .09/25/2018 \& PRINCCPAPL AECEEPT \& \& ${ }^{233,159}$ \& - ${ }^{1233,159}$ \& -216,401 \& 219,025 \& \& 14,134 \& \& 14,134 \& \& ${ }^{233,159}$ \& \& \& \& 2,521 \& 02/25/2043 \& trlu. <br>
\hline .81745L-40-5 \& SEEW01A MTG TRUST SER 2014-4 CL A4 \& \& .09/25/2018. \& PRINCIPAL ReEEIPT \& \& 164,351 \& 164,351 \& 168,794 \& 167,975 \& \& (3,623) \& \& (3,623) \& \& 164,351 \& \& \& \& 3,292 \& 11/25/2044 \& tru. <br>
\hline
\end{tabular}

## SCHEDULE D - PART 4

| 1 | Description | For- | 4 | 5 | 6 | 7 | 8 | ${ }^{9}$ | Prior Year | Change In Book/Adjusted Carrying Value |  |  |  |  | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | 11 | 12 | - 13 | $\begin{aligned} & 14 \\ & \text { Total } \end{aligned}$ | $\begin{gathered} 15 \\ \text { Total } \end{gathered}$ |  |  |  |  |  |  | NAIC |
|  |  |  |  |  |  |  |  |  |  |  |  | Current Year's | Change in | Foreign Exchange | Book/ |  |  |  | Bo |  | Designation |
|  |  |  |  |  |  |  |  |  |  |  | Current | Other Than | Adjusted | Change in Book | Adjusted Carrying | Foreign Exchange |  |  | Interest/ | Stated Con- | $\stackrel{\text { or }}{\text { Market }}$ |
| CUSIP |  |  |  |  | Number of |  |  |  | Adjusted | Valuation | (Amor- | Impairment | Value | IAdjusted | Value at | Gain | Gain | Total Gain | Dividends | tractual | In- |
| Ident- |  |  | Disposal | Name | Shares of | Consid- |  |  | Carrying | Increase/ | tization)/ | Recog- | (11+12- | Carrying | Disposal | (Loss) on | (Loss) on | (Loss) on | Received | Maturity |  |
| ification | Description | eign | Date | of Purchaser | Stock | eration | Par Value | Cost | Value | (Decrease) | Accretion | nized | 13) | Value | Date | Disposal | Disposal | Disposal | DuringYear | Date | (a) |
| 887746-AU-3 | SEOUOIA ITG TRUST SER 2016-2 CLA19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -81746G-AA-1 | SECUOIA MTG TRUST SER 2017-1 CL A1 |  | 09/25/2018 | PRIICCPAL REEEPT |  | ${ }^{265,363}$ | 265,363 - 78 , | 270,629 <br> 281,182 | .270,550 |  | ${ }_{(0,481}^{(5,87)}$ |  | $\xrightarrow{(5,187)}$ |  | .265,363 |  |  |  |  | ${ }^{10 / 25 / 2047}$ - 02 25048 |  |
| -81746-20-3 | SEQUOIA MTG TRUST SER 2018-2 CL A4 |  | 09/25/2018 | PRINCIPAL RECEIPT PRINCIPAL RECEIPT |  | 278,501 <br> 239,238 |  | ${ }_{237}^{281,982}$ | 239,242 |  |  |  | -.(3, 3 , 481 |  |  |  |  |  | 5,066 | -02425/2048 | $\underbrace{17}_{\text {IFU }}$ |
| 3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) |  |  |  |  |  | 31,42,851 | 31,61, 440 | 32,616,314 | 25,77,096 |  | (143,208) |  | (143,208) |  | 31,598,912 |  | (175,060) | (175,060) | 991,191 | XXX | XXX |
| 8399997. Total - Bonds - Part 4 |  |  |  |  |  | 311,757,422 | 315,56, 8,82 | 317, 248, 323 | 123,846,235 |  | (530, 881) |  | (530, 881) |  | 315,73, 3 ,58 |  | (3,975,936) | (3,975,936) | 5,310,213 | XXX | XXX |
|  |  |  |  |  |  | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX | XXX |
| 8399998. Total - Bonds - Part 5 |  |  |  |  |  | 311,757,422 | ${ }_{315,563,820}$ | 317, 248, 323 | 123,846,235 |  | ${ }_{(530,881}$ |  | $\stackrel{(530,881}{ }$ |  | 315,733, 358 |  | $(3,975,936)$ | $(3,95,936)$ | 5,310,213 | 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 |
| 005088-10-2 | ACUITY BRAMOS IIC |  | -08/22/2018 | IIILLIAM BLAII \& 80 | 11,099.000 | 1, 1939,488 |  | 1,327,339 | 1,944,624 | 28, 144 |  | 649,429 | 85) |  | 322,339 |  | 170,109 | .170, 109 | 4,30 |  |  |
|  |  |  | -08/31/2018 |  | 1,388.000 | $\begin{array}{r}1.7,763 \\ \hline 1,572,939\end{array}$ |  | $\begin{array}{r}7.634 \\ \hline .998,149\end{array}$ | $1,789,619$ | (391,470) |  |  | (39, ,47) |  | -998, 149 |  | 574,789 | 574,789 |  |  |  |
