

**Assured Guaranty Re Overseas Ltd.**

**(an indirect, wholly-owned subsidiary of Assured Guaranty Re Ltd.)**

**2017 Financial Condition Report**

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## Definitions

Term	Definition
AGC	Assured Guaranty Corp.
AGL	Assured Guaranty Ltd.
AGOUS	Assured Guaranty Overseas US Holdings Inc.
AG Re	Assured Guaranty Re Ltd.
AGRO	Assured Guaranty Re Overseas Ltd.
AG Services	AG US Group Services Inc.
Assured Affiliated Group	The Company and certain of its affiliates
Assured Guaranty or Group	AGL together with its subsidiaries
Best Estimate Technical Provisions	Gross best estimate portion of the technical provisions value
BIG	Below-investment-grade
BMA or the Authority	Bermuda Monetary Authority
Board	Board of Directors
CISSA	Commercial Insurers' Solvency Self-Assessment
CMBS	Commercial mortgage-backed securities
Code of Conduct	Insurance Code of Conduct issued by the Bermuda Monetary Authority
Companies Act	Bermuda Companies Act 1981
The Company	AGRO and its subsidiaries
ECM	Economic capital model
ECR	Enhanced capital requirement
Expense Load	Present value of projected future operating expenses
Fitch	Fitch Ratings
Future premiums	Insurance premiums that are due to be received after the balance sheet date
GPO	Gross par outstanding
IG	Investment Grade
Insurance Act	Bermuda Insurance Act 1978, as amended, and related rules and regulations
IT	Information Technology
KRIs	Key risk indicators
Moody's	Moody's Investors Service Inc.
MSM	Minimum Margin of Solvency
NPO	Net par outstanding
Public finance transactions	Public infrastructure, regulated utilities, international public finance and sovereigns
PVP	Present Value of New Business Production
Rating Agencies	S&P, Moody's or Fitch
Reduction	Present value of all future premiums expected to be received by the Company after consideration of potential non-payment on premiums due to future defaults of guaranteed transactions
RMBS	Residential Mortgage-Backed Securities
RVI	Residual Value Insurance

**Definitions  
(continued)**

S&P	S&P Global Ratings, a division of Standard & Poor's Financial Services LLC
Solvency Regulations	BMA's Insurance (Prudential Standards) (Class 3A and Class C Solvency Requirement) Rules
Standard Formula	Standard formula to calculate the Basic Solvency Capital Requirement provided by the BMA
Structured finance transactions	RMBS and pooled corporate obligations
U.K.	United Kingdom
U.S.	United States of America
U.S. GAAP	Accounting Principles Generally Accepted in the United States of America
USD	U.S. Dollars

## INTRODUCTION

### Business Overview

AGRO is a wholly-owned subsidiary of AGOUS, a Delaware corporation, which is a wholly-owned subsidiary of AG Re, a Bermuda domiciled company. AG Re is a direct subsidiary of AGL, also a Bermuda domiciled company. AGL provides, through its operating subsidiaries, credit protection products to the U.S. and international public finance (including infrastructure) and structured finance markets.

AGRO was incorporated as a Bermuda exempted company under the Companies Act and is licensed as a Class 3A Insurer and a Class C Long-Term Insurer under the Insurance Act. AGRO owns AG Intermediary Inc., a New York insurance intermediary company. In 2017, AGRO was granted certified reinsurer status by the Missouri Department of Insurance.

AGRO provides financial guaranty and non-financial guaranty reinsurance. The non-financial guaranty reinsurance that the Company provides has similar risk profiles to the structured finance exposures written in financial guaranty form. The Company currently provides reinsurance mainly for U.S. based insurance capital relief transactions (Triple-X) and aircraft RVI transactions. Under a reinsurance agreement, the reinsurer, in consideration of a premium paid to it, agrees to indemnify another insurer, called the ceding company, for part or all of the liability of the ceding company under one or more insurance policies that the ceding company has issued. Triple-X transactions provide U.S. life insurers and reinsurers capital relief from the excess statutory reserves they are required to hold by U.S. state regulators over what the respective life insurers and reinsurers believe are necessary for level premium term life insurance policies. RVI policies guarantee that a specific, properly maintained asset will have a specified value at a specified future date.

The Company has a portfolio of financial guaranty reinsurance under quota share and excess of loss treaties. Financial guaranty insurance policies provide an unconditional and irrevocable guaranty that protects the holder of a financial obligation against non-payment of principal and interest when due. Upon an obligor's default on scheduled principal or interest payments due on the obligation, the primary insurer is required under the financial guaranty policy to pay the principal or interest shortfall. While the Company has not provided new financial guaranty reinsurance in the recent past, it may do so again in the future.

The financial information in this report is presented on a consolidated basis.

## **i. BUSINESS AND PERFORMANCE**

### **a. Name of Insurer**

AGRO was incorporated in 1994 under the Companies Act as a Bermuda exempted company limited by shares. AGRO is licensed as a Class 3A Insurer and a Class C Long-Term Insurer under the Insurance Act.

The registered office of the Company is:

Clarendon House  
2 Church Street  
Hamilton HM 11  
Bermuda

### **b. Supervisors**

The Company's insurance supervisor at the Bermuda Monetary Authority is:

Collin Anderson  
Assistant Director, Insurance  
Bermuda Monetary Authority  
BMA House  
43 Victoria Street  
Hamilton  
Bermuda  
Phone: 441-278-0217  
Email: CJAnderson@bma.bm

The Company's group insurance supervisor is:

The New York State Department of Financial Services  
1 State Street  
New York, New York 10004  
United States of America  
Attention: Margot Small, Supervising Risk Management Specialist  
Phone: 212-709-1625  
Email: margot.small@dfs.ny.gov

### **c. Approved Auditor**

The Company's approved auditor is:

Statutory Reporting  
PricewaterhouseCoopers Ltd.  
P. O. Box HM 1171  
Hamilton HM EX,  
Bermuda

