PROPERTY AND CASUALTY COMPANIES - ASSOCIATION EDITION
QUARTERLY STATEMENT
AS OF SEPTEMBER 30, 2017
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
November 2017

## Ann Marie Octeau

Notary Public
June 8, 2018

ASSETS


LIABILITIES, SURPLUS AND OTHER FUNDS



CASH FLOW


[^0]
## 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, 2017 and December 31, 2016 is shown below:

|  | F/S |  | F/S |  | 12/31/16 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | SSAP \# | Page | Line \# | 09/30/17 |  |
| Net Income |  |  |  |  |  |
| (1) Company state basis (Page 4, Line 20, Columns 1 \& 2) | XXX | XXX | XXX | (\$34,483,942) | \$146,158,832 |
| (2) State Prescribed Practices that (increase)/decrease NAIC SAP |  |  |  | 0 | 0 |
| (3) State Permitted Practices that (increase)/decrease NAIC SAP |  |  |  | 0 | 0 |
| (4) NAIC SAP ( $1-2-3=4$ ) | XXX | XXX | XXX | (\$34,483,942) | \$146,158,832 |
| Surplus |  |  |  |  |  |
| (5) Company state basis (Page 3, Line 37, Columns 1 \& 2) | XxX | XXX | XXX | \$2,587,983,918 | \$2,583,674,181 |
| (6) State Prescribed Practices that (increase)/decrease NAIC SAP |  |  |  | 0 | 0 |
| (7) State Permitted Practices that (increase)/decrease NAIC SAP |  |  |  | 0 | 0 |
| (8) NAIC SAP ( $5-6-7=8$ ) | XxX | XXX | XXX | \$2,587,983,918 | \$2,583,674,181 |

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).

7-11. No change.
12. Effective January 1, 2017, the Company amended its capitalization policy. Changes include an increase in the prepaid expense threshold from $\$ 300,000$ to $\$ 500,000$, capitalization of qualifying expenses associated with projects in excess of $\$ 500,000$, and capitalization of internal labor costs on strategic projects to the extent they qualify. The policy maintains the $\$ 5,000$ de minimis limitation on capitalizing individual items for projects under $\$ 500,000$.
13.-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 \$15,560,189 on January 1, 2017. 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 thirteen commercial mortgage loans at September 30, 2017. 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


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 2017, 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
\$ 2,178,447
6. 12 Months or Longer
\$ 5,220,640
b. The aggregate related fair value of securities with unrealized losses:

| 1. Less than 12 Months | $\$ 278,201,810$ |
| :--- | :--- |
| 2. 12 Months or Longer | $\$ 183,153,741$ |

5. All loan-backed and structured securities in an unrealized loss position were reviewed to determine whether other-thantemporary impairments should be recognized. The Company asserts that it has the intent and ability to hold these securities long enough to allow the cost basis of these securities to be recovered. These conclusions are supported by an analysis of the underlying credit of each security. Unrealized losses are primarily attributable to higher interest rates and modestly wider spread levels. It is possible that the Company could recognize other-than-temporary impairments in the future on some of the securities, if future events, information and passage of time cause it to conclude that declines in fair value are other-than temporary.
E. Repurchase Agreements and/or Securities Lending Transactions

The Company has no open repurchase agreements or securities lending transactions.
F. Real Estate

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

No change.
H. Restricted Assets

No change.
I. Working Capital Finance Investments

The Company has no working capital finance investments.
J. Offsetting and Netting of Assets and Liabilities

The Company does not offset or net assets and liabilities.
K. Structured Notes

No change.
L. 5* Securities

No change.
M. Short Sales

The company does not engage in short sale transactions.
N. Prepayment Penalty and Acceleration Fees

|  | General Account |
| :--- | ---: |
| 1. Number of CUSIPs | 31 |
| 2. Aggregate Amount of Investment Income | $\$ 247,879$ |

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

A. No change.
B. There were no other-than-temporary impairments (OTTI) recognized on these securities in 2017.

## Note 7 - Investment Income

No change.
Note 8 - Derivative Instruments
No change.

## NOTES TO FINANCIAL STATEMENTS

## 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 |  |
| :---: | :---: | :---: | :---: |
| 09/30/17 |  |  |  |
| (a) Gross deferred tax assets | \$505,587,177 | \$20,155,732 | \$525,742,909 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Adjusted gross deferred tax assets (1a-1b) | 505,587,177 | 20,155,732 | 525,742,909 |
| (d) Deferred tax assets nonadmitted | 0 | 0 | 0 |
| (e) Subtotal net admitted deferred tax asset (1c-1d) | 505,587,177 | 20,155,732 | 525,742,909 |
| (f) Deferred tax liabilities | 270,587,334 | 213,185,137 | 483,772,471 |
| (g) Net admittted deferred tax asset(Net deferred tax liability) (1e-1f) | \$234,999,843 | (\$193,029,405) | \$41,970,438 |
|  | (4) | (5) | (6) (Col 4+5) |
| 12/31/16 | Ordinary | Capital | Total |
| (a) Gross deferred tax assets | \$454,118,357 | \$26,000,304 | \$480,118,661 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Adjusted gross deferred tax assets (1a-1b) | 454,118,357 | 26,000,304 | 480,118,661 |
| (d) Deferred tax assets nonadmitted | 0 | 0 | 0 |
| (e) Subtotal net admitted deferred tax asset ( 1 c -1d) | 454,118,357 | 26,000,304 | 480,118,661 |
| (f) Deferred tax liabilities | 260,625,213 | 185,144,092 | 445,769,305 |
| (g) Net admittted deferred tax asset/(Net deferred tax liability) (1e-1f) | \$193,493,144 | (\$159,143,788) | \$34,349,356 |
|  | (7) <br> (Col 1-4) | (8) <br> (Col 2-5) | (9) <br> (Col 7+8) |
| Change | Ordinary | Capital | Total |
| (a) Gross deferred tax assets | \$51,468,820 | (\$5,844,572) | \$45,624,248 |
| (b) Statutory valuation allow ance adjustment | 0 | 0 | 0 |
| (c) Adjusted gross deferred tax assets (1a-1b) | 51,468,820 | $(5,844,572)$ | 45,624,248 |
| (d) Deferred tax assets nonadmitted | 0 | 0 | 0 |
| (e) Subtotal net admitted deferred tax asset (1c-1d) | 51,468,820 | $(5,844,572)$ | 45,624,248 |
| (f) Deferred tax liabilities | 9,962,121 | 28,041,045 | 38,003,166 |
| (g) Net admittted deferred tax asset(Net deferred tax liability) (1e-1f) | \$41,506,699 | (\$33,885,617) | \$7,621,082 |

## NOTES TO FINANCIAL STATEMENTS

2. Admission Calculation Components

|  | (1) | (2) | (3) <br> (Col 1+2) |
| :---: | :---: | :---: | :---: |
|  | Ordinary | Capital | Total |
| 09/30/17 |  |  |  |
| (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) | 171,393,643 | 0 | 171,393,643 |
| 1. Adjusted gross deferred tax assets expected to be realized follow ing the balance sheet date | 171,393,643 | 0 | 171,393,643 |
| 2. Adjusted gross deferred tax assets allowed per limitation threshold | XXX | XXX | 384,013,060 |
| (c) Adjusted gross deferred tax assets (Excluding the amount of deferred tax assets from |  |  |  |
| (d) Deferred tax assets admitted as the result of application of SSAP No. 101 | \$505,587,177 | \$20,155,732 | \$525,742,909 |
|  | (4) | (5) | (6) (Col 4+5) |
| 12/31/16 | 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 |  |  |  |
| 1. Adjusted gross deferred tax assets ex pected to be realized following the balance sheet date | 138,789,072 | 0 | 138,789,072 |
| 2. Adjusted gross deferred tax assets allowed per limitation threshold | XXX | XXX | 382,398,724 |
| (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 | 315,329,285 | 26,000,304 | 341,329,589 |
| (d) Deferred tax assets admitted as the result of application of SSAP No. 101 | \$454,118,357 | \$26,000,304 | \$480,118,661 |
|  | (7) <br> (Col 1-4) | $\begin{gathered} (8) \\ (\mathrm{Col} 2-5) \end{gathered}$ | $\begin{gathered} \hline 9) \\ (\operatorname{Col} 7+8) \end{gathered}$ |
| 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 |  |  |  |
| 1. Adjusted gross deferred tax assets expected to be realized following the balance sheet date | 32,604,571 | 0 | 32,604,571 |
| 2. Adjusted gross deferred tax assets allow ed per limitation threshold | XXX | XXX | 1,614,336 |
| (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 | 18,864,249 | $(5,844,572)$ | 13,019,677 |
| (d) Deferred tax assets admitted as the result of application of SSAP No. 101 | \$51,468,820 | (\$5,844,572) | \$45,624,248 |

3. Other Admissibility Criteria

|  | 2017 | 2016 |
| :---: | :---: | :---: |
| (a) Ratio used to determine recovery period and threshold limitations amount | 1237\% | 1238\% |
| (b) Amount of adjusted capital and surplus used to determine recovery period and threshold limitation in 2(b)2 above | \$2,560,087,066 | \$2,563,398,411 |

## NOTES TO FINANCIAL STATEMENTS

4. Impact of Tax Planning Strategies

\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \& \multicolumn{2}{|c|}{09/30/17} \& \multicolumn{2}{|c|}{12/31/16} \& \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}
(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} \& \begin{tabular}{l}
\$505,587,177 \\
0\% \\
\$505,587,177 \\
0\%
\end{tabular} \& \begin{tabular}{l}
\$20,155,732
\[
\begin{array}{r}
0 \% \\
\$ 20,155,732
\end{array}
\] \\
\(0 \%\)
\end{tabular} \& \(\$ 454,118,357\)
\% \& \(\$ 26,000,304\)
\(0 \%\)
\(\$ 26,000,304\)
0 \& \(\$ 51,468,820\)
\(0 \%\)
\(\$ 51,468,820\) \& \((\$ 5,844,572)\)
(\$5,844,572)
\(0 \%\)

$0 \%$ <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

|  |  | (2) |  |
| :---: | :---: | :---: | :---: |
|  | (1) |  | $\begin{gathered} \hline(3) \\ (\operatorname{Col} 1-2) \end{gathered}$ |
|  | 09/30117 | 12/31/16 | Change |
| (a) Federal | (\$40,654,697) | (\$98,155,726) | \$57,501,029 |
| (b) Foreign | 0 | 0 | 0 |
| (c) Subitotal | (40,654,697) | (98,155,726) | 57,501,029 |
| (d) Federal income tax on net capital gains | 36,594,875 | 61,128,528 | (24,533,653) |
| (e) Utilization of capital loss carry-forw ards | 0 | 0 | 0 |
| (f) Other | 0 | 0 | 0 |
| (g) Federal and foreign income tax es incurred | (\$4,059,822) | (\$37,027,198) | \$32,967,376 |

## NOTES TO FINANCIAL STATEMENTS

2. Deferred Tax Assets

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

3. Deferred Tax Liabilities

|  | (1) 09/30/17 | (2) 12/31/16 | (3) <br> (Col 1-2) <br> Change |
| :---: | :---: | :---: | :---: |
| (a) Ordinary: |  |  |  |
| 1. Investments | \$895,529 | \$770,602 | \$124,927 |
| 2. Fixed assets | 34,211,604 | 29,184,263 | 5,027,341 |
| 3. Deferred and uncollected premium | 0 | 0 | 0 |
| 4. Policy holder reserves | 0 | 0 | 0 |
| 5. Other ( including items <5\% of total ordinary tax liabilites) | 235,480,201 | 230,670,348 | 4,809,853 |
| 99. Subtotal | 270,587,334 | 260,625,213 | 9,962,121 |
| (b) Capital: |  |  |  |
| 1. Investments | \$213,185,137 | \$185,144,092 | \$28,041,045 |
| 2. Real estate | 0 | 0 | 0 |
| 3. Other ( including items <5\% of total ordinary tax liabilities) | 0 | 0 | 0 |
| 99. Subtotal | 213,185,137 | 185,144,092 | 28,041,045 |
| (c) Deferred tax liabilities (3a99 + 3b99) | \$483,772,471 | \$445,769,305 | \$38,003,166 |

4. Net Deferred Tax Assets/(Liabilities)

|  | (1) | (2) | $\begin{gathered} (3) \\ (\operatorname{Col} 1-2) \end{gathered}$ |
| :---: | :---: | :---: | :---: |
|  | 09/30/17 | 12/31/16 | Change |
| Net deferred tax assets (liabilities) (2i - 3c) | \$41,970,438 | \$34,349,356 | \$7,621,082 |

## 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):

|  | $09 / 30 / 17$ | $12 / 31 / 16$ | Change |
| :--- | ---: | ---: | ---: |
| Total deferred tax assets | $\$ 525,742,909$ | $\$ 480,118,661$ | $\$ 45,624,248$ |
| Total deferred tax liabilities | $483,772,471$ | $445,769,305$ | $38,003,166$ |
| Net deferred tax assets/(liabilities) | $41,970,438$ | $34,349,356$ | $7,621,082$ |
| Statutory valuation allowance adjustment | 0 | 0 | 0 |
| Net deferred tax assets/(liabilities) after SVA | $41,970,438$ | $34,349,356$ | $7,621,082$ |
| Tax effect of unrealized gains (losses) | $213,185,137$ | $185,144,092$ | $28,041,045$ |
| Statuory valuation allowance adjustment allocation to unrealized | 0 | 0 | 0 |
| Change in net deferred tax | $\$ 255,155,575$ | $\$ 219,493,448$ | $\$ 35,662,127$ |

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:

|  | 09/30/17 |  | 12/31/16 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Effective |  |  | Effective |
|  | Amount | Tax Rate | Amount | Tax Rate |
| Income before taxes | (\$13,490,317) | 35.0\% | \$38,196,072 | 35.0\% |
| Tax exempt interest, net of pro-ration | $(4,206,099)$ | 10.9\% | $(4,825,646)$ | -4.4\% |
| Div idends received deduction, net of pro-ration | $(3,148,385)$ | 8.2\% | $(4,222,453)$ | -3.9\% |
| Change in nonadmitted assets | $(15,242,242)$ | 39.6\% | $(30,597,595)$ | -28.0\% |
| Change in pension ov erfunded asset | 0 | 0.0\% | 2,070,218 | 1.9\% |
| Change in retiree medical liability | $(3,322,033)$ | 8.6\% | $(2,894,336)$ | -2.7\% |
| Other | $(312,873)$ | 0.7\% | 2,095,083 | 1.9\% |
| Total | (\$39,721,949) | 103.1\% | $(\$ 178,657)$ | -0.2\% |
| Federal income taxes incurred | (\$40,654,697) | 105.5\% | (\$98,155,726) | -90.0\% |
| Tax on capital gains (losses) | 36,594,875 | -94.9\% | 61,128,528 | 56.0\% |
| Change in net deferred tax es | $(35,662,127)$ | 92.5\% | 36,848,541 | 33.8\% |
| Total statutory income taxes | (\$39,721,949) | 103.1\% | $(\$ 178,657)$ | -0.2\% |

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

1. At September 30, 2017, the Company had the following unused operating loss and tax credit carryforwards available:

| Type | Amount | Origination <br> Date | Expiration <br> Date |
| :---: | ---: | ---: | ---: |
| Net Operating Loss Carry forw ard | $\$ 19,378,187$ | 2017 | 2037 |
| Tax Credit Carry forw ard | $\$ 711,703$ | 2016 | 2026 |

2. The Company has no amounts of Federal income taxes incurred and available for recoupment in the event of future net losses.
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 2017, 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. Intercompany 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

No change.
Note 10 - Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties
A. Nature of Relationships

No change.