|  |  |  | . $08 / 31 / 212018$ |  | 0.000 | -6,906 |  | ${ }^{6,006}$ |  |  |  |  |  |  | 6,906 |  |  |  |  |  |  |
| -02661-30-6 | AIIOEN IIC AIDEAVOR |  | -080/1/2018 | Sela | 4,223,000 7 7 | $\begin{array}{r}\text { \%22,539 } \\ \hline 1.049 .035\end{array}$ |  | 211,615 <br> 252.915 | 734, 30 800 80180 |  |  |  | (152, 7 (75) |  |  |  | 610,924 496120 |  | $\begin{array}{r}11,149 \\ \hline \quad 8268 \\ \hline 8\end{array}$ |  |  |
| -0334941-10-5 | ${ }_{\text {a }}$ |  | -08801/2018 |  | 27, 27.232 .0000 | ${ }_{5}^{1,1,9405,803}$ |  | $\begin{array}{r}\text { \% } \\ \hline 1,426,758 \\ \hline 1.958 \\ \hline\end{array}$ | 4,608,471 | $\ldots$ |  |  | - $\quad(3,18,171713)$ |  |  |  | -4,496,120 | - $4.469,120$ | 81,68 $-\quad .06667$ |  |  |
|  | abgan inc |  | .07718/2018 | J.p. Morain seulities .- | ${ }^{23,773.000}$ | ${ }^{\text {, }} 9323,517$ |  | -950,920 | -1,069,785 |  |  | 118,865 | - |  | .950,920 |  | (127,403) | $\cdots$ | - $\quad . \quad 5.943$ |  |  |
|  | BANK Of AlERICA CORP |  | - $0.09 / 26 / 2018$ | EvEECOEEE ISI | $\underset{\substack{22,892.000 \\ 7763.272}}{\text { a }}$ |  |  |  | ..416,498 | . $(338,052)$ |  |  | (338, 052) |  | 340,540 <br> 16.470 <br> 180 |  | (356,482 | (136,482 |  |  |  |
|  |  |  | . $097 / 4 / 2 / 2018$ |  | . 7.763 .272 $.33,105000$ | $1.150,575$ $-\quad 1,456,803$ |  | -.161,4700 |  |  |  |  |  |  | -11611,470 |  | (10,896) <br> 345,08 <br> 185 | (10,896) <br> $.345,088$ | $\begin{array}{r}\text { [2,45 } \\ -\quad .16,884 \\ \hline\end{array}$ |  |  |
| (1288x-10-3 | COCA-COAA CO |  | .08/15/2018. | JEFFERIES 8 COUPANY | . $34,390.000$ | -1,582,573 |  | .675,935 | 1, 1,77,813 | (901, 878) |  |  | (901, 878) |  | .675,935 |  | ${ }_{906,637}$ | ${ }_{906,637}$ | - $\quad 268824$ |  |  |
|  | coonizan Tehlology solutions |  | .08/23/2018 | WILLIAM BLAIR 8 Co | 16,299.000 | 1, 1235,520 |  | . 4880,167 | -1,157,555 | (677, 388) |  |  | ( 677 , 388) |  | 480,167 |  | ${ }^{7} 565,353$ | ${ }^{7} 755,353$ | - $\quad$ - $\quad$ - 6.520 |  |  |
| 192446-10-2 |  |  | -07711/2018 | ${ }_{\text {HLLLIAM BLAR } 8 \text { co }}^{\text {ROC }}$ | $12,976.000$ 0.000 | $\begin{array}{r}\text { 473,788 } \\ \hline 2083 \\ \hline 8.4\end{array}$ |  | . 220,49 | - ${ }^{4888,806}$ | (268,315) |  |  | (268,315) |  | 220,491 |  | 253,297 | 253,297 | $\cdots \quad 5,515$ |  |  |
| 205887-10-2 $218700-10-5$ | COPROPATE OFFICE PROPOESTES THUST |  | .08/31/2018 | Roc | 0.000 | -10,4615 |  |  |  |  |  |  |  |  | -10,415 |  |  |  |  |  |  |
|  | Cossto WHoLESLEE COPP |  | . $07 / 1812018$ | J.P. MOGGAN SEULITITES .- | 8,903.000 | - 1, 1,003,421 |  | --. 274,487 | $\ldots$ | ( $1,382,540$ |  |  | (1, $1,382,540$ |  | 274,487 |  | 1,628,934 | 1,628,934 | - $\quad$-, 9,5 |  |  |
| - $2236633-10-9$ |  |  | -083/3/2018 |  | ${ }^{6,2350.000}$ |  |  |  | -598,685 | (205.882) |  |  | ${ }^{(205.882)}$ |  | $6,6,288$ 392803 |  | 88 | 311.688 | 1232 |  |  |
|  |  |  |  | Sanford C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | -090/20/2018 | JEFFERES \& COIPANY | $237,766.000$ $6,665.00$ | $\begin{array}{r} 2,466,209 \\ \cdots 1,146,942 \end{array}$ |  | $\begin{array}{r} 1,810,0,099 \\ \hline 638,988 \end{array}$ | ${ }_{8}^{1,039,775}$ | $\binom{120,933}{-\quad(222,541)}$ |  |  | $\left.\begin{array}{c} (1202,933 \\ (222,541) \end{array}\right)$ |  | 1,810,019 638,918 |  | 656,190 508,024 | 656,100 508,024 | .61,421 |  |  |