GAAP Reporting  
PricewaterhouseCoopers LLP  
300 Madison Avenue  
New York, New York 10017  
United States of America

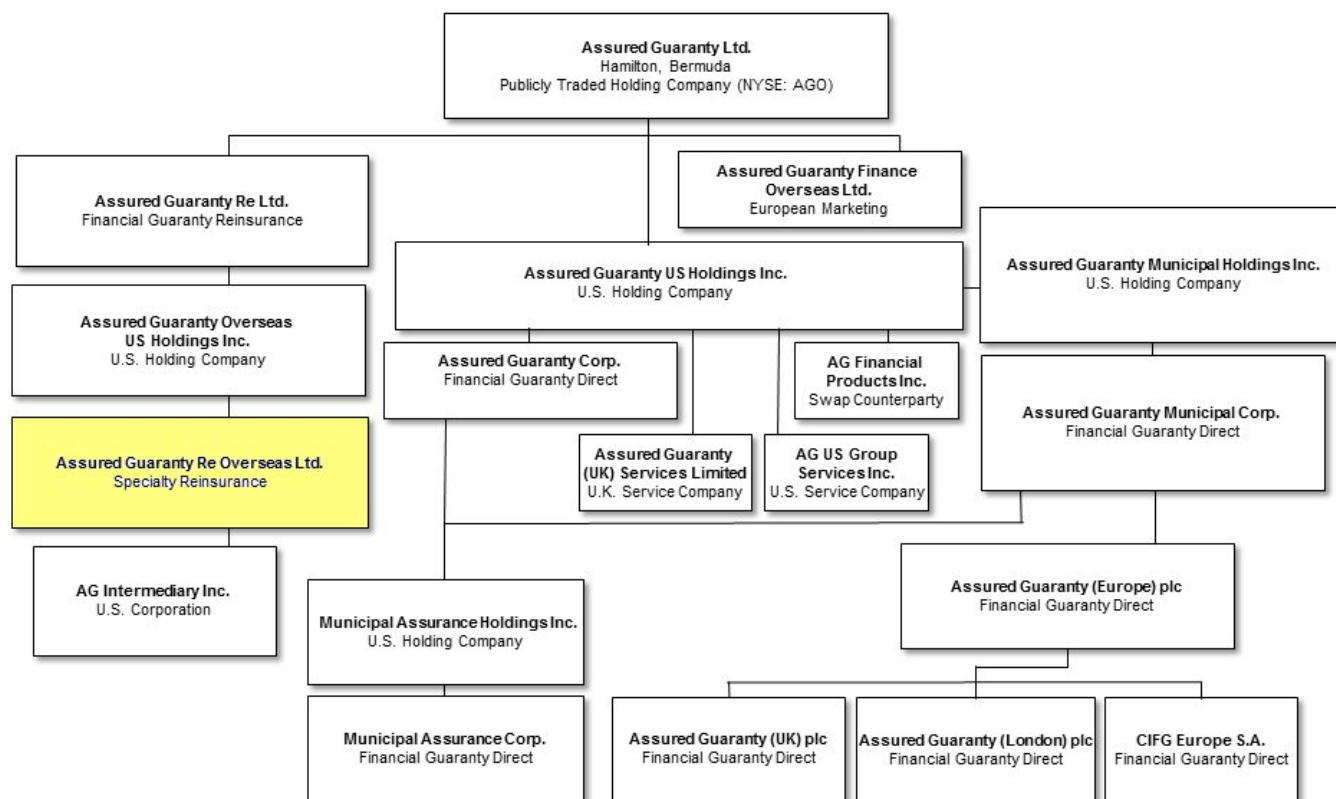
#### d. Ownership Details

The Company is a direct, wholly-owned subsidiary of AGOUS, a Delaware corporation, which is, in turn, a direct, wholly-owned subsidiary of AG Re. AG Re was incorporated in 1996 under the Companies Act as a Bermuda exempted company limited by shares and is licensed as a Class 3B Insurer under the Insurance Act.

AG Re is a direct, wholly-owned subsidiary of AGL, a Bermuda-based holding company, which was organized in 2003. AGL is publicly traded on the New York Stock Exchange and is registered with the U.S. Securities and Exchange Commission.

#### e. Group Structure

The abbreviated organizational chart below shows the position of the Company within the Group as of December 31, 2017.



#### f. Insurance Business Written by Business Segment and by Geographical Region

##### Exposure

The Company's outstanding exposure is primarily to assumed reinsurance. Approximately 92% and 85% of its outstanding exposure was assumed exposure as of December 31, 2017 and December 31, 2016 respectively, with the remainder written on a direct basis. The Company's reinsurance exposure is to both non-financial guaranty structured finance transactions (Triple-X and RVI) and to financial guaranty transactions (both public finance and structured finance).

##### Triple-X

Triple-X transactions assumed by the Company provide U.S. life insurers and reinsurers capital relief from the excess statutory reserves they are required to hold by U.S. state regulators over what the respective life insurers and reinsurers believe are necessary for level premium term life insurance policies. The Company underwrites Triple-X transactions by evaluating the amount and type of assets supporting the excess statutory reserves for a pool of life insurance policies. The Company would be required to pay reinsurance claims if mortality rates in the insured pool significantly exceeded currently expected mortality rates and if the assets supporting the excess statutory reserves to cover such an increase in mortality rates were exhausted.

The Company's Triple-X net exposure was approximately \$675 million as of December 31, 2017 and \$390 million as of December 31, 2016. The Company projects that its net exposure under its current Triple-X reinsurance agreements will increase to approximately \$1.0 billion (\$1.2 billion on a gross basis) prior to September 30, 2036. The Company has executed additional life insurance capital relief transactions in financial guaranty form that are not included in this exposure total but are included in the structured finance financial guaranty insurance exposure total.

The Company's Triple-X exposure is rated IG internally. The underlying life insurance policies are based in the U.S.