## NOTES TO FINANCIAL STATEMENTS

B. Detail of Transactions Greater than $1 \not 2 \%$ of Admitted Assets

Although there were no transactions greater than $1 / 2 \%$ of admitted assets, the Company made a $\$ 25,000,000$ capital contribution on January 3, 2017 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.
C. Changes in Terms of Intercompany Arrangements

The Consolidated Federal Income Tax Agreement between Amica Mutual Insurance Company (the Parent) and affiliates was amended in 2017 to include Amica Life Insurance Company. See Note 9F for further information.
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 | $\$ 8,111,006$ | $\$ 0$ | $\$ 302,253,885$ | $\$ 302,253,885$ |

Per AP\&P Manual (without permitted or prescribed practices)
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

Not applicable.
B. Funding Agreements with the Federal Home Loan Bank (FHLB)

The Company has no funding agreements with the Federal Home Loan Bank.
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


The Company has no obligations to current or former employees for benefits after their employment but before their retirement.

## 5-20. No change.

21. The Company elected to phase in the transition liability relating to postretirement health care benefits under the transition guidance set forth in SSAP No. 92, "Accounting for Postretirement Benefits Other Than Pensions, A Replacement of SSAP No. 14". The total transition liability for the postretirement health care benefits was $\$ 169,973,289$ resulting in a minimum transition liability of $\$ 16,997,329$ after applying the guidance in paragraphs 103bi and 103bii. Through September 30, 2017, $\$ 161,356,620$ of this transition liability has been recognized. The current year transition liability of $\$ 16,997,329$ was recorded on January 1, 2017, with Amica Mutual recording $\$ 15,560,189$ and the remaining $\$ 1,437,140$ recorded on the statements of Amica Life Insurance Company.

The following table includes the 2017 transition surplus activity:

|  | Transition liability |
| :--- | ---: |
| Beginning of y ear | $(\$ 25,613,998)$ |
| Recognized during year | $16,997,329$ |
|  | $(\$ 8,616,669)$ |

## NOTES TO FINANCIAL STATEMENTS

The anticipated amortization of the remaining transition liability is:

| Years | Anticipated Amortization |
| :--- | ---: |
| 2018 | $8,616,669$ |

The Company's share of anticipated amortization is \$7,888,123 for 2018.
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 $\$ 605,465,482$, net of deferred taxes.
11. Surplus Notes

No change.

## NOTES TO FINANCIAL STATEMENTS

12. Impact of Quasi Reorganizations

No change.
13. Effective Date of Quasi Reorganizations

No change.

## Note 14 - Liabilities, Contingencies and Assessments

A. Contingent Commitments

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

| Investment Fund | Amount |
| :--- | ---: |
| Adams Street Priv ate Credit Fund LP | $\$ 20,000,000$ |
| AEA Mezzanine Fund III, LP | $2,965,335$ |
| Cyprium Investors IV, LP | $3,790,197$ |
| GCG Investors IV, LP | $6,492,804$ |
| GLC Direct Credit Fund, LP | $2,634,978$ |
| Goldman Sachs Priv ate Equity Partners XI, LP | 117,211 |
| GoldPoint Mezzanine Partners IV, LP | $7,382,923$ |
| Gray cliff Mezzanine II Parallel, LP | 664,210 |
| Gray cliff Mezzanine III Parallel, LP | $5,000,000$ |
| Heartw ood Forestland REIT III, LLC | $1,159,694$ |
| Ly me Forest Fund IV, LP | $7,504,000$ |
| Midw est Mezzanine Fund V SBIC, LP | $1,999,124$ |
| Morgan Stanley IFHF SPV, LP | 614,030 |
| Morgan Stanley Institutional Fund of Hedge Funds, LP | $27,798,146$ |
| Morgan Stanley Premium Partners Fund, LP | 329,463 |
| Morgan Stanley Priv ate Markets Fund III | 518,057 |
| Point Judith Venture Fund III, LP | 301,880 |
| Point Judith Venture Fund IV, LP | $20,156,494$ |
| Savano Capital Partners II, LP | $8,160,000$ |
| Total | $\$ 117,588,546$ |

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 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 2017 or 2016.

## NOTES TO FINANCIAL STATEMENTS

C. Wash Sales

The Company did not have any wash sales during 2017 or 2016.

## 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, 2017:

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 |
| :---: | :---: | :---: | :---: | :---: |
| (a) Assets at fair value: |  |  |  |  |
| Common stock: |  |  |  |  |
| Industrial and miscellaneous | \$1,558,325,203 | \$0 | \$0 | \$1,558,325,203 |
| Total common stock | 1,558,325,203 | 0 | 0 | 1,558,325,203 |
| Total assets at fair value | \$1,558,325,203 | \$0 | \$0 | \$1,558,325,203 |
| (b) Liabilities at fair v alue: |  |  |  |  |
| Total liabilities at fair value | \$0 | \$0 | \$0 | \$0 |

There were no transfers between Level 1, Level 2, or Level 3 in the current year.
2. Rollforward of Level 3 Items

As of September 30, 2017, 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 2017.
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

As of September 30, 2017, the Company did not hold any investments with a Level 2 fair value measurement. There were no purchases, sales, or settlements of Level 2 assets during 2017.
5. Derivative Fair Values

The Company did not hold derivative assets or liabilities at September 30, 2017.
B. Other Fair Value Disclosures

Not applicable.

## NOTES TO FINANCIAL STATEMENTS

C. Fair Value Measurements for All Financial Instruments at September 30, 2017:

|  | Aggregate | Admitted |  |  |  | Not Practicable |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type of Financial Instrument | Fair Value | Assets | Level 1 | Level 2 | Level 3 | (Fair Value) |
| Bonds: |  |  |  |  |  |  |
| U.S. governments | \$773,900,763 | \$763,999,896 | \$62,816,383 | \$711,084,380 | \$0 | \$0 |
| Municipal bonds | 715,671,923 | 691,949,727 | 0 | 715,671,923 | 0 | 0 |
| U.S. special revenue and assessments | 62,985,615 | 62,697,359 | 0 | 62,985,615 | 0 | 0 |
| Industrial and miscellaneous | 636,643,904 | 616,807,129 | 0 | 636,643,904 | 0 | 0 |
| Total bonds | 2,189,202,205 | 2,135,454,111 | 62,816,383 | 2,126,385,822 | 0 | 0 |
| Common stock: |  |  |  |  |  |  |
| Industial and miscellaneous | 1,558,325,203 | 1,558,325,203 | 1,558,325,203 | 0 | 0 | 0 |
| Total common stock | 1,558,325,203 | 1,558,325,203 | 1,558,325,203 | 0 | 0 | 0 |
| Mortgage loans: |  |  |  |  |  |  |
| Commercial mortgages | 61,736,371 | 61,005,052 | 0 | 61,736,371 | 0 | 0 |
| Total mortgage loans | 61,736,371 | 61,005,052 | 0 | 61,736,371 | 0 | 0 |
| Cash equivalents and short-erm investments: |  |  |  |  |  |  |
| Bonds - Industrial and Miscellaneous | 0 | 0 | 0 | 0 | 0 | 0 |
| Exempt money market mutual funds | 72,660,203 | 72,660,203 | 0 | 72,660,203 | 0 | 0 |
| Commercial paper | 168,426,502 | 168,426,502 | 0 | 168,426,502 | 0 | 0 |
| Total cash equivalents and short-term investments | 241,086,705 | 241,086,705 | 0 | 241,086,705 | 0 | 0 |
| Total assets | \$4,050,350,484 | \$3,995,871,071 | \$1,621,141,586 | \$2,429,208,898 | \$0 | \$0 |

D. Not Practicable to Estimate Fair Value

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

## Note 21 - Other Items

A. Unusual or Infrequent Items

No change.
B. Troubled Debt Restructuring: Debtors

No change.
C. Other Disclosures

No change.
D. Business Interruption Insurance Recoveries

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

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

| Description of State Transferable <br> and Non-transferable Tax Credits |  |  |  |
| :--- | ---: | ---: | ---: |
|  | State | Carrying Value | Unused Amount |
| Connecticut Film and Digital Media Production Tax Credit | CT |  |  |
| Film Production Tax Credit | CT | $\$ 137,436$ | $\$ 599,436$ |
| Total |  | 922,295 | $1,024,772$ |

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

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

## NOTES TO FINANCIAL STATEMENTS

4. State Tax Credits Admitted and Nonadmitted

|  |  |  |
| :--- | ---: | ---: |
|  | Total Admitted | Total Nonadmitted |
| a. Transferable | $\$ 1,059,731$ | $\$ 0$ |
| b. Non-transferable | $\$ 0$ | $\$ 0$ |

F. Subprime Mortgage Related Risk Exposure

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

No change.

## Note 22 - Events Subsequent

Type II - Nonrecognized Subsequent Events
Subsequent events have been considered through November 14, 2017 for the statutory statement issued on November 14, 2017.
On October 26, 2017, the Company received approval for membership with the Federal Home Loan Bank (FHLB) of Boston. The Company intends to use the FHLB membership for contingent liquidity purposes only, and not in an investment spread capacity. As required to complete membership, the Company plans to purchase $\$ 3.3$ million in FHLB stock in the fourth quarter of 2017.

There were no other events occurring subsequent to the end of the year that merited recognition or disclosure in these statements.
On October 8, 2017, a number of wildfires swept through large areas of Northern California. Through October 31, 2017, the Company has recorded 146 claims with ultimate losses estimated at $\$ 39.0$ million.

## 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, 2016 were $\$ 1.18$ billion. As of September 30, 2017, $\$ 402.6$ 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 $\$ 678.9$ 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 a $\$ 97.5$ million favorable prior-year development from December 31, 2016 to September 30, 2017 . 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.

## Note 35 - Multiple Peril Crop Insurance

No change.

## NOTES TO FINANCIAL STATEMENTS

## Note 36 - Financial Guaranty Insurance

The Company does not write financial guaranty insurance.

## GENERAL INTERROGATORIES

## PART 1 - COMMON INTERROGATORIES

## GENERAL

 ceased to exist as a result of the merger or consolidation.| 1 | 2 |  |
| :---: | :---: | :---: |
| Name of Entity | NAIC Company Code | 3 <br> State of Domicile |
|  |  |  |

5. If the reporting entity is subject to a management agreement, including third-party administrator(s), managing general agent(s), attorney-in-fact, or similar agreement, have there been any significant changes regarding the terms of the agreement or principals involved? If yes, attach an explanation.the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance shee date)
6.4 By what department or departments?