| ${ }^{3} 315616-10-2$ | Finst Inustrial realiv tiust, inc |  | -08/21/2018 | EVVECCOAE ISI | 77, 246.000 | 2,517,940 |  | 2,284,709 |  |  |  |  |  |  | 2,284,709 |  | ${ }_{233,230}$ | 233,230 |  |  |  |
| $\begin{aligned} & -3960640-10-3 \\ & -3614 x-10-1 \end{aligned}$ | general electric co |  | . $07 / 181 / 2018$ | J.P. MOCGAN SEUMRITIES.. | - 34.8683 .000 | 478,527 |  | . 469,953 |  |  |  | .153,404 | (153,404) |  | 469,953 |  | 8,574 | 88.574 | 4,184 |  |  |
|  |  |  | -08/3/2/2018 |  | $\begin{aligned} 20,647.0000 \\ \hline 20000 \end{aligned}$ | +6.422 |  | $\begin{array}{r}\text { [40,774 } \\ \hline \text { 29,687 } \\ \hline\end{array}$ |  | (142,159) |  |  | - 142,159 |  | 440,774 40,687 |  | (434, 332) | (134, 322$)$ | 472,816 |  |  |
| - $431288-10-8$ |  |  |  | Santord C. Bersstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | HICHIOOS Prooferile HORI2N BAICOPP INC |  | -07/20/2018 | ${ }^{\text {cos }}$ | 22,104.000 17,164.500 | $\begin{aligned} & 1 ., 993,062 \\ & \hline \end{aligned}{ }_{354}^{1,065}$ |  | ${ }^{1}, 070,2935,9255$ | . 385,185 | (2001,210) |  |  | (201, 210) |  | $\begin{array}{r}1,070,235 \\ \hline \quad .188,975 \\ \hline 12,\end{array}$ |  | $\begin{array}{r}22,827 \\ \hline 10,109\end{array}$ |  | 16,359 $-\quad 4.806$ |  |  |
| -40407-10-4 | Hoplel fooos Conp |  | -09126/2018 | J.p. Moragan seuritites.. | - 31,419.000 | -1,241,490 |  | -1, 1842,162 |  |  |  |  |  |  | -1, |  |  | -99,328 | - $\quad 17.17,073$ |  |  |
| -44107P-10-4 | Host hotels \& Resoris IIC |  | .09/26/2018 | JeFFERIES 8 COUPANY | .25,059.000 | .530,823 |  | . 449,879 |  |  |  |  |  |  | 449,879 |  | 80,944 | 80,944 | 17,646 |  |  |
|  | Inseenit inc |  | .08/15/2018 | WILLIAM BLAIR \& $C 0$ | . $3,000.000$ | ${ }^{330}, 340$ |  | 139,588 | -..172,050 | (32,462) |  |  | (32,462) |  | 139,588 |  | 190,753 | 190,753 | 1,200 |  |  |
| 49427-10-8 | KILROY PELIT COAPOPATITON. |  | .08/31/2018 | foc. |  | 12,213 |  | 12,213 |  |  |  |  |  |  | ${ }^{12,213}$ |  |  |  |  |  |  |
| 494368-10-3 |  |  | -07/25/2018 |  | +, ${ }^{3,5051.000}$ 4.55000 | 322,540 $.381,691$ |  |  |  | - $\quad \begin{array}{r}\text { (334, } 199 \\ -\quad .197 \\ \hline\end{array}$ |  |  |  |  | 33, 3725 321 |  | 288,605 <br> 8,170 | $\begin{array}{r}288,605 \\ \hline 8,170 \\ \hline\end{array}$ | ${ }_{\substack{9,061 \\ 501}}$ |  |  |
|  | OGE ENEEGY COOP |  | -08/23/2018 | JeFreriles \& COIPAMY | -2, $2,565.5000$ | -1,086,426 |  | -951,993 | -972, 984 | - $\quad \begin{array}{r}29,535 \\ \hline\end{array}$ |  | 114,526 | (20,991) |  | 3212,21 <br> 951,993 |  | ${ }_{134,433}$ |  | ${ }_{\text {20,4,401 }}$ |  |  |
| $677837-10-3$ $709102-10-7$ |  |  | .08/29/2018 | vapious | 259,743,000 | - 2,873,225 |  | -2,500, 522 | 3,088,344 | (141, 414) |  | 440,410 | (581, 824) |  | 2,500, 520 |  | 366,705 | 366,705 | 109,092 |  |  |
| $758849-10-3$ $76859-10-0$ | REGECCY CENTERS CORPORATION REPUBLIC SERVICES INC --... |  | -08/31/2018 |  |  | - $\mathbf{- 3 , 4 5 7}$ |  |  | .3, 122 |  |  |  |  |  |  |  |  | 461 |  |  |  |
| . $7613111-20-2$ | Retall properties of america inc |  |  | Sanford C. Bernstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r} 862121-10-0 \\ -86667-10-4 \end{array}$ | STOAE CAPITTAL COBP |  | -08/31/2018 | and | 0.000 | 2,810 |  | 2,810 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | SUN COMMNNTIES INC |  | . $08 / 31 / 2018$ | SaO |  |  |  |  | 67,432 |  |  |  |  |  | 67,432 |  |  |  |  |  |  |
| .87664-10-3 | CENEES INO |  | . $08 / 282 / 2018$. | co. | 39,994.000 | 2.573,282 |  | ,18, 272 |  |  |  | 349,989 | (349,989) |  | 2,183,272 |  | 300,009 | 390,009 | 52,392 |  |  |