### ***Financial Guaranty***

The Company's direct and assumed financial guaranty contracts are written in insurance form and none are in derivative form. The Company seeks to limit its exposure to losses by underwriting obligations that it views as IG at inception, diversifying its insured portfolio across asset classes and, in the structured finance portfolio, requiring rigorous subordination or collateralization requirements. Reinsurance may be used in order to reduce net exposure to certain insured transactions. While the Company has not provided new financial guaranty reinsurance in the recent past, it may do so again in the future.

Public finance obligations covered by financial guaranty insurance assumed by the Company consist primarily of general obligation bonds supported by the taxing powers of U.S. state or municipal governmental authorities, as well as tax-supported bonds, revenue bonds and other obligations supported by covenants from state or municipal governmental authorities or other municipal obligors to impose and collect fees and charges for public services or specific infrastructure projects. The Company also includes within public finance obligations those obligations backed by the cash flow from leases or other revenues from projects serving substantial public purposes, including utilities, toll roads and government office buildings. The Company also includes within public finance similar obligations issued by non-U.S. issuers and governmental authorities.

Structured finance obligations covered by financial guaranty insurance assumed by the Company are generally issued by special purpose entities and backed by pools of assets having an ascertainable cash flow or market value or other specialized financial obligations.

### **Financial Guaranty Portfolio Summary**

	As of December 31, 2017			As of December 31, 2016		
	GPO	Ceded to 3 <sup>rd</sup> Party	NPO	GPO	Ceded to 3 <sup>rd</sup> Party	NPO
	(in thousands)					
Public finance	\$ 152,624	\$ —	\$ 152,624	\$ 174,684	\$ —	\$ 174,684
Structured finance	491,880	376,000	115,880	151,481	—	151,481
Total	<u>\$ 644,504</u>	<u>\$ 376,000</u>	<u>\$ 268,504</u>	<u>\$ 326,165</u>	<u>\$ —</u>	<u>\$ 326,165</u>
IG (1)	\$ 628,227	\$ 376,000	\$ 252,227	\$ 296,038	\$ —	\$ 296,038
BIG (1)	\$ 16,277	\$ —	\$ 16,277	\$ 30,127	\$ —	\$ 30,127

(1) Ratings on the Company's insured portfolio reflect its internal ratings.



**Financial Guaranty  
Exposure by Geographical Area**

Country / State	As of December 31, 2017		As of December 31, 2016	
	GPO(1)	NPO	GPO	NPO
	(in thousands)			
Public finance:				
Illinois	\$ 64,297	\$ 64,297	\$ 65,524	\$ 65,524
Michigan	45,373	45,373	45,404	45,404
California	12,164	12,164	14,492	14,492
United Kingdom	10,054	10,054	11,385	11,385
Pennsylvania	6,524	6,524	7,794	7,794
Other	14,212	14,212	30,085	30,085
Total public finance	152,624	152,624	174,684	174,684
Structured finance (2)	491,880	115,880	151,481	151,481
Total	<u>\$ 644,504</u>	<u>\$ 268,504</u>	<u>\$ 326,165</u>	<u>\$ 326,165</u>

(1) All ceded par was ceded to a third party reinsurer.

(2) Structured finance exposure is primarily in multiple states that cannot be broken out by individual state.

***Residual Value Insurance***

The Company started providing reinsurance on aircraft RVI policies in the first quarter of 2017. RVI policies guarantee that a specific, properly maintained asset will have a specified value at a specified future date, or strike date. The Company seeks to limit its exposure to losses by underwriting aviation assets that it views as IG at inception, diversifying its insured portfolio across aircraft types and policy strike dates. This approach is designed to reduce the Company's exposure to the severe devaluation of a specific aircraft type or a temporary disruption in the overall aviation market. The RVI policy amount is set at or below a stressed forecasted value for the asset, so that the asset value would need to be below the stressed forecasted amount on the strike date for payment to be due under the RVI policy, with the loss under the RVI policy being the difference between the RVI amount and the amount recovered on the asset. Payment under the policy is contingent upon several factors, including, but not limited to, the asset being delivered to an agreed upon location in a satisfactory condition and without any liens, with deductions being made for any required repairs or improvements. The reinsurance market for this product is currently active, and the Company may choose to obtain reinsurance for its aircraft RVI reinsurance portfolio in the future in order to manage the size of the total portfolio and the exposure to specific aircraft types.

The Company had net exposure of \$140 million to aircraft RVI reinsurance as of December 31, 2017, all of which is rated IG internally.

**PVP (New Business)**

PVP, the Company's key metric for new business production, is defined as gross upfront premiums received and the present value of gross estimated future installment premiums, on contracts written in the current year, discounted at 6% per year. The Company believes PVP is a useful measure for management and other users of the financial statements because it enables the evaluation of the value of new business production by the Company by taking into account the value of estimated future installment premiums on all new contracts underwritten in a reporting period.

## New Business Written

Sector	Year Ended December 31,					
	2017			2016		
	Gross Exposure Written	PVP	Number of Transactions	Gross Exposure Written	PVP	Number of Transactions
	(in thousands, except number of transactions)					
Triple-X	\$ 444,443	\$ 9,838	2	\$ 1,038,506	\$ 22,288	1
RVI	201,272	15,465	9	—	—	—
Total	<u>\$ 645,715</u>	<u>\$ 25,303</u>	<u>11</u>	<u>\$ 1,038,506</u>	<u>\$ 22,288</u>	<u>1</u>

### g. Performance of Investments & Material Income & Expenses for the Reporting Period

The table below presents the results of operations of the Company on a consolidated basis.