Rhode Island

Is the company affiliated with one or more banks, thrifts or securities firms?
Yes [ ] No [ X ]
8.4 If response to 8.3 is yes, please provide below the names and location (city and state of the main office) of any affiliates regulated by a federal regulatory services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptroller of the Currency (OCC), the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC)] and identify the affiliate's primary federal regulator.

| 1 | 2 | 3 | 4 | 5 | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Affiliate Name | 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:

|  |  |  | $1$ <br> Prior Year-End Book/Adjusted Carrying Value |
| :---: | :---: | :---: | :---: |
| 14.21 | Bonds | \$ |  |
| 14.22 | Preferred Stock | \$ |  |
| 14.23 | Common Stock | \$ | 357,897,893 |
| 14.24 | Short-Term Investments | \$ |  |
| 14.25 | Mortgage Loans on Real Estate | \$ |  |
| 14.26 | All Other | \$ | 8,717,297 |
| 14.27 | Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26) | \$ | 366,615,190 |
| 14.28 | Total Investment in Parent included in Lines 14.21 to 14.26 above | \$ |  |

15.1 Has the reporting entity entered into any hedging transactions reported on Schedule DB?
15.2 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state? If no, attach a description with this statement.
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 $2 \ldots \ldots . . . . . . . . . . . . . . . . . . . . . . . . ~ \$ ~$
16.3 Total payable for securities lending reported on the liability page. ............................................................................................. \$
17. Excluding items in Schedule E-Part 3-Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III-General Examination Considerations, F.
Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC Financial Condition Examiners Handbook?
Yes [ ] No [ X ]
17.1 For all agreements that comply with the requirements of the NAIC Financial Condition Examiners Handbook, complete the following:

| 1 Name of Custodian(s) | 2 Custodian Address |
| :---: | :---: |
| State Street Bank and Trust Company | 801 PennsyIvania Ave., 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:

| $\begin{gathered} 1 \\ \text { Name(s) } \end{gathered}$ | $\begin{gathered} 2 \\ \text { Location(s) } \end{gathered}$ | 3 Complete Explanation(s) |
| :---: | :---: | :---: |
| Ashmore <br> Fidelity <br> Morgan Stanley | Ashmore Fidelity Investments Morgan Stanley | Ashmore Mutual Funds Fidelity Mutual Funds Morgan Stanley Mutual Funds |

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

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

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

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

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

17.5097 For those firms/individuals listed in the table for Question 17.5, do any firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") manage more than $10 \%$ of the reporting entity's assets?...
17.5098 For firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") listed in the table for Question 17.5, does the total assets under management aggregate to more than $50 \%$ of the reporting entity's assets?
17.6 For those firms or individuals listed in the table for 17.5 with an affiliation code of " A " (affiliated) or "U" (unaffiliated), provide the information for the table below.

| $1$ <br> Central Registration Depository Number | 2 Name of Firm or Individual | 3 Legal Entity Identifier (LEI) | Registered With | 5 <br> Investment Management Agreement (IMA) Filed |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |

18.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed? Yes [ X ] No [ ]
18.2 If no, list exceptions:

## 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 . $\$$

# STATEMENT AS OF SEPTEMBER 30, 2017 OF THE AMICA MUTUAL INSURANCE COMPANY 

SCHEDULE F - CEDED REINSURANCE

\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \begin{tabular}{|c|}
\hline 1 \\
NAIC \\
\begin{tabular}{c} 
Company \\
Code
\end{tabular} \\
\hline
\end{tabular} \& 2

ID
Number \& 3

Name of Reinsurer \& | 4 |
| :--- |
| Domiciliary Jurisdiction | \& 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 \& 22-2005057 \& EVVEREST REINS CO \& - DE \&  \& \& <br>
\hline \& -13-2673100 \& GENERAL REINS COPP \& DE \& Author ized \& \& <br>
\hline \& .A-3194128 \& ALLIED NORLD ASSUAAMCE CO LTD \& BIW \& Unauthor ized \& \& <br>
\hline \& . AA-3194139 \& axIS SPECIALTY LTD \& . $\mathrm{mu}^{\text {d }}$ \& Author ized \& \& <br>
\hline \& AA-1120171 \& LLOY''S SYNDICATE NUMEER 1856 \& GBR \& Author ized \& \& <br>
\hline \& . AA-1120152 \& LLOYO'S SYNDICATE NUMBER 2357 \& GBR. \& Author ized \& \& <br>
\hline \& . AA-120097 \& LLOYD'S SYNDICATE NUMBER 2468 \& GBR. \& Author ized. \& \& <br>
\hline \& . AA-1120179 \& LLOYO'S SYNDICATE NUMBER 2988 \& GBR. \& Unauthor ized. \& \& <br>
\hline \& . AA-1120181 \& LLOVO'S SYMDICCATE NUMBER 5886 \& G88. \& Unauthor ized \& \& <br>
\hline \& .AA-5340660 \& NEW INDIA ASSUR CO LTD ...-_- \& IND. \& Unauthor ized. \& \& <br>
\hline \& AA-5320039 \& PEAK REINS CO LTD ._-_ \& HKG \& Unauthorized \& \& <br>
\hline \& \&  \& \&  \& \& <br>
\hline \& \& C-O-O \& \& $\square-\mathrm{a}$ \& \& <br>
\hline \& \& - \& \& - \& \& <br>
\hline \& \& \& \& \& \& <br>
\hline \& \& - \& \& \& \& <br>
\hline \& \& C-B- \& \& \& \& <br>
\hline \& \& $\cdots$ \& \& - \& \& <br>
\hline \& \& \& \& \& \& <br>
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\end{tabular}

SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN

(L) Licensed or Chartered - Licensed Insurance Carrier or Domiciled RRG; (R) Registered - Non-domiciled RRGs; (Q) Qualified - Qualified or Accredited Reinsurer; (E) Eligible - Reporting

Entities eligible or approved to write Surplus Lines in the state (other than their state of domicile - see DSLI); (D) DSLI - Domestic Surplus Lines Insurer (DSLI) - Reporting entities authorized to write Surplus Lines in the state of domicile; (N) None of the above - Not allowed to write business in the state
(a) Insert the number of $D$ and $L$ responses except for Canada and Other Alien.

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 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 $\substack{\text { Direct Premiums } \\ \text { Earned }}$ | $\begin{gathered} 2 \\ \begin{array}{c} \text { Direct Losses } \\ \text { Incurred } \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} \hline 3 \\ \text { Direct Loss } \\ \text { Percentage } \end{gathered}$ |  |
| 1. | Fire | 6,899,371 | 2,201,384 | 31.9 | 31.8 |
| 2. | Allied Lines | 15,388,888 | 17,054,149 | 110.8 | 95.0 |
| 3. | Farmowners multiple peril |  |  |  |  |
| 4. | Homeowners multiple peril | 597,654,054 | 416,401,265 | $\square-\quad 69.7$ | $\square-63.9$ |
| 5. | Commercial multiple peril |  |  |  |  |
| 6. | Mortgage guaranty . |  |  |  |  |
| 8. | Ocean marine | 3,825,950 | 1,568,612 | 41.0 | 64.1 |
| 9. | Inland marine | 11,250,817 | 4,693,721 | 41.7 | 38.1 |
| 10. | Financial guaranty . |  |  |  |  |
| 11.1 | Medical professional liability - occurrence |  |  |  |  |
| 11.2 | Medical professional liability - claims-made |  |  |  |  |
| 12. | Earthquake | 16,223,972 |  |  | (0.8) |
| 13. | Group accident and health |  |  |  |  |
| 14. | Credit accident and health. |  |  |  |  |
| 15. | Other accident and health |  |  |  |  |
| 16. | Workers' compensation | 46,407 |  |  |  |
| 17.1 | Other liability - occurrence | 45,661,400 | 13,364,284 | 29.3 | 23.6 |
| 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 | 550, 242,400 | 390,825,123 | 71.0 | 79.5 |
| 19.3,19.4 | Commercial auto liability | .158,475 | ( 100, 153) | (63.2) | $21.9$ |
| 21. | Auto physical damage .... | 373,777,690 | 290,960,533 | 77.8 | $67.4$ |
| 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 | xxx | xxx | $x \times x$ | xxx |
| 33. | Reinsurance - Nonproportional Assumed Financial Lines . | xxx | xxx | XXX | XXX |
| 34. | Aggregate write-ins for other lines of business ..............- |  |  |  |  |
| 35. | Totals | 1,621, 129,424 | 1, 136,968,918 | 70.1 | 68.2 |
|  | 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 | 2,559,673 | 6,931, 149 | 6,960,678 |
| 2. | Allied Lines | 6,206,897 | 16,345, 162 | 14,795,626 |
| 3. | Farmowners multiple peril |  |  |  |
| 4. | Homeowners multiple peril | 243,939,384 | -...... $644,323,974$ | 588,887,072 |
| 5. | Commercial multiple peril |  |  |  |
| 6. | Mortgage guaranty |  |  |  |
| 8. | Ocean marine | 1,451,612 | 4,408, 147 | 4,335,491 |
| 9. | Inland marine | 4,467,000 | 11,661,678 | .11,401,565 |
| 10. | Financial guaranty |  |  |  |
| 11.1 | Medical professional liability - occurrence |  |  |  |
| 11.2 | Medical professional liability - claims-made |  |  |  |
| 12. | Earthquake | 6,568,848 | 17,252,599 | 16,238,691 |
| 13. | Group accident and health. |  |  |  |
| 14. | Credit accident and health. |  |  |  |
| 15. | Other accident and health |  |  |  |
| 16. | Workers' compensation | 17,882 | 47,137 | 47,046 |
| 17.1 | Other liability - occurrence | 19,433, 109 | 50, 189,887 | 44,936,321 |
| 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 | 213,974,994 | 593,783,046 | 541,666,343 |
| 19.3,19.4 | Commercial auto liability | 53,657 | 149, 123 | 158,058 |
| 21. | Auto physical damage | 145,660,650 | 400,379,474 | 368,676,449 |
| 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 | 644,333,706 | 1,745,471,376 | 1,598, 103,340 |
|  | 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) |  |  |  |

STATEMENT AS OF SEPTEMBER 30, 2017 OF THE AMICA MUTUAL INSURANCE COMPANY
PART 3 ( $\mathbf{0 0 0}$ omitted)

| Years in Which Losses Occurred | Prior Year-End Known Case Loss and LAE Reserves | 2 <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. $1+2$ ) | 2017 Loss and LAE Payments on Claims Reported as of Prior Year-End | 5 <br>  <br> 2017 Loss and <br> LAE Payments on <br> Claims <br> Unreported <br> as of Prior <br> Year-End | Total 2017 Loss and LAE Payments (Cols. 4+5) | 7 Q.S. Date Known Case Loss and LAE Reserves on Claims Reported and Open as of Prior Year End | 8 <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 Total Q.S. Loss and LAE Reserves (Cols. $7+8+9$ ) | 11 <br> Prior Y 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> Prior Year-End <br> Total Loss and <br> LAE Reserve <br> Developed <br> (Savings) $/$ <br> Deficiency <br> (Cols. 11+12) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. 2014 + Prior | 270,743 | 8,661 | 279,404 | 71,504 | 4,985 | 76,489 | 160,937 | 16,045 | $(13,067)$ | 163,915 | $(38,302)$ | (698) | $(39,000)$ |
| 2. 2015 | 251,294 | 25,960 | 277,254 | 74,226 | 9,964 | 84, 190 | 163,031 | 23,642 | 1,240 | 187,913 | $(14,037)$ | 8,886 | $(5,151)$ |
| 3. Subtotals $2015+$ Prior | .522,037 | 34,621 | -556,658 | 145,730 | 14,949 | 160,679 | 323,968 | 39,687 | (11,827) | 351,828 | $(52,339)$ | 8,188 | $(44,151)$ |
| 4. 2016 | 510,713 | - $\quad . \quad 111,615$ | 622,328 | 156,312 | 85,633 | 241,945 | 216,296 | 56,334 | 54,409 | 327,039 | $\cdots(138,105)$ | 84,761 | ( 53,344 ) |
| 5. Subtotals $2016+$ Prior | 1,032,750 | .146,236 | 1, 178,986 | 302,042 | 100,582 | 402,624 | 540,264 | 96,021 | 42,582 | 678,867 | $(190,444)$ | 92,949 | $(97,495)$ |
| 6. 2017 | xxx | xxx | xxx | xxx | 843,936 | 843,936 | xxx | 488,339 | 86,301 | 574,640 | xxx | xxx | xxx |
| 7. Totals | 1,032,750 | 146,236 | 1,178,986 | 302,042 | 944,518 | 1,246,560 | 540,264 | 584,360 | 128,883 | 1,253,507 | $(190,444)$ | 92,949 | $(97,495)$ |
| 8. Prior Year-End Surplus As Regards Policyholders | 2,583,674 |  |  |  |  |  |  |  |  |  | Col. 11, Line 7 As \% of Col. 1 Line 7 | Col. 12, Line 7 As \% of Col. 2 Line 7 | Col. 13, Line 7 As \% of Col. 3 Line 7 |
|  |  |  |  |  |  |  |  |  |  |  | 1. (18.4) | 2. 63.6 | 3. (8.3) |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Col. 13, Line 7 As a \% of Col. 1 Line 8 4. (3.8) |

## STATEMENT AS OF SEPTEMBER 30, 2017 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]


OVERFLOW PAGE FOR WRITE-INS

|  | Current Statement Date |  |  | 4December 31Prior Year NetAdmitted Assets |
| :---: | :---: | :---: | :---: | :---: |
|  | 1 Assets | $2$ <br> Nonadmitted Assets | Net Admitted Assets (Cols. 1-2) |  |
| 2504. Receivable for Quaker | 13,955 |  | 13,955 |  |
| 2505. Travel advances | 63,231 | 63,231 |  |  |
| 2506. Postage inventory | 935,223 | 935,223 |  |  |
| 2507. Prepaid expenses | 16,076,557 | 16,076,557 |  |  |
| 2508. Prepaid pension contribution | 664,841,555 | 399,637,058 | 265,204,497 | 265,204,497 |
| 2509. Pension overfunded asset | $(265,204,497)$ |  | $(265,204,497)$ | $(265,204,497)$ |
| 2510. Miscellaneous deposits | 1,405,257 | 345,526 | 1,059,731 | 3,738,000 |
| 2511. Receivable for other surcharges | 934,345 |  | 934,345 | 770,732 |
| 2512. Miscellaneous receivable |  |  |  | 1,491,066 |
| 2513. Prepaid retirees' medical expense | 4,840,152 |  | 4,840,152 | 10,908,817 |
| 2514. Retiree medical overfunded asset | $(4,840,152)$ |  | $(4,840,152)$ | $(10,908,817)$ |
| 2597. Summary of remaining write-ins for Line 25 from overflow page | 419,065,626 | 417,057,595 | 2,008,031 | 5,999,798 |


|  | 1 <br> Current Year to Date | $\overline{2}$ <br> Prior Year to Date | Prior Year Ended December 31 |
| :---: | :---: | :---: | :---: |
| 3704. Change in pension overfunded asset |  |  | 7,426,622 |
| 3705. Change in retired life reserve liability |  |  | $(1,384,176)$ |
| 3706. Change in unfunded retired life benefit liability |  |  | $(355,320)$ |
| 3797. Summary of remaining write-ins for Line 37 from overflow page |  |  | 5,687,126 |