SCHEDULE D - PART 4


Schedule DB - Part A - Section 1- Options, Caps, Floors, Collars, Swaps and Forwards Open
NO N E
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

## SCHEDULE E - PART 1 - CASH

| Month End Depository Balances |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Depository | 2 | 3 | 4 <br> Amount of Interest Received During Current 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 |  |  |  |  | 19,903,901 | 13,533,831 | 25,624,481 | XXX |
| Santander Bank ...................... Providence, RI |  |  |  |  | $(102,230,995)$ | $(106,491,488)$ | $(109,002,074)$ | XXX |
| 0199998. Deposits in ... 41 depositories that do not exceed the allowable limit in any one depository (See instructions) - Open Depositories | XXX | XXX | 87,446 | 31,330 | 15,009, 197 | 13,550,501 | 7,955,966 | XXX |
| 0199999. Totals - Open Depositories | XXX | XXX | 87,446 | 31,330 | $(67,317,897)$ | $(79,407,156)$ | $(75,421,627)$ | 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 | 87,446 | 31,330 | $(67,317,897)$ | $(79,407,156)$ | $(75,421,627)$ | XXX |
| 0499999. Cash in Company's Office | XXX | XXX | XXX | XXX | 15,350 | 15,350 | 15,350 | XXX |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
| 0599999. Total - Cash | XXX | XXX | 87,446 | 31,330 | $(67,302,547)$ | $(79,391,806)$ | $(75,406,277)$ | XXX |