#### Consolidated Statements of Operations

	Year Ended December 31,	
	2017	2016
	(in thousands)	
<b>Revenues</b>		
Net earned premiums	\$ 2,159	\$ 1,032
Net investment income	12,935	12,079
Net realized investment gains (losses)	(172)	637
Other income	24	0
<b>Total revenues</b>	<b>14,946</b>	<b>13,748</b>
<b>Expenses</b>		
Loss and loss adjustment expenses (benefit)	(625)	(1,071)
Amortization of deferred acquisition costs	247	63
Other operating expenses	4,381	3,193
<b>Total expenses</b>	<b>4,003</b>	<b>2,185</b>
<b>Income before income taxes</b>	<b>10,943</b>	<b>11,563</b>
Provision for income taxes	(752)	(3,228)
<b>Net income</b>	<b>\$ 10,191</b>	<b>\$ 8,335</b>

### Performance of Investments

The portfolio consists of fixed income securities and short-term investments. The weighted-average duration of the investment portfolio as of December 31, 2017 was 5.8 years, compared with the weighted-average duration of December 31, 2016 was 6.1 years. The following tables present the investment portfolio by asset class and contract maturity.

**Investment Portfolio  
by Asset Class**

Asset Class	As of December 31, 2017		As of December 31, 2016	
	Estimated Fair Value	Weighted Average Credit Rating(1)	Estimated Fair Value	Weighted Average Credit Rating(1)
	(in thousands)			
Fixed-maturity securities:				
Obligations of state and political subdivisions	\$ 142,359	AA	\$ 121,074	AA
Corporate securities	109,485	A	82,168	A+
RMBS	33,465	A+	37,943	A+
CMBS	18,859	AAA	19,758	AAA
U.S. government and agencies	11,746	AA+	18,343	AA+
Asset-backed securities	7,308	AAA	7,150	AAA
Total fixed-maturity securities	323,222	AA-	286,436	AA-
Short-term investments	4,363	AAA	9,046	AAA
Total investment portfolio	\$ 327,585	AA-	\$ 295,482	AA-

(1) Ratings in the table above represent the lower of the Moody's and S&P classifications. The Company's portfolio consists primarily of high-quality, liquid instruments.

**Distribution of Fixed-Maturity Securities  
by Contractual Maturity  
As of December 31, 2017**

	Estimated Fair Value
	(in thousands)
Due within one year	\$ 2,106
Year two	11,931
Year three	28,522
Year four	8,486
Year five	4,842
Due after five years through 10 years	102,152
Due after 10 years	112,859
RMBS	33,465
CMBS	18,859
Total	\$ 323,222

## Investment Return

	Year Ended December 31,	
	2017	2016
	(in thousands)	
Investment income:		
Fixed-maturity securities:		
Obligations of state and political subdivisions	\$ 3,978	\$ 3,307
Corporate securities	3,050	2,603
RMBS	1,659	1,279
CMBS	622	755
U.S. government and agencies	581	765
Asset-backed securities	224	160
Total fixed-maturity securities	10,114	8,869
Short-term investments	54	22
Interest income from loan receivable from affiliate	3,036	3,411
Gross investment income	13,204	12,302
Investment expenses and charges	(269)	(223)
Net investment income	12,935	12,079
Net realized investment gains (losses)	(172)	637
Total investment return	\$ 12,763	\$ 12,716

## Material Income and Expenses

The Company's main sources of income relate to investment income (as shown above) and earned premiums on its outstanding book of business. The Company's net earned premium were \$2 million in 2017 and \$1 million in 2016. The breakdown of this was as follows:

## Net Earned Premiums

	Year Ended December 31,	
	2017	2016
	(in thousands)	
Non-financial guaranty insurance net earned premiums:		
Triple-X	\$ 1,196	\$ 160
RVI	417	—
Catastrophe	—	136
Non-financial guaranty insurance net earned premiums	1,613	296
Financial guaranty insurance net earned premiums:		
Scheduled net earned premiums	531	720
Total refundings	7	1
Accretion of discount on net premiums receivable	8	15
Financial guaranty insurance net earned premiums	546	736
Net earned premiums	\$ 2,159	\$ 1,032

The majority of the Company's expenses relate to operating expenses which totaled \$4 million in 2017 and \$3 million in 2016.

**h. Any Other Material Information**

There was no other material information.

## **ii. GOVERNANCE STRUCTURE**

### **a. Board and Senior Executive**

#### **i. Board and Senior Executive Structure, role, responsibilities and segregation of responsibilities.**

The Company's affairs are managed by its Board and officers in Bermuda in accordance with the Code of Conduct. The Code of Conduct requires Bermuda insurers to have good corporate governance and risk management procedures in place and to be able to evidence same, based generally on a principle of proportionality. The Company's Board has the ultimate responsibility for the sound and prudent management of the Company. The Board is responsible for ensuring that the Company's business (along with its corporate governance policies and practices) is effectively directed, managed and conducted in a sound and prudent manner, with integrity, due care and the professional skills that are relative to the nature, scale and complexity of its business.

The Board is responsible for setting appropriate strategies and policies, and for providing suitable prudential oversight of the Company's risk management and internal controls framework. In carrying out their duties, the directors will act in accordance with all relevant and applicable legislative and regulatory rules, including the Insurance Act and the Companies Act, in particular, as well as the Company's constitutional framework (e.g., its bye-laws).

The Board convenes quarterly in Bermuda at the offices of the Company and on an ad hoc basis as required.

The members of the Board are comprised of members of senior management of the Company or of its ultimate parent, AGL, or other qualified individuals, in each case, who have been selected by AG Re.