SCHEDULE A - VERIFICATION

| Real Es | 1 Year to Date | $\stackrel{2}{2}$ Prior Year Ended December 31 |
| :---: | :---: | :---: |
| 1. Book/adjusted carrying value, December 31 of prior year | 44,562,357 | 45, 159,299 |
| 2. Cost of acquired: |  |  |
| 2.1 Actual cost at time of acquisition .-...- |  |  |
| 2.2 Additional investment made after acquisition | 2,390,691 | 1,905,077 |
| 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... | 1,897,200 | 2,502,019 |
| 9. Book/adjusted carrying value at the end of current period (Lines $1+2+3+4-5+6-7-8$ ) | 45,055,848 | 44,562,357 |
| 10. Deduct total nonadmitted amounts |  |  |
| 11. Statement value at end of current period (Line 9 minus Line 10) | 45,055,848 | 44,562,357 |

## SCHEDULE B - VERIFICATION

Mortgage Loans

|  | 1 Year to Date | $\begin{gathered} 2 \\ \hline \text { Prior Year Ended } \\ \text { December } 31 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: |
| 1. Book value/recorded investment excluding accrued interest, December 31 of prior year | 28,424,207 | 7,620,285 |
| 2. Cost of acquired: |  |  |
| 2.1 Actual cost at time of acquisition | 32,701,686 | 20,878,451 |
| 2.2 Additional investment made after acquisition. |  |  |
| 3. Capitalized deferred interest and other |  |  |
| 4. Accrual of discount. |  |  |
| 5. Unrealized valuation increase (decrease) |  |  |
| 6. Total gain (loss) on disposals |  |  |
| 7. Deduct amounts received on disposals | 120,841 | 74,529 |
| 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 $1+2+3+4+5+6-7-8+9-10$ ) | 61,005,052 | 28,424,207 |
| 12. Total valuation allowance |  |  |
| 13. Subtotal (Line 11 plus Line 12) | 61,005,052 | 28,424,207 |
| 14. Deduct total nonadmitted amounts |  |  |
| 15. Statement value at end of current period (Line 13 minus Line 14) | 61,005,052 | 28,424,207 |

## SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

|  | Year to Date | $\stackrel{2}{2}$ Prior Year Ended December 31 |
| :---: | :---: | :---: |
| 1. Book/adjusted carrying value, December 31 of prior year | 124,645,617 | 94,609,084 |
| 2. Cost of acquired: |  |  |
| 2.1 Actual cost at time of acquisition. | 357,196 | 12,298,294 |
| 2.2 Additional investment made after acquisition | 19,413,093 | 24,230,809 |
| 3. Capitalized deferred interest and other |  |  |
| 4. Accrual of discount. |  |  |
| 5. Unrealized valuation increase (decrease) | 4,967,412 | 804,171 |
| 6. Total gain (loss) on disposals | 2,011,032 | 1,581,879 |
| 7. Deduct amounts received on disposals | 8,735,925 | 7,501,356 |
| 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 |  | 1,377,264 |
| 11. Book/adjusted carrying value at end of current period (Lines $1+2+3+4+5+6-7-8+9-10$ ) | 142,658,425 | 124,645,617 |
| 12. Deduct total nonadmitted amounts |  |  |
| 13. Statement value at end of current period (Line 11 minus Line 12) | 142,658,425 | 124,645,617 |

## SCHEDULE D - VERIFICATION

Bonds and Stocks


# STATEMENT AS OF SEPTEMBER 30, 2017 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:
NAIC 1 \$
...72,660,203; NAIC 2 \$
128,457,584; NAIC $3 \$$
39,968,918 NAIC $4 \$$
NAIC 5 \$
NAIC $6 \$$

## SCHEDULE DA - PART 1

|  | 1 | 2 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Short-Term Investments |  |  |
| Book/Adjusted |  |  |
| Carrying Value |  |  |$\quad$| 5 |
| :---: |
| Par Value for |

## SCHEDULE DA - VERIFICATION

Short-Term Investments


# 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, 2017 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE E - VERIFICATION


SCHEDULE A - PART 2
Showing All Real Estate ACQUIRED AND ADDITIONS MADE During the Current Quarter

| Description of Property | Location |  | 4 | - ${ }^{\text {a }}$ | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
|  | City | 3 State | Date Acquired |  | Actual Cost at Time of Acquisition | Amount of Encumbrances | Book/Adjusted Carrying Value Less Encumbrances | Additional Investment Made After Acquisition |
| Office park mith four undeveloped lots total ing 20.37 acres of land. | Lincoln. | .R1. | .-..09/25/1992 | Various |  |  | 4,618,578 | .417,974 |
| Four-story office building on 19.07 acres of land (10 Bldg). | Lincoln. | RI | --- 09/25/1992 | Various |  |  | . $5,301,270$ | 34,45 |
| Three-story office building on 12.4 acres of land (25 Bldg.) ._. | Lincoln ...... | .RI. | - - . $0.09 / 25 / 1992$ | Various |  |  | 10,059, 204 | 429,649 |
| Four-story office building with full basement on 8.07 acres of land ( 50 Bldg.) | Linooln | .f1. | .09/25/1992 | Various, |  |  | 4,823,445 | 103,789 |
| Five-story office building on 21.98 acres of land (100 BIdg.) -....... | Linooln. | .R1. | - 09/25/1992 | Various | - |  | 16, 166,378 | ${ }_{36,766}$ |
| One-story off ice building located on 6 acres of land. | Lincoln | R1. | .01/10/1994. | Various |  |  | 1,310,416 | 5,130 |
| 0199999. Acquired by Purchase |  |  |  |  |  |  | 42,279,291 | 1,027,803 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 0399999 - Totals |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 42,279,291 | 1,027,803 |

SCHEDULE A - PART 3


SCHEDULE B - PART 2


SCHEDULE B - PART 3


## SCHEDULE BA - PART 2



## SCHEDULE BA - PART 3



SCHEDULE D - PART 3

| CUSIP Identification | Description | Foreign | Date Acquired | Name of Vendor | Number of Shares of Stock | Actual Cost | Par Value | Paid for Accrued Interest and Dividends | 10 <br> NAIC Desig- <br> nation or <br> Market <br> Indicator <br> (a) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OWNA HECU POOL - AA7515 |  | .09720/2007 |  |  |  |  |  |  |
| ${ }^{365190-45-1} \ldots$ |  |  | - 099/20/201717 | ${ }_{\text {ACCBETION }}^{\text {ACOEE }}$ |  | -151,138 |  |  | 1. |
| ${ }^{83162-Y T-4}$ | US SBA SER 2017-206. |  | - 07/06/2017 | various. |  | 15,500,000 |  |  |  |
| ${ }^{831628-C 8-3}$ | US SBR 25 Y YAR POLL 100095 |  | -08/0920017 | STIFEL, N NCOLAUS \& 0 |  | ${ }^{3,623,666}$ | 3,416,035 | 5,041 |  |
| $\left.\right\|_{881628-\mathrm{C}-3} ^{83162-2}$ | US S8A 25 Y VAR Pool 1100131 |  | -07712/2017 | NVE FIMANCICIL |  | $\begin{array}{r}11,36,750 \\ \text { n, } 159118 \\ \hline\end{array}$ | $10,800,000$ , 188300 |  |  |
| 0599999. Subtotal - Bonds - U.S. Governments |  |  |  |  |  | 2, $2,877,815$ | 32,081, 278 | 25, 284 | XXX |
| 2547P-NT-8. | DIIST OF COLUVBIA HSG FIN SER 2017 |  | 08/10/2017 | JJEFERIES C COIPANY |  | 12,000,000 | 12,00,000 |  | 1 FE |
|  | FNAA POOL \# A 12612 |  | -08/01/2017 | CIT IGPaup global M MTS INC |  | $\begin{array}{r}7,918,716 \\ \hline, 1845 \\ \hline\end{array}$ | 7,648,624 | 9,667 |  |
|  |  |  | $\begin{array}{r}\text { 088/25/217 } \\ \hline \quad 08 / 2317\end{array}$ |  |  | $\begin{array}{r}1,184,552 \\ 1,105,700 \\ \hline\end{array}$ | $\begin{array}{r}1,143,977 \\ \hline 982,985 \\ \hline\end{array}$ | +1,335 |  |
| 3140-K-H6-0 | FWNA POOL \# BE0252 |  | -08/25/2017 | Nownr securities |  | 1,004,772 | 950,701 | 1,268 |  |
| 3440F-NS-3 | FNNA POOL \# BEE500 |  | .08/0322017 | NOWRA SEE |  | 2,050,014 | ${ }^{1,982,785}$ | 2,506 |  |
| $\left.\right\|^{31440 F-H-H-3}$ |  |  | -07727/217 <br> $\quad 08 / 230217$ |  |  | 2,827, , 29 1,239 1,134 |  |  |  |
| ${ }^{314005} 5 \mathrm{P} \mathrm{C}-8$ | FNWA P Poul $\#$ Bu132 |  | .00726/2017 | CITI forue plloghl Mits IIC |  | 21,336,989 | 20,731,248 | 20.202 |  |
| 3199999. Subtotal - Bonds - U.S. Special Revenues |  |  |  |  |  | 50,51,226 | 49,26, 674 | 48,002 | XXX |
| 03524-AP-1 | ANHELSER BUSCH INEEV FINANCE INC |  | 09/18/2017 | Various .-._- |  | 2,711,674 | 2,615,000 | 12,991 | 2 EE |
| 02026--00-1 | ATET IIC NTS -- |  |  | GOLDIMN, SACHI \& 20. |  | 2,672,098 | 2,600,000 |  | 2 FE |
| ${ }^{128647-A L-2}$ | (e) |  | -0719192017 | - |  | -1, | $1,872,110$ 2 2 140000 |  | ${ }_{\text {dee }} 1$ 1FE |
| 46647-AE-0 |  |  | - 08/09/2017 | various |  | 20,417, 188 | 20,00, 000 |  | 1FE |
|  | PPIORGAN COHSEE SS NTS. |  | - 08/11/2017 | GODDAN, SIACHE \& 80. |  | +, $2,891,388$ | - ${ }^{2,825,000}$ | 4 4,452 | 1FE |
|  | \|latiole |  | - 099182/2017 | $\left\lvert\, \begin{aligned} & \text { MAAFEE AXESS } \\ & \text { MARET AXESS }\end{aligned}\right.$ |  | $\begin{array}{r}1,132,341 \\ \hline-42,819\end{array}$ | $\begin{array}{r}1,030,000 \\ \hline 30,000 \\ \hline\end{array}$ |  | 1FE |
| 694308-6Y-7 | PACIFIC GAS 8 Electric Co NTS |  | - 09/19/2017 |  |  | 428,162 | ${ }^{390} 0000$ | 4,680 | 1 FE |
|  | THME VAANER MNC NTS |  | -09917/2017 |  | - | ${ }_{2}^{2,8899,182}$ | $\begin{array}{r} \quad 2,840,000 \\ -\quad 2,80000 \\ -\quad 2, \end{array}$ | 20,036 a,116 a | ${ }_{2}^{2 \mathrm{EE}}$ |
| ${ }^{931142-C 8-7}$ | YGL MART STORES INC MOTES - |  | -09/15/2017 | vanlous |  | 2,317,279 | ${ }^{1,880} \mathbf{1 , 0 0 0}$ |  | 1 FE |
| 82258-A0-4 | SHELL I INEPMATONAL FINACE NTS. |  | 09907/2017 | MAARET AXESS |  | 366,514 | 260,000 | 3,959 |  |
| 3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) |  |  |  |  |  | 43, 182,908 | 41,32, ,110 | 157,300 | xxx |
| 8399997. Total - Bonds - Part 3 |  |  |  |  |  | 126,601, 949 | 122,655,022 | 230,58 | XxX |
|  |  |  |  |  |  | XXX | XXX | XXX | XXX |
| 8399999. Total - Bonds |  |  |  |  |  | 126,601,949 | 122,655,002 | 230,586 | XXX |
| 8999997. Total - Preferred Stocks - Part 3 |  |  |  |  |  |  | XXX |  | XXX |
| 8999998. Total - Preferred Stock - Part 5 |  |  |  |  |  | XXX | XXX | XXX | XXX |
|  |  |  |  |  |  |  | XXX |  | XXX |
| 152771-10-9 | ALEXAWRIA AEAL ESTATE ECUIT TIES |  | 08/24/2017 | Sanford C. Bernst ein \& Co |  | 3,887,932 |  |  |  |
| ${ }_{\text {and }}^{0} 0$ | ALLIANCE DATA SYTTEMS CORPORATION |  | -07/26/2017 |  |  | $1.070,624$ $2.944,695$ 1 |  |  |  |
| 037888-10-1 | APARTIENT INESSTHENT ALO MGAT co |  | -09/88/2017 | Various | 167,27.000 | 7,397,442 |  |  |  |
| ${ }^{0} 04040-10-10-9$ | ABGAN InC |  | 099/21/2017 | millam blarir co. | 16,3655.000 |  |  |  |  |
| ${ }^{30202086-10-2} \ldots$ |  |  | - 097132017 | EVECCOR ISI | $8,817.000$ 34.36000 | -53,299 |  |  |  |
| 053484-10-1 | AVyLLOMBAY Cammenties inc |  | -09/07/2017 | Evercoral IsI | 6,612.000 | 1,229,443 |  |  |  |
| ${ }^{0.097488-10-0}$ | ${ }^{\text {bodancles }}$ INC |  | .08804/2017 | $\pm$ Everoric IS | 79,723.000 | 1,077,229 |  |  |  |
| $101121-10-1$ |  |  | $\begin{array}{r}\text { 0907072017 } \\ \hline \quad 08 / 24 / 2017\end{array}$ |  | $\begin{array}{r}7,688.000 \\ \hline 29885000\end{array}$ | -977,450 |  |  |  |
| 12504-10-9 | CBBE GROUP INC |  | 09/07/2017 | EVERCOOE ISI | 14,325.000 | 516, 942 |  |  |  |
| 2755-10-2 | CISCO SYTEEVINS INC |  | 09/13/2017 | J.P. MIOGGAN SECURITIES | 10,407.000 |  |  |  |  |
| ${ }_{2}^{218770-10-5}$ | CORESITE REALTY COBP |  | . $07 / 10102017$ | EVEECORE IST | ${ }^{422,691.000}$ | 4,418,775 |  |  |  |
| ${ }^{2282925-10-6-1}$ | Copow Caste INL COAP |  | -0901072017 | Everone Is1 |  | 1, |  |  |  |
| 235851-10-2 | DANHHER COPP |  | 09/20/2017 | Evercoine IS | 29,801.000 | 2,573,194 |  |  |  |
| ${ }^{2495098-10-9}$ | densely Sidan Inc |  | -09/21/2017 |  |  | - $\begin{gathered}654,395 \\ 93355\end{gathered}$ |  |  |  |
| ${ }^{235888-10-3}$ |  |  | -09907/2017 | WERCER |  |  |  |  |  |
| 26138-10-9 | DR PEPPER SIMPPLE GROUP IIC |  | 09/13/2017 | LLEX Broin \& Sows | 8,932.000 | 820 |  |  |  |
| 264411-50-5. | DUKE RELLTY COPP ......... |  | .07/19/2017 | EVEECOOE $\mid$ IS | 43, 428.000 | 4,139,633 |  |  |  |