STATEMENT AS OF SEPTEMBER 30, 2018 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE E-PART 2 - CASH EQUIVALENTS

| $\begin{gathered} 1 \\ \text { cusIP } \end{gathered}$ | $2$ <br> Description | $\begin{gathered} 3 \\ \text { Code } \end{gathered}$ | 4 <br> Date Acquired | 5 Rate of Interest | 6 Maturity Date | 7 Book/Adjusted Carrying Value | 8 <br> Amount of Interest 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, Teritories and Possessions Bonds |  |  |  |  |  |  |  |  |
| 2499999. Total - U.S. Political Subdivisions Bonds |  |  |  |  |  |  |  |  |
| 3199999. Total - U.S. Special Revenues Bonds |  |  |  |  |  |  |  |  |
| - |  |  | 08/77/2018 | 0.000 | ${ }^{101001 / 2018}$ | ${ }^{9.9787,125}$ | ${ }^{21,875}$ |  |
| --- |  |  | O8/82/218 $-\quad 09 / 12018$ | $\square{ }^{-}$ | $\begin{array}{r}10 / 03 / 2018 \\ \hline \quad 1010 / 2018 \\ \hline\end{array}$ | $11,973,120$ 5 5088,060 | 25,384 $-\quad-\quad 8,096$ $-\quad$ |  |
| - |  |  | .09/11/2018 | - -0.000 | - - $\quad$-10/11/2018 | 61,85, 333 | - $\quad .06 .369$ |  |
| - |  |  | -0991212018 | $\begin{array}{r} 0.000 \\ 0.000 \end{array}$ | $10 / 2 / 2 / 2018$ $-\quad-\quad-\quad . \quad . \quad . \quad 10 / 10 / 2018$ $-\quad .1012120$ | ${ }_{\text {- }}^{8,9,974,8333}$ | 15,924 $-\quad-\quad 2,668$ |  |
|  |  |  | -08/27/2018 | $\underset{\sim}{0} 0.0000$ | - $\quad 1010120412018$ | ${ }_{\substack{4, 4,988,438 \\ \hline}}$ | $\begin{array}{r}12,068 \\ \hline \quad \mathbf{1 0 , 6 4 8}\end{array}$ |  |
|  |  |  | 09/27/2018 | - 0.000 | - . | 8,577,665 | 2,621 |  |
| 3299999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Issuer Obligations |  |  |  |  |  | 120,571,897 | 188,585 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 5599999. Total - Parent, Subsidiaries and Affiliates Bonds |  |  |  |  |  |  |  |  |
| 6099999. Subtotal - SVO Identified Funds |  |  |  |  |  |  |  |  |
| 7799999. Total - Issuer Obligations |  |  |  |  |  | 120,571,897 | 188,585 |  |
| 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 |  |  |  |  |  | 120,511,897 | 188,585 |  |
| 318860-80-7 | $\mid$ FIISS AlCRICAN TEEASURY OBLIG CL $Y$ |  | .09/28/2018 | 0.000 | XXX | 3, 169,79 |  | 1,171 |
| 8599999. Subtotal - Exempt Money Market Mutual Funds - as Identified by the SVO |  |  |  |  |  | 3,169,779 |  | 1,171 |
| 8699999. Subtotal - All Other Money Market Mutual Funds |  |  |  |  |  | 8,869,218 | .39,476 | 114,646 |
|  |  |  |  |  |  | 8,869,218 | 39,476 | 114,646 |
| $\qquad$ | $\qquad$ |  |  |  |  |  |  |  |
| $\cdots$ |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
| 8899999 - Total Cash Equivalents |  |  |  |  |  | 132,610,894 | 223,061 | 115.817 |


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