The directors and officers of, and other appointed persons providing services to, the Company are detailed below:

#### Directors

Howard Albert  
Robert Bailenson  
Russell Brewer II  
Gary Burnet  
Ling Chow (Deputy Chairman)  
Stephen Donnarumma  
Dominic Frederico (Non-executive Chairman)

#### Officers

Conyers Corporate Services (Bermuda) Limited	Assistant Secretary
Robert Bailenson	Managing Director, Chief Financial Officer
Gary Burnet	President
Susie Tindall	Secretary
Darrin Futter	Vice President and Financial Controller
Ling Chow	General Counsel and Assistant Secretary
Serena Smith	Assistant Vice President, Surveillance
Manish Thareja	Vice President

#### Loss Reserve Specialist

Benjamin Rosenblum

#### Principal Representative

Gary Burnet

### **ii. Remuneration Policy**

The description of the remuneration policy contained herein applies to employees of the Company's affiliates, which serve as the employers of the Group's Bermuda and U.S. employees, including those who serve as directors of the Board and as

the Principal Representative and Loss Reserve Specialist of the Company. Officers of the Company who are not employees of affiliates within the Group receive a fixed fee.

The Company's affairs are managed by its Board and officers in Bermuda. The Company also contracts with affiliates to provide certain administrative support services. Group employees providing such services to the Company are compensated according to AGL's remuneration philosophy.

AGL's remuneration philosophy is grounded in the concept of attracting and retaining talented and experienced business leaders who can drive financial and strategic growth objectives intended to protect policyholders and build long-term shareholder value. AGL's remuneration policy is designed with the guiding principles of:

- pay for performance by providing an incentive for exceptional performance and the possibility of reduced compensation for underperformance,
- accountability for short and long-term performance,
- alignment to shareholder interests, and
- retention of highly qualified and successful employees.

The remuneration policy is designed to assess performance, using pre-established measures of success that are tied to the Group's (including the Company's) key business strategies. The policy encourages balanced performance, measured relative to financial and non-financial goals, and discourages excessive risk taking or undue leverage by avoiding too much emphasis on any one metric or on short-term performance.

AGL's remuneration policy has been designed to reward performance by providing more variable and performance-based remuneration to the senior management. The policy employs a mix of variable incentive compensation with various pay-out forms paid over staggered time horizons to provide an incentive for annual and sustained performance over the longer term. Most of the remuneration of the Company's directors and most senior personnel consists of variable incentive compensation, in the form of an annual cash incentive as well as long-term deferred compensation.

In developing its remuneration philosophy, AGL worked to identify areas of risk or potential for unintended consequences that could exist in the design of the philosophy and evaluated the incentive plans relative to enterprise risks. AGL concluded that its remuneration philosophy is designed and administered with the appropriate balance of risk and reward in relation to the overall business strategy and does not encourage executives to take unnecessary or excessive risks that could have a material adverse impact on AGL and its subsidiaries, including the Company.

Remuneration consists of three principal elements: base salary, cash incentive remuneration and long-term incentive compensation. The Company's remuneration policy is structured with upside potential for superior achievements, but also the possibility of reduced remuneration if individuals are unable to successfully execute group strategies or meet their business or regulatory obligations. The remuneration policy includes a recoupment (claw back) policy pursuant to which certain of the remuneration of the Chief Executive Officer of AGL and those individuals who report directly to him may be rescinded or recouped if such person engages in misconduct related to a restatement of AGL's financial results or of objectively quantifiable performance goals, and the achievement of those goals is later determined to have been overstated.

### **iii. Pension or Early Retirement Schemes for Members, Board and Senior Employees**

The Company participates in defined contribution retirement plans maintained by AGL, which are available to eligible full-time employees upon hire. Bermuda National employees can contribute 5% percent of their pensionable earnings to the Bermuda Retirement Plan. Employee contributions are matched by the Company at a rate of 100% up to 5% of the employee's compensation. Bermuda employees may also contribute an additional 1% into the International Retirement Plan which are matched by the Company at a rate of 100%. International employees based in Bermuda may contribute up to 6% of their pensionable earnings to the International Retirement Plan. Employee contributions are matched by the Company at a rate of 100% up to 6% of the employee's compensation. The Company also makes a "core contribution" of 6% of the employee's compensation into the International Retirement Plan, regardless of whether the employee contributes to the plans. Employees become fully vested in Company contributions after one year of service, as defined in the plans. The Company recognized defined contribution expenses of \$0.3 million and \$0.2 million for the year ended December 31, 2017 and December 31, 2016, respectively.

The Company's U.S. affiliate, AGC, a Maryland domiciled financial guaranty insurer (effective January 1, 2017, AG Services, as described in more detail below), also maintained defined contribution retirement plans. Employees of AGC (effective January 1, 2017, AG Services) who serve as directors of, or other appointed persons providing services to, the

Company are entitled to participate in AGC's (effective January 1, 2017, AG Services) retirement plans. AGC (effective January 1, 2017, AG Services) matches an employee's contribution at a rate of 100% up to 6% of the employee's annual compensation. AGC (effective January 1, 2017, AG Services) also contributes an additional 6% "core contribution" regardless of whether the employee contributes to the plan. Employees become fully vested in Company contributions after one year of service, as defined in the plans.

The Company does not provide any supplementary pension or retirement schemes for non-executive members of the Board or non-Group employees who serve as Company officers or other representatives.

#### **iv. Shareholder Controllers, Persons who Exercise Significant Influence, the Board or Senior Executive Material Transactions**

AG Re provides an irrevocable guaranty to the Company. Pursuant to the terms of the guaranty, upon demand by the Company, to the extent the Company is unable to satisfy any payment obligation, AG Re will make funds available to the Company for the full payment of such payment obligation when it is due. The Company has not made any demand to AG Re under this guaranty.

The Company and the Assured Affiliated Group have entered into an Agreement Concerning the Filing of Consolidated Federal Income Tax Returns, dated as of August 1, 2000, as amended by the Acknowledgment thereto dated as of March 1, 2013 (such agreement, as now or hereafter amended, supplemented or otherwise modified from time to time, the Tax Agreement) pursuant to which each party thereto agrees to (i) be included in a consolidated U.S. federal income tax return for the taxable year 2000 and succeeding tax years during which such party remains a member of the Assured Affiliated Group and (ii) pay its proportionate share of the consolidated U.S. federal income tax burden that would have been paid if such party had filed on a separate return basis. The Company's direct parent, AGOUS, prepares and files the applicable consolidated U.S. federal income tax returns and any other returns, documents or statements required to be filed with the Internal Revenue Service with respect to the determinations of the Federal income tax liability of the Assured Affiliated Group.