SCHEDULE D - PART 3

| CUSIP Identification | Description | Foreign | Date Acquired | Name of Vendor | Number of Shares of Stock | Actual Cost | Par Value | Paid for Accrued Interest and Dividends | 10 <br> NAIC Desig- <br> nation or <br> Market <br> Indicator <br> (a) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 23355-10-6. | OXC TECHOLOCOY co |  | ${ }^{09 / 13 / 2017 .}$ |  |  | 2,372,976 |  |  |  |
| 28120-10-7. |  |  | 099/20/2017 09/2017 |  |  | 1, 255,678 |  |  |  |
| 29476L-10-7 | EOUITY RESIDENTIAL |  | ${ }^{0} 090707 / 2017$ | Santord C. Bernstein $\frac{1}{\text { c Co }}$. | -18,249.000 | -1, |  |  |  |
| 297178-10-5 | EsSEX PROPEETYY TRUST |  | 09/07/2017 | Sanford C. Bernstein \& $\mathrm{CO}_{0}$. | 3,112.000 | 827,081 |  |  |  |
| 30049A-10-7 | EVOUUTION Petraleul Conp |  | 09/21/2017 | JJFFERIES \& COIPANY | $\bigcirc \quad-\quad 164,097.000$ | $\bigcirc \square-\quad-\quad 1{ }^{1,132,695}$ |  |  |  |
| 302130-10-9 | EXPEODTOPS INL INSGH IMGTON IIC |  | ${ }^{09 / 14 / 2017}$ - | MILLIANM BLAIR 8 Co. |  | $\square \quad 4$ |  |  |  |
| ${ }^{302255-10-2}$ | ExTRA PPACE STORAEE INC |  | ${ }^{09 / 077 / 2017}$ | Santord C. Bernstein \& Co. |  | 523,294 |  |  |  |
| ${ }^{313374-20-6}$ | FEEEEALL EEALY INEESTMENT TRUST |  | 07/2017 | Santord C. Bernstei |  |  |  |  |  |
| - 3617474 -10-10-1 | ${ }_{\text {HCP IICO }}^{\text {Ged }}$ |  | ${ }^{009 / 0772012017}$ |  | ${ }^{23,157.000}$ |  |  |  |  |
| $422255-50-1$ | HEALTCARE TRIUST Of MIERICA |  | 07/10/2017 | Everecone isi | 41,613.000 | 1,239,660 |  |  |  |
| 433516-10-6 | HOLEVYELL L ITEEMUTIONAL IIC |  | 08/23/2017 | Evercore ISI | 8,384.000 | 1,145,671 |  |  |  |
| 44107P-10-4 | HOST HOTELS \& RESORTS IMC |  | .09007/2017 - | EVEECOOE ISI | 73,921.000 |  |  |  |  |
| 460146-10-3 | INTEMNT TONAL PAPER COIPAMY |  | -097132017 |  | ${ }^{20,055.000}$ |  | - |  |  |
| $466871 /-10-1$ <br> $46884 /-10-1$ |  |  | ${ }^{0.08 / 17 / 2017}$ | Santord C. Bernstein \& Co. | 102,757.000 $13,25.000$ | $\cdots$ |  |  |  |
| 469814-10-7 | JACOBS ENGINEERING GPOUP INC |  | 09/44/2017 | \#ILLIAM BLIIR \& CO. | 5,849.000 | ${ }^{327,053}$ |  |  |  |
| ${ }_{\text {a }}^{485170-30-2}$ | KAISAS ITIY SOUHHERN |  | .09/14/2017 |  |  |  |  |  |  |
| ${ }^{494466-10-9}$ |  |  | ${ }_{0}^{09907 / 72012017}$ | Evercone ISI | 20,253.000 5,639.000 |  |  |  |  |
| 57178-10-2 | Marsh \% M Ma Eman Colupanes IIC |  | 09/13/2017. | WILIAM BLAIR \& Co. | 25,030.000 | 2,049,276 |  |  |  |
| 595017-10-4 | MICFOCCHP TECHOLOGY INC |  | .09/13/2017 | ALEX Brown \& Sons | 11,105.000 | .981,666 |  |  |  |
| ${ }_{\text {a }} \begin{aligned} & 55522-10-10-3 \\ & 63680-10-1\end{aligned}$ | MII-MIIERICA APAATIUENT COMM. Inc |  | -07/24/2017 |  | $\begin{array}{r}41,541.000 \\ 16.726000 \\ \hline\end{array}$ | 4, 4,4095959 |  |  |  |
| 67103H-10-7 | O'REILYY AUTOOTIVE ICC. |  | 09/13/2017 | J.P. MOGGAN SECURITIES | - $\quad 10.41220 .000$ | ${ }_{\text {922, } 287}$ |  |  |  |
| 68389-10-5 | OAACLE COPPOPATITN |  | .08/24/2017 | WILLIAM BLAIR \& $C 0$. | -49,962.000 | $\square \square \quad$ 2,454,098 |  |  |  |
|  |  |  | -0971/1/2017 |  | 31,.52.000 176,26000 | - |  |  |  |
| $7734001-10-3$ | Proolois InC |  | $09 / 07 / 2017$ | Sanford C. Bernstein a Co. | 25,904.000 | ${ }^{1,651,077}$ |  |  |  |
| ${ }^{743600-10-5}$ | Prosererity baccinaes |  | 088/24/2017 | JEFFFRESES COIPANY |  | 1,773,910 |  |  |  |
| ${ }^{7} 74600-10-9$ |  |  | 08/21/2017 $\times 09 / 20 / 2017$ | -V.P. MOGCAEAN SECURTITES | 20,026.000 6,655000 | $-4,009,618$ 514,394 |  |  |  |
| 756109-10-4 | REALTY INCOIE COOPP |  | 09077/2017 | Sanford C. Bernstein \& Co. | 45,464.000 |  |  |  |  |
| 758766-10-9 | REGAL ENEETA A MIENE GPOOP |  | -07/26/2017 | - MILLIAM BLAR \& co $^{\text {a }}$ | .52,105.000 |  |  |  |  |
| ${ }^{78573-10-6}$ | $\pm$ SABAA HEALTH CAAE AEEIT MC |  | $08 / 2172017$ 090172017 |  | $189,812.000$ 6.113000 | 4,082,609 |  |  |  |
| $88880-10-9$ | SIION PROPEETY G GFOUP INC |  | 09907/2017 | EVIRCOORE ISI | 33,700.000 | 5, 282,041 |  |  |  |
| ${ }^{833334-10-1}$ | Slup on Inc |  | 09/2012017 | various | 9,8433.000 | -1,481,590 |  |  |  |
| ${ }^{835976-10-5}$ |  |  | 0811212017 $.07 / 12 / 207$ |  | 68,398.000 $12,818.000$ | $\begin{array}{r}2,251,618 \\ 1,074 \\ \hline\end{array}$ |  |  |  |
| 904311-20-6 | UDOER ARIVOUR IIC |  | .08/24/2017 | Evercoin 1 II | 55,82,.000 | 881,337 |  |  |  |
| 922766-10-0 | VENTAS IIC |  | 09/07/2017 | Sanford C. Bernstein \& Co. | 17,947.000 | $\cdots-1 .-1,238,707$ | $\square$ |  |  |
| ${ }^{923343} 10-10-4$ | - VERIZON COMMNNCATONS |  | .08/23/2017 | $\pm$ | $24,64.000$ <br> 51.642 .000 | -1, 193,893 |  |  |  |
| 95040-10-4 | weltolier inc ...ast |  | 08/08/2017 | EVERCOORE ISI | 61.593.000 | 4.430 .378 |  |  |  |
| 961450-10-5 | MESTROCK $\mathbf{c o}$ |  | .099/20/2017 | JEFFERIES \& COIPAMY | 12,382.000 | .721,058 |  |  | - |
| ${ }^{9624166-10-4}$ | \|reverablien co |  | -090772017 |  |  |  |  |  |  |
| 65960-10-3 | nedrawnic PLC | D. | 09/13/2017 | J.P. Mogat selurities | 11,525.000 | 944,388 |  |  |  |
| ${ }^{5}$ |  |  | 09901/2017 $09 / 13 / 2017$ |  | $6,625.168$ 17.549 .000 | $\begin{array}{r}185,640 \\ \hline 1.077 \text { 752 } \\ \hline\end{array}$ |  |  |  |
| 9099999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) |  |  |  |  |  | ${ }^{124,176,566}$ | XXX |  | XXX |
| 044820-73-6...... | \|lal |  |  | $\left\lvert\, \begin{aligned} & \text { DIVIDEED REINESTHENT } \\ & \text { FIOELTY INESTVENS }\end{aligned}\right.$ | ${ }^{4.671 .1854 .78002}$ | 20,495 |  |  |  |
| 9299999. Subtotal - Common Stocks - Mutual Funds |  |  |  |  |  | ${ }^{55,00,000}$ | xxx |  | XXX |
| 9799997. Total - Common Stocks - Part 3 |  |  |  |  |  | 179, 197,051 | XxX |  | XxX |
|  |  |  |  |  |  | XXX | XXX | XXX | XX |
| 9799998. Total - Common Stocks - Part 5 |  |  |  |  |  | 179,197,051 | XXX |  | XXX |

# STATEMENT AS OF SEPTEMBER 30, 2017 OF THE AMICA MUTUAL INSURANCE COMPANY 

SCHEDULE D - PART 3


SCHEDULE D - PART 4


SCHEDULE D - PART 4


SCHEDULE D - PART 4


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[b]{5}{*}{1} \& \multirow[b]{8}{*}{Description} \& \multirow[t]{7}{*}{} \& \multirow[t]{6}{*}{} \& \multirow[t]{6}{*}{} \& \multirow[t]{5}{*}{} \& \multirow[t]{7}{*}{} \& \& \& \& \multicolumn{5}{|l|}{} \& \multirow[b]{8}{*}{} \& 17 \& 18 \& 19 \& 20 \& 21 \& 22 \\
\hline \& \& \multicolumn{13}{|l|}{\multirow[t]{7}{*}{}} \& \& \& \& \& \& \& \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& Desig- \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& Fore \& \& \& Bond \& Stated \& nation \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& Exchange \& Realized \& \& Stock \& \& \\
\hline CUSIP \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& Gain \& Gain \& Total Gain \& Dividends \& actual \& In- \\
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& (Loss) on \& (Loss) on \& (Loss) on \& Received \& Maturity \& \\
\hline ification \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& Disposal \& Disposal \& Disposal \& DuringYear \& \& (a) \\
\hline  \&  \& \& .09/01/2017 09/01/2017 \& PRINCIPAL RECEIPT \& \& \begin{tabular}{l}
207,710 \\
25.00
\end{tabular} \& \& . 2007.710 \& \begin{tabular}{l}
207,710 \\
24.875 \\
\hline
\end{tabular} \& \& \& \& \& \& \[
\begin{aligned}
\& 207,710 \\
\& 20,887
\end{aligned}
\] \& \& \& \& \& - 1 -1201/2034 \& \({ }_{\text {IFE }}\) \\
\hline - 60036 -T8-6 \&  \& \multirow[t]{2}{*}{} \& \begin{tabular}{l}
09/01/2017 \\
09/01/2017
\end{tabular} \& \begin{tabular}{l}
VARIOUS \\
CALLED
\end{tabular} \& \& \[
\begin{aligned}
\& . .255,000 \\
\& .385,000
\end{aligned}
\] \& \[
\begin{array}{r}
25,000 \\
. \quad 385,000
\end{array}
\] \& \[
\begin{array}{r}
24,844 \\
.385,000
\end{array}
\] \& \& \& \& \& \& \& \[
\begin{array}{r}
24,877 \\
.385,000
\end{array}
\] \& \& \& \& \begin{tabular}{l}
\(1.1,25\) \\
6,402 \\
\hline 1
\end{tabular} \& \(\xrightarrow{.09901 / 2038} \mathbf{1 1 / 1 / 2 0 4 0}\) \& \\
\hline -606378-C-CP-3 \& MISSORI ST HGG DEV 2013 Sen a \& \& -0901/2017 \& \({ }_{\text {chele }}^{\text {calle }}\) \& \& -355,000 \& -1355,000 \& - \(\quad 1850,6000\) \& -155,321 \& \& (47) \& \& (47) \& \& -385, \({ }_{\text {15, } 274}\) \& \& (274) \& (274) \& \(\stackrel{6,622}{2,622}\) \& 11/01/2041 \& 1 FE \\
\hline .606378-CR-9 \& MIISSORI ST HEG DEE 2013 SER D \& \& .09/01/2017 \& Princlipll ReEEIPT \& \& 109,873 \& \({ }^{109,873}\) \& -109,873 \& 1098873 \& \& \& \& \& \& 109,873 \& \& \& \& 1,811 \& 10/01/2034. \& FEE \\
\hline .606378-011-6 \&  \& \& .09/01/2017 \& \({ }^{\text {CALLED }}\) ( \& \& 260,000 \& \({ }^{2600000}\) \& -279,477 \& 277,038 \& \& (1, 108) \& \& (1, 1108\()\) \& \& 275,930 \& \& (15,930) \& (15,930) \& 8,100
8 \& 11101/2045 \& TEE \\
\hline  \&  \& \& -09001/2017 \& \({ }^{\text {CaLlL }}\) \& \& \begin{tabular}{l}
225,000 \\
12000 \\
\hline
\end{tabular} \& \({ }^{225,000}{ }_{120}\) \& -243,425 \& \(\begin{array}{r}\text { 241, } 14 \\ \hline 129 \\ \hline 037 \\ \hline\end{array}\) \& \& \(\left(\begin{array}{c}(1,050) \\ (638) \\ (1)\end{array}\right.\) \& \& \(\left(\begin{array}{l}(1,050) \\ (688)\end{array}\right.\) \& \& \({ }_{1}^{248,399}\) \& \& (15,069) \(\begin{gathered}(8,399)\end{gathered}\) \& (15, 8 (1399) \& 7,000
4.000 \& -11/01/2045 \& 1 1FE \\
\hline . \(606373-K 2-2\) \& IIISSOURI ST HSG DEV 2016 SER \(A-2\) \& \& 08/01/2017 \& CALLED \& \& 166,000 \& 165,000 \& -180,446 \& .179, 237 \& \& \& \& (894) \& \& 178, 343 \& \& \& (13, 343) \& 4,950 \& .05/01/2040 \& 1FE \\
\hline -639884H-H2-2 \& NeBrack huosing rev 2013 Stile E \& \& .09001/2017 \& Called \& \& \({ }^{125,000}\) \& 125,000 \& 129,254 \& -127,995 \& \& \& \& \& \& -127,754 \& \& \& (2, 154\()\) \& 3,425 \& .09901/2043 \& 1FE \\
\hline .639881-EV-7 \& NEBRASKA ST INV FIN AUT 2013 SER A \& \& .08001/2017 \& Called \& \& 10,000 \& 10,000 \& -10,250 \&  \& \& \& \& \& \& \(\begin{array}{r}10,158 \\ \hline 16,84 \\ \hline 168\end{array}\) \& \& (158) \& (158) \& 263 \& . \(03301 / 2043\) \& 1FE. \\
\hline  \& NEBRASA ST INV FIN AUT 2015 SER A
NEEN UEXICO FIN AUTH 2007 SER E-2 \& \& -09901/2017 \& \({ }_{\text {Calle }}^{\text {Calle }}\) Cole \& \& 205,000
637,300 \& 205,000
\(.625,000\) \& \(\begin{array}{r}\text { 219,364 } \\ \hline . .667,313\end{array}\) \& \(\begin{array}{r}.217,479 \\ .636,075 \\ \hline\end{array}\) \& \& \& \& \& \& 216,814
633,961 \& \& \(\begin{array}{r}(11,84) \\ \hline 3,339\end{array}\) \& \(\begin{array}{r}(11,814) \\ \hline \\ \hline, 339\end{array}\) \& \& \({ }^{.09101 / 2045}\) \& FEE \\
\hline 647200-4R-2 \&  \& \& -0901/2017 \& Calleo \& \& b77,300
175,000 \& \begin{tabular}{l} 
- 1755000 \\
\hline 150
\end{tabular} \& \(\stackrel{1}{-1856707}\) \&  \& \& \& \& \& \& -633,957 \& \& \&  \& \(\underset{\substack{38,125 \\ 6,125}}{ }\) \& \({ }^{0} 01 / 21 / 2046\) \& 12E \\
\hline .64720-2F-0 \& NEEV NEXICO WTG FIN AUTH 2014 SER A \& \& .09/01/2017 \& various \& \& \({ }^{65,000}\) \& .65,000 \& 69,805 \& .68,457 \& \& (305) \& \& (305) \& \& \({ }^{688,152}\) \& \& (3, 152) \& (3,152) \& 2,655 \& .0301/2044 \& 1FE \\
\hline 647200-3P-7 \&  \& \& .0901/2017 \& PPIICIPALL RE \& \& \({ }^{263,250}\) \& 263,250 \& -. 2638,250 \& -. 263,250 \& \& \& \& \& \& \& \& \& \& \& .09/01/2037 \& 1 FE \\
\hline  \&  \& \multirow[t]{2}{*}{} \& -09001/2017 \& \({ }^{\text {CadLL }}\) Cod \& \& 33,000
75,000 \& \(\begin{array}{r}\text {-30,000 } \\ \hline 75,000\end{array}\) \& 32,054
\(\quad 38,791\) \& 32,013
788809 \& \& (1464) \& \& (1564) \& \& \begin{tabular}{l}
31,859 \\
78,345 \\
\hline
\end{tabular} \& \& \(\left(\begin{array}{c}(1,899) \\ (3,345) \\ \hline\end{array}\right.\) \& \(\underset{(3,345)}{(1,899}\) \& - \({ }_{3}^{1811}\) \& - \({ }^{.03 / 01 / 2025}\) \& |re \\
\hline 67737-2P-7 \& OHIO HGG FIN AEV BOUNS 2016 SER 1 \& \& 09/01/2017 \& CALLED \& \& 130,000 \& 133,000 \& -130,000 \& 130,000 \& \& \& \& \& \& 130,000 \& \& \& \& \& 11/01/2041 \& 1 FE \\
\hline -67737-212-4 \& OHHO ST HSG FIN AGG 2013 SER 2 . \& \& .0901/2017 \& CALLED \& \& 225,000 \& 225,000 \& \(\begin{array}{r}225,000 \\ \hline \quad .153\end{array}\) \& 225,000 \& \& \& \& \& \& 225,000 \& \& \& \& \& \({ }^{111 / 01 / 2041}\) \& 1FE \\
\hline -678861-N-5 \& OKLAHOMA HSG FIN AGY 2011 SER B \& \& \({ }^{\text {a }}\) \& \({ }_{\text {ctal }}^{\text {CALLED }}\) \& \& .85,000
131,694 \& \begin{tabular}{l}
. 8151,000 \\
\hline 1804
\end{tabular} \& \[
\begin{array}{r}
91,523 \\
.131,694
\end{array}
\] \& \begin{tabular}{l} 
- 881,375 \\
\hline 131,64 \\
\hline
\end{tabular} \& \& \& \& .(389) \& \& \begin{tabular}{l} 
- \\
1371,989 \\
\hline 1096
\end{tabular} \& \& (2,986) \& (2,986) \& \begin{tabular}{l}
3,488 \\
2,927 \\
\hline
\end{tabular} \& \({ }^{\text {a }}\).0901/1/2027 \& 1 1FE \\
\hline 67788011-PR-4 \& OKLAHOMA ST HSG FIN AGY 2013 SEEA \& \& 09/01/2017 \& various \& \& 110,000 \& 110,000 \& 110,000 \& 110,000 \& \& \& \& \& \& 1110,000 \& \& \& \& \& 09/01/2041 \& 1 FE \\
\hline 6778861/Ps-2 \& OKLAHOUM ST HSG Fin AgY ser b tax \& \& .09/01/2017 \& CALLED \& \& 440,000 \& 40,000 \& . 445,883 \& \({ }^{422,845}\) \& \& (488) \& \& -(488) \& \& 422,357 \& \& (2,357) \& (2,357) \& 7,940 \& .09/01/2041 \& 1FE \\
\hline  \& ORAMGE CNTY FL HSG ATH SEE 2011B \& \& -0901/12017 \& \({ }_{\text {ctalle }}^{\text {Calle }}\) \& \& \begin{tabular}{l}
205,000 \\
165,000 \\
\hline
\end{tabular} \& \(\begin{array}{r}2050000 \\ \hline 165.000 \\ \hline\end{array}\) \& \(\begin{array}{r}\text { P18,526 } \\ \hline 165.00 \\ \hline\end{array}\) \& 211,601
165.000 \& \& \& \& .(994) \& \& \begin{tabular}{l}
210,608 \\
165,000 \\
\hline
\end{tabular} \& \& \& ( 5,608\()\) \& \& \({ }^{.0301 / 1 / 2031}\) \& \({ }_{\text {dex }}^{\text {1FE }}\) \\
\hline  \&  \& \& -09/1/2017 \& \({ }_{\text {cole }}^{\text {calle }}\) \& \& \(\begin{array}{r}165,000 \\ 10,000 \\ \hline 1\end{array}\) \& \(\begin{array}{r}165,000 \\ -10,000 \\ \hline\end{array}\) \& -100,6099 \& \(\begin{array}{r}165,000 \\ \hline-10,623\end{array}\) \& \& \& \& \& \& 10,587 \& \& \& \& \& \({ }^{1 / 2301 / 204260}\) \& 1FE \\
\hline - \(7231611 \mid 1-8\) P-7 \& PiNeLlas any fl hga fin dut seh b \& \& -09/01/2017 \& various \& \& 75,000 \& 75,000 \& 79,952 \& -77,592 \& \& (249) \& \& (249) \& \& 57.343 \& \& (2, 343) \& (2,343) \& 2,990 \& .0901/2027 \& 1FE \\
\hline - \& TEXXA ST DPPT OF HGG 2017 SER B \& \multirow[t]{2}{*}{} \& -09001/2017 \& \({ }_{\text {PRIICCPALL }}^{\text {CeCEIPT }}\) \& \& \(\begin{array}{r}\text { 92, } \\ \text { 1424 } \\ 145000 \\ \hline\end{array}\) \& -92,724 \& - 92,724 \& \& \& \& \& \& \& -92,724 \& \& \& \& \& - \& \\
\hline - \&  \& \& \multirow[t]{3}{*}{09/01/2017
09/01/20077
09/001/2017
\(09 / 1 / 2017\)} \& \({ }_{\text {cta }}^{\text {CaLLED }}\) \& \& \begin{tabular}{l}
1455000 \\
\hline 35,000
\end{tabular} \& \(\begin{array}{r}1455000 \\ .35,00 \\ \hline\end{array}\) \& \[
\begin{array}{r}
.145,000 \\
.37,216
\end{array}
\] \& \(\begin{array}{r}1455000 \\ \hline 35,888 \\ \hline\end{array}\) \& \& \& \& (99) \& \& - \({ }_{\text {a }}\) \& \& (889) \& (889) \& \& \({ }^{\text {a }}\) \& \\
\hline . \(8882757-\mathrm{NT}-2\) \&  \& \multirow[t]{2}{*}{} \& \& CALLED \& \& 235,000 \& .235,000 \& .235,000 \& \({ }^{235,000}\) \& \& \& \& \& \& 235,000 \& \& \& \& \& . \(03011 / 2036\) \& \\
\hline \begin{tabular}{l}
.93978X-ER-7 \\
93978X-EQ-9
\end{tabular} \& WASHINGTON ST HSG FIN COM 2015 B NASHINGTON ST HSG FIN COMM 2015 A \& \& \& \({ }^{\text {cha }}\) CALLED \& \& 170,000
185000 \& \(\begin{array}{r}170,000 \\ 185,000 \\ \hline\end{array}\) \& \(\begin{array}{r}170,000 \\ 185000 \\ \hline\end{array}\) \& \[
\begin{aligned}
\& -1770,000 \\
\& \hline .185,000
\end{aligned}
\] \& \& \& \& \& \& \[
\begin{aligned}
\& .170,000 \\
\& .185,000
\end{aligned}
\] \& \& \& \& \(\begin{array}{r}3,429 \\ 3,569 \\ \hline\end{array}\) \& \({ }^{.05101 / 2041}\) \& \({ }_{\text {Fee }}^{1 / 2}\) \\
\hline \multicolumn{6}{|l|}{3199999. Subtotal - Bonds - U.S. Special Revenues} \& 17,811, 190 \& 17,98,899 \& 18, 126,675 \& 10,694,942 \& \& (22,085) \& \& (22, 085 ) \& \& 18,020,868 \& \& (209,678) \& (209,67 \& 445,259 \& XXX \& XXX \\
\hline .00848-4JJ 6 \& AGGTE BAY IIGG TIUST 2015-5 CL 49 \& \multicolumn{3}{|r|}{\multirow[t]{17}{*}{}} \& \& 318,605 \& .318,605 \& \& \({ }^{326,388}\) \& \& \& \& \& \& \& \& \& \& \& 07/25/2045 \& \\
\hline . \(0088427-120-0\) \& AGATE BAY MTG TIUST 2016-1 CL A 4 \& \& \& \& \& \({ }_{465.115}{ }^{87}\) \&  \&  \& \({ }^{\text {84, }} 8.195\) \& \& \[
(11,253):
\] \& \& \(\begin{array}{r}1,243 \\ \hline(11.953) \\ \hline\end{array}\) \& \& \(\begin{array}{r}\text { 87, } \\ 4659 \\ 465 \\ \hline 115\end{array}\) \& \& \& \& \begin{tabular}{l}
1.1 .588 \\
8.937 \\
\hline 18
\end{tabular} \& \({ }^{121 / 25 / 2045}\) \& , \\
\hline -00822-1-4-3 \&  \& \& \& \& \& - \({ }_{\text {3,709, } 435}\) \&  \& 3,609,498 \& - \(3,6774,698\) \& \& \(\begin{array}{r}(11,93) \\ \hline 10,405 \\ \hline\end{array}\) \& \& - (11,939 \& \& 3,685,101 \& \& \& \& \({ }_{49,971}^{8,987}\) \& \({ }^{.08 / 25 / 2046}\) \& \\
\hline 21987-A0-8 \& COPPOPATE BOND-KKO SER 1998-CAT-1 \& \& \& \& \& .422,379 \& -422,379 \& -424,845 \& -422,577 \& \& \& \& \& \& \({ }_{4}^{422,480}\) \& \& (101) \& (101) \& \({ }^{2} \mathbf{2 7 , 4 5 5}\) \& 03/01/2018 \& 1FE \\
\hline 22944-AA-5 \& CeEDT SUISSE ITG TTUST 2013-TH1 \& \& \& \& \& 1,242,511 \& 1,242,511 \& 1, 198,635 \& 1,199,037 \& \& .43,474 \& \& \& \& , ,242,511 \& \& \& \& \& .02/52/2043 \& \\
\hline - \(121247 P-A L-2\) \& Cend I Sulse ITG TRUST SER 2013-7 \& \& \& \& \& \& \& \& \& \& \({ }_{(1,1,106)}^{(438)}\) \& \& \[
(1,106)
\] \& \& - 6.000 .577 \& \& \& \& \& \& \\
\hline \({ }^{\text {2 }}\) 294292-A-2-2 \&  \& \& \& \& \& -3,000,000 \& \[
\begin{array}{r}
3,000,000 \\
-\quad 2,015,000
\end{array}
\] \& \[
{ }_{2}^{2,9930,370}, 2670
\] \& \[
\begin{array}{r}
2,999,562 \\
-2,065,377
\end{array}
\] \& \& \& \& \& \& \(3,000,000\)
\(2,015,000\) \& \& \& \& \begin{tabular}{l} 
189,000 \\
122,938 \\
\hline
\end{tabular} \& \({ }^{\text {.0701/2017 }}\) \& - 1 FEE \\
\hline -46644V-GG-1 \&  \& \& \& \& \& 212,382 \& 212,382 \& 215,833 \& -215,291 \& \& \& \& \& \& 212,382 \& \& \& \& 4,793 \& 06/25/2045 \& 1FW \\
\hline . \(46644 \mathrm{4V}\)-8J-4 \&  \& \& \& \& \& .73,933 \& .73,933 \& -73,182 \& .73,289 \& \& 644 \& \& 644 \& \& \({ }^{73,933}\) \& \& \& \& \({ }^{1,383}\) \& .06/25/2045 \& 1FW. \\
\hline - \(4664656-A C-2\) \&  \& \& \& \& \& \begin{tabular}{l}
\(1.133,825\) \\
214,894 \\
\hline
\end{tabular} \& \begin{tabular}{l}
\(1.133,825\) \\
\\
214,894 \\
\hline
\end{tabular} \& \(\begin{array}{r}135.561 \\ \hline 27.614 \\ \hline 2.614\end{array}\) \& -135,493
\(-\quad 217.599\) \& \& (12, \begin{tabular}{c}
\((1,68)\) \\
\((2,75)\) \\
\hline
\end{tabular} \& \&  \& \& \begin{tabular}{l}
133,885 \\
214,894 \\
\hline 18.8
\end{tabular} \& \& \& \& \&  \& - \\
\hline -466483--C-7 \&  \& \& \& \& \& 214,894 \&  \&  \& \(\ldots\) \& \& (18, \& \& \(\underset{\substack{(8,121) \\(8,7) \\ \hline}}{ }\) \& \&  \& \& \& \& - \begin{tabular}{l} 
3,219 \\
\hline 10 \\
\hline
\end{tabular} \& -100525/2046 \& \({ }_{\text {PE }}\) \\
\hline \(46688+\) AE-3 \& Jp Iogan M ITG Trust 2017-2 L A5 \& \& \& \& \& 153,701 \& .153,701 \& .157,477 \& \& \& \((3,746)\) \& \& (3,746) \& \& 153,701 \& \& \& \& 1,068 \& .05/25/2047 \& 1 FE \\
\hline - \(66647 \mathrm{~S}-\mathrm{AE}-0\) \&  \& \& \& \& \&  \& \(\begin{array}{r}1488,498 \\ \hline 2.755 \\ \hline\end{array}\) \&  \& \& \& (3, 3098\()\) \& \& \((3,098)\)