Until December 31, 2016, the Company's U.S. affiliate, AGC, and various of its affiliates, including AGRO, were parties to the Amended and Restated Service Agreement, effective as April 1, 2015 (Group Service Agreement). Under the Group Service Agreement, AGC was the payroll company for, and employer of, the U.S. employees of the Group. AGC's employees made available to its Bermuda, U.S. and U.K. affiliates, as applicable, equipment, insurance, reinsurance and such other services, including actuarial, marketing, underwriting, claims handling, surveillance, legal, corporate secretarial, IT, human resources, accounting, tax, financial reporting and investment planning services. Expenses under the Group Service Agreement were allocated directly where appropriate and, where not appropriate, based upon an allocation of employee time and corresponding office overhead. The agreement provided for quarterly settlements and an express right of offset with regard to amounts owing between parties under the Group Service Agreement and other agreements between such parties. In the first quarter of 2017, AGC's parent, Assured Guaranty US Holdings Inc., formed and capitalized AG Services, a Delaware corporation, to act as the payroll company and employer for all U.S. personnel and the central, dedicated service provider within the Group in place of AGC. This structure is consistent with the way in which numerous other insurance holding companies provide inter-company staff and services. Accordingly, effective January 1, 2017, (i) AGC transferred its employees and their employee benefit, retirement and health plans to AG Services; and (ii) the Group Service Agreement was amended and restated to replace AGC with AG Services as the payroll company and service provider under the agreement. Such amended and restated agreement is substantially identical to the Group Service Agreement except for a few changes primarily related to operational matters, including pre-funding by affiliates who are the largest consumers of group services and inter-company allocation of expenses.

#### **b. Fitness and Proprietary Requirements**

##### **i. Fit and Proper Process in assessing the Board and Senior Executives**

In connection with the Company's annual general meeting, the Company assesses the fitness and propriety of all of its Board members, officers, Principal Representative and Loss Reserve Specialist to confirm, prior to their appointment or reappointment, that all such individuals possess appropriate qualifications and experience to perform their designated role(s) and responsibilities.



## **ii. Board and Senior Executives Professional Qualifications, Skills and Expertise**

The Company ensures that all Board members and executive officers possess the characteristics set out below, and therefore are able to provide competent and prudent management through their professional qualifications, knowledge, experience and integrity.

- relevant qualifications and experience for each position,
- sound judgment,
- understanding of the insurance business written by the Company, including residual value, financial guaranty and life reinsurance, as well as other relevant insurance businesses,
- honesty and integrity,
- a good reputation,
- competency and capacity to perform key functions, and
- financial soundness.

Below are details of the Board and executive officer qualifications, skills and experience:

**Dominic J. Frederico** has been a director, and the President and Chief Executive Officer of AGL since its IPO in 2004. Mr. Frederico served as Vice Chairman of ACE Ltd. from 2003 until 2004 and served as President and Chief Operating Officer of ACE Ltd. and Chairman of ACE INA Holdings, Inc. from 1999 to 2003. Mr. Frederico was a director of ACE Ltd. from 2001 through May 2005. From 1995 to 1999 Mr. Frederico served in a number of executive positions with ACE Ltd. Prior to joining ACE, Mr. Frederico spent 13 years working for various subsidiaries of the American International Group. Mr. Frederico currently serves as a Director and Chairman of the Board of AG Re and AGRO.

**Ling Chow** is General Counsel and Secretary of AGL. She previously served as Deputy General Counsel and Assistant Secretary of the company. Ms. Chow is also the General Counsel and Secretary of AGL's U.S. subsidiaries and previously served as U.S. General Counsel of such subsidiaries since June 2016. She also served as Counsel of such subsidiaries in several capacities since April 2002. Previously, she worked as a corporate lawyer at three New York City law firms. Ms. Chow currently serves as a Director and Deputy Chairman of the Board of AG Re and AGRO, and also serves as the General Counsel and Assistant Secretary of AGRO.

**Robert A. Bailenson** has been the Chief Financial Officer of AGL since June 2011. Prior to that, he had been the Chief Accounting Officer of AGL since May 2005 and has been with AGL and its predecessor companies since 1990. Mr. Bailenson also serves as the Chief Financial Officer of Assured's U.S. subsidiaries. He was Chief Financial Officer and Treasurer of AG Re from 1999 until 2003 and was previously the Assistant Controller of Capital Re Corp., which was acquired by ACE in 1999 and the parent holding company of AGC until the IPO. Mr. Bailenson currently serves as a Director of AG Re and AGRO, as well as Chief Financial Officer and Managing Director of AGRO.

**Gary Burnet** has been President of AG Re and AGRO since August 2012. Mr. Burnet also serves as a Director and as Principal Representative of these companies. Prior to this, Mr. Burnet was the Managing Director - Chief Credit Officer of AG Re since 2006 and served as the Vice President - Risk Management and Operations of AG Re from 2002 to 2005. Prior to joining Assured, Mr. Burnet's previous experience included two years at ACE Asset Management, where he was Investment Officer with responsibility for developing and modeling the ACE group's consolidated investment and insurance credit risk. Prior to ACE Asset Management, he was an Assistant Vice President-Investments at ACE Bermuda. Mr. Burnet trained as a Chartered Accountant with Geoghegan & Co. CA from 1993 to 1996 in Edinburgh, Scotland and also worked as an audit senior for Coopers & Lybrand from 1996 to 1998 in Bermuda.

**Howard W. Albert** has been Chief Risk Officer of AGL since May 2011. Prior to that, he was Chief Credit Officer of AGL from 2004 to April 2011. Mr. Albert joined Assured Guaranty in September 1999 as Chief Underwriting Officer of Capital Re Company, the predecessor to AGC. Before joining Assured Guaranty, he was a Senior Vice President with Rothschild Inc. from February 1997 to August 1999. Prior to that, he spent eight years at Financial Guaranty Insurance Company from May 1989 to February 1997, where he was responsible for underwriting guaranties of asset-backed securities and international infrastructure transactions. Prior to that, he was employed by Prudential Capital, an investment arm of The Prudential Insurance Company of America, from September 1984 to April 1989, where he underwrote investments in asset-backed securities, corporate loans and project financings. Mr. Albert currently serves as a Director of AG Re and AGRO.

**Russell B. Brewer II** has been Chief Surveillance Officer of AGL since November 2009 and Chief Surveillance Officer of AGC and AGM since July 2009. Mr. Brewer has been with AGM since 1986. Mr. Brewer was Chief Risk Management Officer of AGM from September 2003 until July 2009 and Chief Underwriting Officer of AGM from September

1990 until September 2003. Mr. Brewer was also a member of the Executive Management Committee of AGM. He was a Managing Director of AGMH from May 1999 until July 2009. From March 1989 to August 1990, Mr. Brewer was Managing Director, Asset Finance Group, of AGM. Prior to joining AGM, Mr. Brewer was an Associate Director of Moody's Investors Service, Inc. Mr. Brewer currently serves as a Director of AG Re and AGRO.

**Stephen Donnarumma** was appointed as a Director of AG Re and AGRO in September 2012 and has been with Assured Guaranty since 1993. Mr. Donnarumma has been the Chief Credit Officer of AGC since 2007, of AGM since its 2009 acquisition, and of MAC since its 2012 capitalization. Over the past 25 years, Mr. Donnarumma has held a number of positions at Assured Guaranty, including Deputy Chief Credit Officer of AGL, Chief Operating Officer and Chief Underwriting Officer of AG Re, Chief Risk Officer of AGC, and Senior Managing Director, Head of Mortgage and Asset-backed Securities of AGC. Prior to joining Assured Guaranty, Mr. Donnarumma was with Financial Guaranty Insurance Company from 1989 until 1993, where his responsibilities included underwriting domestic and international financial guaranty transactions. Prior to that, he served as a Director of Credit Risk Analysis at Fannie Mae from 1987 until 1989. Mr. Donnarumma was also an analyst with Moody's Investors Services from 1985 until 1987.

**Darrin Futter** was elected Financial Controller of AG Re and AGRO in 2007, prior to which he worked for Deloitte in the Bermuda office and worked as a consultant to AG Re. Mr. Futter has worked in various senior audit roles with Ernst and Young LLP in the US and KPMG in Zimbabwe, where he completed his Articles of Clerkship in 2000. He holds a Bachelor of Accounting Science (Hon.) degree from the University of South Africa and is also a Chartered Accountant and a member of the Institute of Chartered Accountants of Zimbabwe.

### **c. Risk Management and Solvency Self-Assessment**

#### **Enterprise Risk Management**

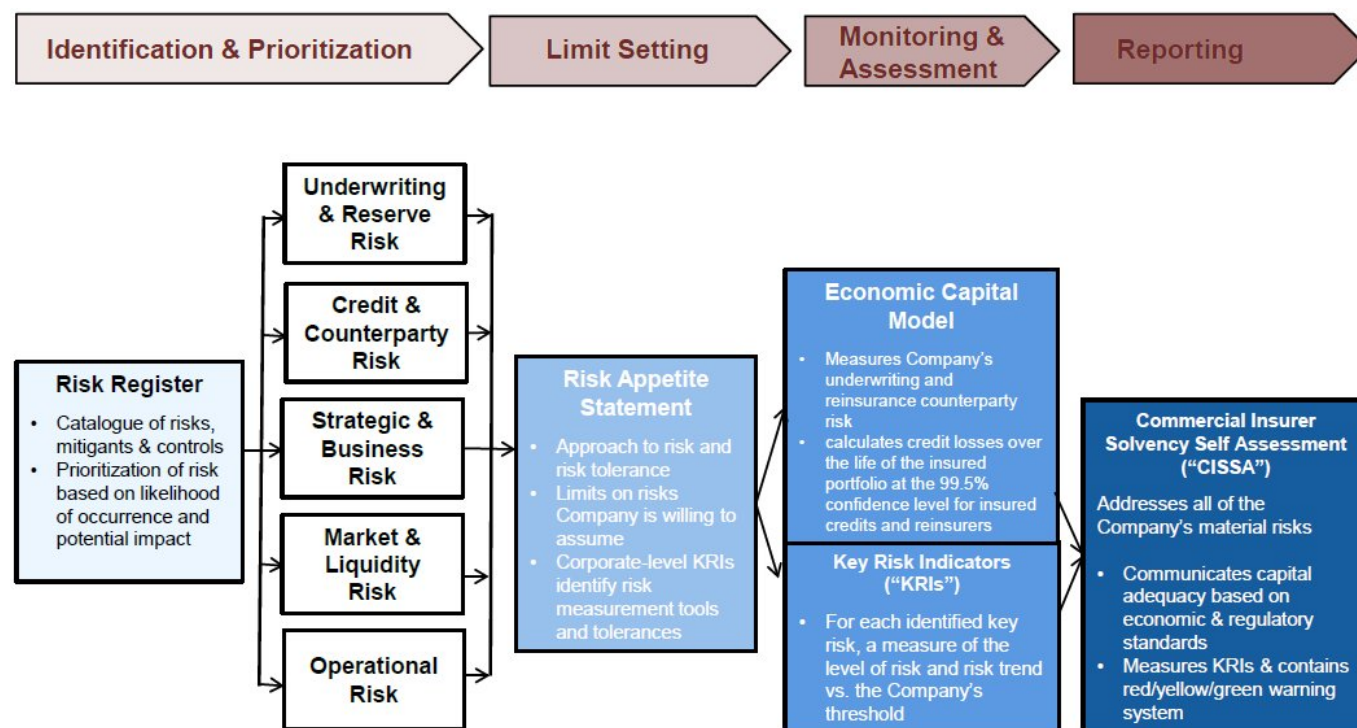
The Board plays a critical role in enterprise risk management. The Board is responsible for addressing the linkage between risk, capital planning and business decisions. The Board oversees the creation and maintenance of the risk register, risk appetite statement and CISSA, the ECM and the design of stress and sensitivity testing. Regular CISSA reporting keeps management and its governing body continually aware of the information needed to develop informed business strategy and capital management plans, as well as to refine the Company's risk appetite to reflect actual or potential capital constraints.