303 \& \& | 148,498 |
| :--- |
| 754.196 |
| 1.68 | \& \& \& 199.662 \& \& ${ }^{.088 / 25 / 2047}$ 0/23/2019 \& <br>

\hline - $482433-\mathrm{AA}-4$ \& KCT INT TRAN COPR SER 1998 \& \& \& \& \& \& ${ }^{2} .2$,555,0067 \& ${ }_{-}^{2.1,545,067}$ \& ${ }_{\sim}^{2} \times 1,355,067$ \& \& \& \& \& \& | $2,345,067$ |
| :---: | \& \& 199,662 \& 199,62 \& -149,754 \& .08/01/2018 \& <br>

\hline - 7 75371-AM-9 \& ROHM \& HAS COIPANY \& \& \& \& \& 2,378,000 \& 2, $2,378,000$ \& -2,731, 392 \& 2.422, 724 \& \& \& \& \& \& 2,378,000 \& \& \& \& 142,680 \& .09/15/2017 \& ${ }^{2 F E}$ <br>
\hline  \&  \& \& \& \& \& 237,515

$.23,100$ \& $\begin{array}{r}23,47515 \\ \hline \quad 234,100\end{array}$ \& \[
-{ }_{220,043}^{2048}

\] \& \[

$$
\begin{gathered}
221,494 \\
{ }_{21} 20,279
\end{gathered}
$$

\] \& \& \& \& | 16,021 |
| :---: |
| $(6,179)$ | \& \& $\begin{array}{r}\text { - } \\ .234,5150 \\ \hline\end{array}$ \& \& \& \& \&  \& ${ }_{\text {a }}^{1 / 2}$ <br>

\hline 817468-AU-3 \& SEWOOA MTG TRUST SER 2016-2 CLA19 \& \& \& \& \& ${ }_{.38,523}$ \& ${ }_{36,523}$ \& 39,159 \& ${ }_{39,125}$ \& \& (602) \& \& (602) \& \& ${ }_{38,523}$ \& \& \& \& 785 \& .08/25/2046 \& tru. <br>
\hline
\end{tabular}

## SCHEDULE D - PART 4



SCHEDULE D - PART 4

| 1 | Description | ${ }^{3}$ | 4 | 5 | 6 | 7 | ${ }^{8}$ | Actual | Prior Year Bookl Adjusted CarryingValue | Change In Book/Adjusted Carrying Value |  |  |  |  | 16 | 17 | 18 | 19 | 20 | 21 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | 11 | 12 | 13 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | Current Year's | Change in Book/ | Foreign Exchange | Bookl |  |  |  | Bond |  | Designation |
|  |  |  |  |  |  |  |  |  |  |  | Current | Other Than | Adjusted | Change in | Adjusted | Foreign |  |  | Interest/ | Stated |  |
| CUSIP |  |  |  |  | Number of |  |  |  |  | Unreaized Valuation | Year's <br> (Amor- | Temporary Impairment | Carrying <br> Value | Book IAdjusted | Value at | Exchange Gain | Realized | Gain | Stock Dividends | tractual | $\begin{aligned} & \text { Market } \\ & \text { In- } \end{aligned}$ |
| Ident- |  |  | Disposal | Name | Shares of | Consid- |  |  |  | Increase/ | tization)/ | Recog- | (11+12- | ${ }^{\text {a }}$ Cadjusted | Disposal | (Loss) on | (Loss) on | (Loss) on | Received | Maturity |  |
| ification |  | eign | Date | of Purchaser | Stock | eration | Par Value | Cost |  | (Decrease) | Accretion | nized | 13) | Value | Date | Disposal | Disposal | Disposal | DuringYear | Date | (a) |
|  |  |  | -088/8/20017 | Everoche Is | 121,423.000 44.460 .000 | 3,570,057 1,403,269 |  | $\xrightarrow{3,797,298} 1$ |  |  |  |  |  |  | +3,79,298 |  | (227, 241) | (1277 2 [211) | 89,853 <br> 14.400 |  |  |
| -422824-10-9 | HEMLETT PACRADO ENTEPRPRIS COMPAMY |  | -09/01/2017 | Roc | $44,460.0000$ | ${ }^{-1,4040,269}$ |  |  | 3,111 |  |  |  |  |  | -1,327,371 |  |  |  |  |  |  |
| .461871-10-7 | Invitation hules Inc |  | 09907/2017 | EVERCOAE ISI | 32,923.000 | 739,914 |  | -.722,604 |  |  |  |  |  |  | .722,604 |  |  | 17,310 |  |  |  |
| -651502-10. | Johlsow Control I IIEEMYT OVNL PLC | D. | -09/14/2017 | WILLIAM BLAR | .22,203.000 | 881,659 |  | 645,801 | 914,542 | (288,741) |  |  | (288,741) |  | 645,801 |  | 235,858 | 235,858 | 16,652 |  |  |
| -46625-10-0 | Jp IOOGAN CHASE \& $\mathrm{co}^{\text {a }}$ |  | .08/23/2017 |  | 14,714.000 | 1,351,064 |  | 9.873 | 1.269,671 | (1.259, 798) |  |  | (1, 259, 798) |  | 9.873 |  | 1341, 191 | 191 |  |  |  |
|  |  |  |  | Santord C. Bersstein \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - 59927 27-10-8 |  |  | ${ }^{\text {a }}$ |  | ${ }^{-13,426.000}$ | $\begin{array}{r} -. \quad 917,702 \\ \ldots \quad 2,090,514 \end{array}$ |  | $\begin{array}{r}\text { 27,098,008 } \\ \hline\end{array}$ | $\begin{array}{r}\text { 2083,052 } \\ \hline 2.091,888 \\ \hline\end{array}$ | $\begin{array}{r} (106,144) \\ -\quad . \quad \begin{array}{r} 6,150 \end{array} \\ \hline \end{array}$ |  |  | $\begin{aligned} (106,144) \\ \hline \end{aligned}$ |  | $\begin{array}{r}876,908 \\ 2,008,008 \\ \hline\end{array}$ |  | $\begin{array}{r}40,794 \\ (77,44) \\ \hline\end{array}$ | 40,794 $(7,444)$ | 42,878 |  |  |
| -153774-10-0 | LYONOELBBEELL INOUSTRES NV CL A | D. | -09/13/2017 | Evercone IS | 8,357.000 | 787,674 |  | .513,873 | .716,883 | (202,991) |  |  | (202,991) |  | .513,873 |  | 273,801 | 273,801 | 22,46 |  |  |
| -55511-10-3 | microon techlolog Inc. |  | -08/24/2017 | WLLIAM BLAIR \& Co. | 30,50.000 | 919,480 |  | 327,983 | .668,779 | (340,797) |  |  | (340,797) |  | ${ }^{327,983}$ |  | 591,497 | 591, 497 |  |  |  |
| -59522-10-3 | MID-MUERICA APAPTIUENT COMM. Inc |  | .09/88/2017 | Various - | .72,741.000 | 7,589,432 |  | 7,344,408 |  |  |  |  |  |  | 7,314,408 |  | 275,024 | 275, 224 | - $\quad 32,161$ |  |  |
| -61746-44-8 |  |  | -08/23/2017 | J.P. MopGen SECURITIES | . $22,792.000$ | - $-1.044,198$ |  | --7.66,690 | - $\quad .0962962$ | (189, 272 ) |  |  | (880, 272) |  | -66,6909 |  | 977,508 | -97, 958 | - $\quad 14.815$ |  |  |
| 62677-10-2 | Wmerhy Oll Copp |  | 07/20/2017 | J.P IIOGAANS SECURITIES. | -9,288.000 | - 243,916 |  | $\cdots$ - 261,654 | - ${ }^{289}$ 29, 135 | - - (27, 481) |  |  | (127,481) |  | 261,654 |  | (17,788) | (17, 783 | - $-1 . .4,644$ |  |  |
|  | Nationl Olluell vaco inc. |  | .09/13/2017 |  | 21,026.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65339-10-1 | Nextera energy Inc --. |  | -08/23/2017 | Evercoone ISI | 1,585.000 | ${ }_{237,418}$ |  | -182,022 | -189,344 |  |  |  | $(17,322)$ |  | 182,022 |  | -55,39 | .55,395 | ${ }_{3,115}$ |  |  |
| 655884-10-8 | Nopfolk south coip |  | .09/06/2017 | EVERCORE ISI | 3,010.000 | 368,388 |  | 184,875 | 325,291 | $(140,416)$ |  |  | ( 440,466 |  | 184,875 |  | 183,513 | 183,513 | 3,672 |  |  |
| .708430-10-3 | PEMS IOOOS BAICOPP IIC |  | .09/27/2017 | Santoract. Bernstein \& | 26,543.000 | 1,223,315 |  |  |  |  |  |  |  |  | 1,032,045 |  |  | 191,270 |  |  |  |
| 709010-10-7 | PEMSILVANIA REAL ESTATE INT TiSt |  | -09907/2017 | Vapious | 119,854.000 | 1,225,403 |  | 1,342,421 |  |  |  |  |  |  | 1,342,421 |  | (117,018) | (117,018) | 9,075 |  |  |
| 771348-10-8 | Pepsico Inc |  | -09906/2017 | ALEX Brolin S Sons | 8,542.000 | 992,834 |  | 12,365 | 893,749 | - - - -881,385) |  |  | (1881,385) |  | 12,365 |  | 980,469 | 980,469 | - - $\quad 19,732$ |  |  |
| 737630-10-3 | PotLlath Compoant iow |  | -0710/2017 | EVECOREE ISI | 25,087.000 | - $\quad 1,140,815$ |  | $\cdots$ | - 1,044,874 | - - (288, 598) |  |  | (-188, |  | .756, 276 |  | 384,539 | . 384,539 | - $\quad 18.815$ |  |  |
| -69350-10-7 |  |  | - $0.09 / 2 / 2 / 2017$ | EVERCOAE IS1. | - $4,778.000$ $68,535.000$ | - $\quad$ - $4.45,3298$ |  |  |  | - - . ${ }^{(399,178)}$ |  |  | ... 3 (39, 178) |  |  |  | 4.50,600 235892 |  | -5,238 |  |  |
| 74573-10-6 | PUBLIC SEFVIICE ENIEPPRISE GFoup |  | -09006/2017 | Jerferies \& Colipany | 26,60.000 | -1,221,280 |  | -1,075,710 | 1,167,471 | (91,761) |  |  | -(91,761) |  | -1,075,710 |  | 145,570 | 145,570 | 22,881 |  |  |
| -75907-10-3 | Rataner IIC |  | -07/10/2017 | EVERCOBE ISI | 39,080.000 | .1,098,932 |  | .963,823 | 1,039,528 | (75,705) |  |  | (75,705) |  | ${ }^{963,823}$ |  | ${ }^{135,109}$ | ${ }^{135,109}$ |  |  |  |
| - $758849 \cdot 10-3$ | REGECCY CEETERS COAPOOATION |  | .090772017 | various. | $\begin{array}{r}10,107.000 \\ \hline 64.5000\end{array}$ | -661,783 <br> 88270 |  | --649,403 |  |  |  |  |  |  |  |  |  | ${ }^{12,380}$ |  |  |  |
| -76131-20-2 |  |  | - 0.09077212017 |  | $\begin{array}{r}\text { 64,459.000 } \\ \hline\end{array}$ | 882,710 $.905,291$ |  | 856,638 83,792 | $\begin{array}{r} 3,846 \\ -716,621 \end{array}$ |  |  | 128,761 | - $\quad \begin{array}{r}\text { (128,761) } \\ -\quad(238,829)\end{array}$ |  | 856,638 <br> 483,792 |  | 26,071 421,500 | 26,071 421,500 | 23,993 12,157 |  |  |
| 788539-10-8 | RIVOES SYSEEM INC |  | $09907 / 2017$ | EVERCOOE ISI .... | 3,395.000 | ${ }_{266,983}$ |  | .202,976 | .252,724 | (49, 488 |  |  | (149,78) |  | ${ }^{202,976}$ |  | ${ }_{64,007}$ | 64,007 | 4,549 |  |  |
| 78573L-10-6 | SABEA HELLTH CAEE AEIT IIC |  | -09907/2017 | various | 68,831.000 | -1,546,259 |  | 1,483,492 |  |  |  |  |  |  | -1,483,492 |  | 62,767 | 62,767 |  |  |  |
| ${ }^{811065-10-1}$ | Schipps netiooks Interetive |  | -08/24/2017 | EVEECOOE ISI | 7,378.000 | -633,522 |  | - - - $\quad 42121,773$ | .526,568 | (104,795) |  |  | (104,795) |  | .421,773 |  | ${ }^{211,749}$ | 211,749 | 4,427 |  |  |
|  | SEAGAIE EECHINOOY SEALED AIR COPP | D. | -0913/2017 | WLILIAM LLLAR \& Co. | $\begin{array}{r}188.434 .000 \\ 15.40000 \\ \hline\end{array}$ | $\begin{array}{r}602,822 \\ \hline-\quad 669.033 \\ \hline-\quad 6\end{array}$ |  |  | $\begin{array}{r}703,626 \\ -6988 \\ \hline 681\end{array}$ | - (199,699) |  |  | - - (199, 6 (699) |  | 503,927 <br> 238, <br> 199 |  | 98,986 | 98, 9896 | 34,880 |  |  |
| -81211K-10-0 | SEALED AIR COAP |  |  | Steren |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| .85772-10-5 | STAAIIOOO Mavpoint hales |  | .09077/2017 |  | $20,312.000$ | 734,144 |  | .721,393 |  |  |  |  |  |  | 721,393 |  | 12,751 | 12,751 |  |  |  |
| -85747-10-3 | STATE STREET COAPOORATION BOSTON MA |  | .0809920017 | Everoran IS | 19,968.000 | - $1.872,484$ |  | - | - - ${ }^{1,551,913}$ | ....(516,489) |  |  | .. $(516,489)$ |  |  |  | 887, 060 | 887,060 |  |  |  |
| -862121-10-0 | STOAE Caplith lorp |  | -0710/2017 | various | $\begin{array}{r}1900,169.000 \\ \hline 12,163.000\end{array}$ | $\mathbf{c}_{4,166,373}^{4,113,717}$ |  | $-\quad 3,926,231$ $-\quad-\quad .872,608$ | .935,819 | (65,151) |  |  | (65,151) |  | $\begin{array}{r}\text { 3,926,231 } \\ \hline-872,608 \\ \hline\end{array}$ |  | 240,143 <br> 20,562 | $.240,143$ <br> $.240,562$ | $\begin{array}{r} \quad 55,149 \\ -\quad \begin{array}{r} 14,218 \end{array} \end{array}$ |  |  |
|  |  |  |  | CAPITLL ONE SOUTHCOAST, |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -867914-10-3 | Slurius balk |  | .09/06/2017 | 1 NC | 27,411.000 | .1,475,207 |  | -1, 123, 108 | 1,503,493 | (380, 385) |  |  | (380, 385) |  | -.1,123, 108 |  | 352,099 | 352,099 | 218 |  |  |
| -872590-10-4 |  |  | ${ }^{\text {a }}$ |  | $\begin{array}{r}\text {-13,199.000 } \\ \hline 14,73.000\end{array}$ | $\ldots$....-808,914 |  |  | $\square \quad-\quad 1,239,586$ |  |  |  |  |  |  |  | 591, 130 171.970 |  | 17.008 |  |  |
|  | THE WILIIANS COMPANES INC |  |  | CAPITTLL ONE SOUTHCOAST, |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -902653-10-4 | LOR INC ${ }^{\text {a }}$ - |  | -09007/2017 | EVERCOORE ISI | $\begin{array}{r}331,761000 \\ \hline 16,007.000\end{array}$ | $1.0537,609$ <br> .630 |  | .647,604 |  | (7,441) |  |  | (7,441) |  | $1,043,877$ $. .647,604$ |  | $\underset{(28,235)}{(28,77}$ |  | - 50,024 |  |  |
| .907818-10-8 | UNOW PACFIC COAP |  | .09/06/2017 | EVERCORE ISI | 9,093.000 | 955,635 |  |  | -942,762 | .. 1938,659$)$ |  |  | . 1938,659 |  |  |  | 951,532 | -951,532 | 11,003 |  |  |
| .97704-10-4 | URBAN EOOE PROPEETIES |  | 09907/2017 | Sanf Co. |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10,787 |  |  |
| .917047-10-2 | UnBan OUTFITTERS InC. |  | -09/06/2017 | AlEE Bbolin 8 sons | 111,519.000 | .253,565 |  | ..225,657 | 328,061 | (6,384) |  | 96,020 | (102,404) |  | [225,657 |  | 27,908 | 27,908 |  |  |  |
| . $22339 \mathrm{~V}-10-0$ | VEEEIT, |  | 09907/2017 | ${ }_{\substack{\text { Santord C. Bernstein \& } \\ \text { co. }}}$ |  |  |  |  |  |  |  |  |  |  | -1,180,486 |  | 44,221 | 44,221 |  |  |  |
| - $929092-10-9$ | VOANVOD Realit trus |  | -09077/2017 | - EveCOME ISI |  | $\begin{array}{r}1240,161 \\ -\quad 65972 \\ \hline-\quad 659\end{array}$ |  | $\begin{array}{r}1698,050 \\ \hdashline-\quad 135,581 \\ \hline\end{array}$ |  |  |  |  |  |  | $\begin{array}{r}1.1098,000 \\ -\quad . \quad . \quad 1351 \\ \hline\end{array}$ |  | $\begin{array}{r}\text { (57, } 8899 \\ 524,191 \\ \hline\end{array}$ | 157,889$)$ <br> 524,191 | $\square .5 .225$ |  |  |
| -941848-10-3 | MatERS COAPOPATION |  | - $0.09 / 20 / 2017$ |  | $\begin{array}{r} 3,625.000 \\ 0.0000 \end{array}$ |  |  | $-\quad$1355,581 <br> $-\quad-\quad, 063$ | .-..487,164 | --...(351,583) |  |  | $\ldots$ |  | $-\quad 135,581$ |  |  |  |  |  |  |
| .958102-10- | NESTERN DIGITAL COOPOOATION |  | -09/13/2017 | WILLIAM BLAIR a Co. $^{\text {a }}$ | 4,562.000 | 389,528 |  |  | 309, | ... 172,364$)$ |  |  | (172, |  | ${ }_{137}^{13,624}$ |  | 251, | . 251,904 | $\ldots$ |  |  |

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 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1Depository | 2 <br> Code |  | 4 <br> Amount of <br> Interest Received <br> During Current <br> Quarter | $\qquad$ <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 |  |  |  |  | 18,237,694 | 24,690,713 | 24,927,116 | XXX |
| Santander Bank ......................... Providence, RI |  |  |  |  | $(92,765,522)$ | $(85,313,252)$ | $(105,834,063)$ | XXX |
| Wells Fargo Bank, NA ............. Charlotte, NC |  |  |  |  |  | 4,443,792 |  | XXX |
| 0199998. Deposits in ... 86 depositories that do not exceed the allowable limit in any one depository (See instructions) - Open Depositories | XXX | XXX | 33,198 | 4,209 | 15,149,634 | 5,151,019 | 5,165,228 | XXX |
| 0199999. Totals - Open Depositories | XXX | XXX | 33,198 | 4,209 | $(59,378,194)$ | $(51,027,728)$ | $(75,741,719)$ | 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 | 33,198 | 4,209 | $(59,378,194)$ | $(51,027,728)$ | $(75,741,719)$ | XXX |
| 0499999. Cash in Company's Office | XXX | XXX | XXX | XXX | 15,350 | 15,350 | 15,350 | $X X X$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
| 0599999. Total - Cash | XXX | XXX | 33,198 | 4,209 | $(59,362,844)$ | $(51,012,378)$ | $(75,726,369)$ | XXX |

STATEMENT AS OF SEPTEMBER 30, 2017 OF THE AMICA MUTUAL INSURANCE COMPANY
SCHEDULE E-PART 2 - CASH EQUIVALENTS

| Show Investments Owned End of Current Quarter |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 <br> Description | $\begin{gathered} 2 \\ \text { Code } \end{gathered}$ | 3 <br> Date Acquired | 4 Rate of Interest | 5 Maturity Date | 6 Book/Adjusted Carrying Value Carrying Value | 7 Amount of Interest Due and Accrued | $\begin{gathered} 8 \\ \hline \text { Amount Received } \\ \text { During Year } \end{gathered}$ |
| 0599999. Total - U.S. Government Bonds |  |  |  |  |  |  |  |
| 1099999. Total - All Other Government Bonds |  |  |  |  |  |  |  |
| 1799999. Total - U.S. States, Territories and Possessions Bonds |  |  |  |  |  |  |  |
| 2499999. Total - U.S. Political Subdivisions Bonds |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 3199999. Total - U.S. Special Revenues Bonds |  |  |  |  |  |  |  |
|  |  | .09/26/2017 | 0.000 | -100032017 | 14, 1995, 188 | 3,437 |  |
|  |  | -09922/217017 | O 0.0000 0.000 | $10 / 06612017$ $10 / 112017$ |  |  |  |
| WOLSON COORS SREIIING COCP |  | 09/28/2017 | $\bigcirc \quad 0.000$ | - - - 10/13/2007 | ---1410,089,602 | - $\quad$ - $\quad . \quad 3,1111$ |  |
| HoLSON COORS BEEIING COCP |  | 09/21/2017 | 0.000 | 10/16/2017 | 14, 93, 8,54 | 6,454 |  |
| YoLSON COORS BEEINGG COCP |  | 09/21/2017 | 0.000 | 10171/2017 | 14,983, 208 |  |  |
| YoLSON COORS BEEINGG COCP |  | .09/21/2017 | 0.000 | .10/18/2017 | 14,982,338 |  |  |
| YoLSOON COORS BEEIING CO CP |  | 09/21/2017 | 0.000 | 10/19/2017 | 14,482,449 |  |  |
| NETPPP PIC CP |  | 09/21/2017 | 0.000 | 101200/2017 | 14, 1483,446 |  |  |
| SEIIPRA GlIBALCP $C$ P |  | .09/26/2017 | 0.000 | ${ }^{11107 / 2017}$ | 14,997, 325 | 2, 2,933 |  |
| SPECTRA ENEBGY PARTITERS CP |  | 09/28/2017 | 0.000 | 10/23/2017 | 9,990,279 | 1,166 |  |
| 3299999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Issuer Obligations |  |  |  |  | 168,42, 502 | 70,831 |  |
| 3899999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds |  |  |  |  | 168,42, 502 | 70,831 |  |
| 4899999. Total - Hybrid Securities |  |  |  |  |  |  |  |
| 5599999. Total - Parent, Subsidiaries and Affiliates Bonds |  |  |  |  |  |  |  |
| 6099999. Subtotal - SVO Identified Funds |  |  |  |  |  |  |  |
| 7799999. Total - Issuer Obligations |  |  |  |  | 168,42, 502 | 70,831 |  |
| 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 |  |  |  |  | 168,42, 502 | 70,831 |  |
|  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |
| 8699999 - Total Cash Equivalents |  |  |  |  | 168,42, ,502 | 70,831 |  |


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