The risk management function is responsible for the operational aspects of risk management including:

- implementing the risk management framework
- assessing the risk profile
- maintaining the risk register
- updating the risk appetite statement
- developing and preparing the CISSA
- maintaining the ECM
- performing scenario and stress testing on the Company's capital adequacy
- analyzing the impact of potential emerging issues
- identifying and reporting on any material risk issues to the Board

## 1. Risk Management Framework

The Company's risk management framework is set out in the flowchart below and each major component of the framework is summarized below the flowchart.



## 2. The Risk Register

The Company's CISSA process begins with a complete assessment of the Company's universe of risks. The risk management function works with business unit leaders throughout the Group to ensure that all known risks are identified and to work cooperatively on determining the importance of these risks and the most effective ways to measure them. The business units maintain ownership, accountability and responsibility for the risks arising in their respective areas. The results of the risk identification process are documented in the Company's Risk Register which provides, for each risk, the risk indicators or drivers; the likelihood of the risk occurring and its impact, both as an inherent risk and a residual risk, i.e., after consideration of controls and risk mitigants in place at the Company to minimize the risk; and the area responsible for the risk. The Risk Register is updated by the risk management function annually. The Risk Register is subject to review, challenge and approval by the Board.

## 3. The Risk Appetite Statement

The Company's Risk Appetite Statement describes the types of risks the Company is willing to accept and sets forth risk tolerances as appropriate. The Risk Appetite Statement prohibits the execution of certain kinds of transactions and sets certain portfolio concentration limits. The risk management function updates the Risk Appetite Statement annually, and it is subject to review, challenge and approval by the Board.

## 4. The Key Risk Indicators

The CISSA process includes a series of KRIs, which are measured annually, that were developed in consultation with the business unit managers throughout the Company to ensure that they both properly capture the Company's material risks as set forth in the Risk Register and use effective techniques for risk measurement. The KRIs are prioritized by the likelihood of the risk occurring over the Company's business planning horizon or beyond, and the potential severity of the impact that each risk would have on the Company if it were to occur. In addition, the KRIs address trends in the Company's business, e.g., financial, economic and credit, that would be leading indicators, positive or negative, of possible changes in solvency over time. The Company measures each of its KRIs annually and assigns a rating of green (comfortably within the Company's risk tolerance), yellow (within the Company's risk tolerance but warrants attention) or red (outside the Company's risk tolerance),

and reviews and updates its KRIs at least annually to ensure that they continue to provide a relevant, appropriate and comprehensive assessment of the Company's risk. Management actions are identified to address any yellow or red KRIs.

## **5. *Standard Formula, CISSA Capital Requirement & ECM***

The Company uses the Standard Formula to measure its capital adequacy under the ECR. To calculate what it believes to be its true economic risk for its CISSA, the Company calculates its own internal CISSA capital requirement. The CISSA capital requirement employs a model created by the Company, its ECM, to measure its key risks, underwriting risk. It uses the Standard Formula for calculation of its less material risks: market & liquidity risks and operational risks.

The Company believes that the CISSA capital requirement, which is based on the ECM, provides a more realistic assessment of the Company's capital needs and resources because:

- The ECM views the Company's risks over the lifetime of its transactions, rather than the one-year time horizon prescribed by the Solvency Regulations. The Company believes that a lifetime approach to capital resources and requirements is a more appropriate measure of the Company's solvency because the Company's policies tend to be very long dated and non-cancellable. Further, they cannot be re-priced over their terms.
- The ECM measures the Company's credit and counterparty risks together. This is critical in assessing the Company's key risks because the Company is not exposed to claim payments on its ceded risk unless the obligor in a given transaction defaults, the related reinsurer fails to pay and any collateral posted by the reinsurer to support its obligation has been exhausted.
- The ECM uses the Company's assumptions, developed based on its own experience and published studies, to establish sector-specific assumptions for probability of loss, loss severity default and correlation that allow for more robust loss modeling than the Standard Formula provides.

The Company's ECM was designed to measure the Company's underwriting risk, by calculating projected stress losses across the portfolio in a 1-in-200 lifetime loss scenario (the 99.5% lifetime value-at-risk), instead of the 1-in-200 one year loss scenario required under the Standard Formula, and through the use of scenario and stress testing at even more stressful levels. The Company has a limited number of discrete risks, making it possible to review and model the risk related to each individual exposure using its risk rating, type and size of risk and projected term, generating capital requirements by calculating the individual contribution to required capital for each transaction. The model has the ability to rank the transactions by risk and aggregate risk by sector. Stress testing of the ECM results is completed at least annually to help management understand the Company's vulnerability to various material potential capital events.

The risk management function is responsible for the design, testing, validation and implementation of the Company's CISSA capital requirement, including its ECM. In designing parameters and assumptions for the ECM, risk management consulted with senior managers throughout the Company (and its ceding companies). At the time of initial design, and from time to time and after material methodology changes, the ECM has been validated by an outside consulting firm, finding that the core methodology appeared sound and broadly in line with industry practices for credit economic capital modeling. Risk management regularly works with senior managers in the Company to re-evaluate and update the CISSA capital requirement and ECM to ensure that they continue to satisfactorily address the Company's key risks.

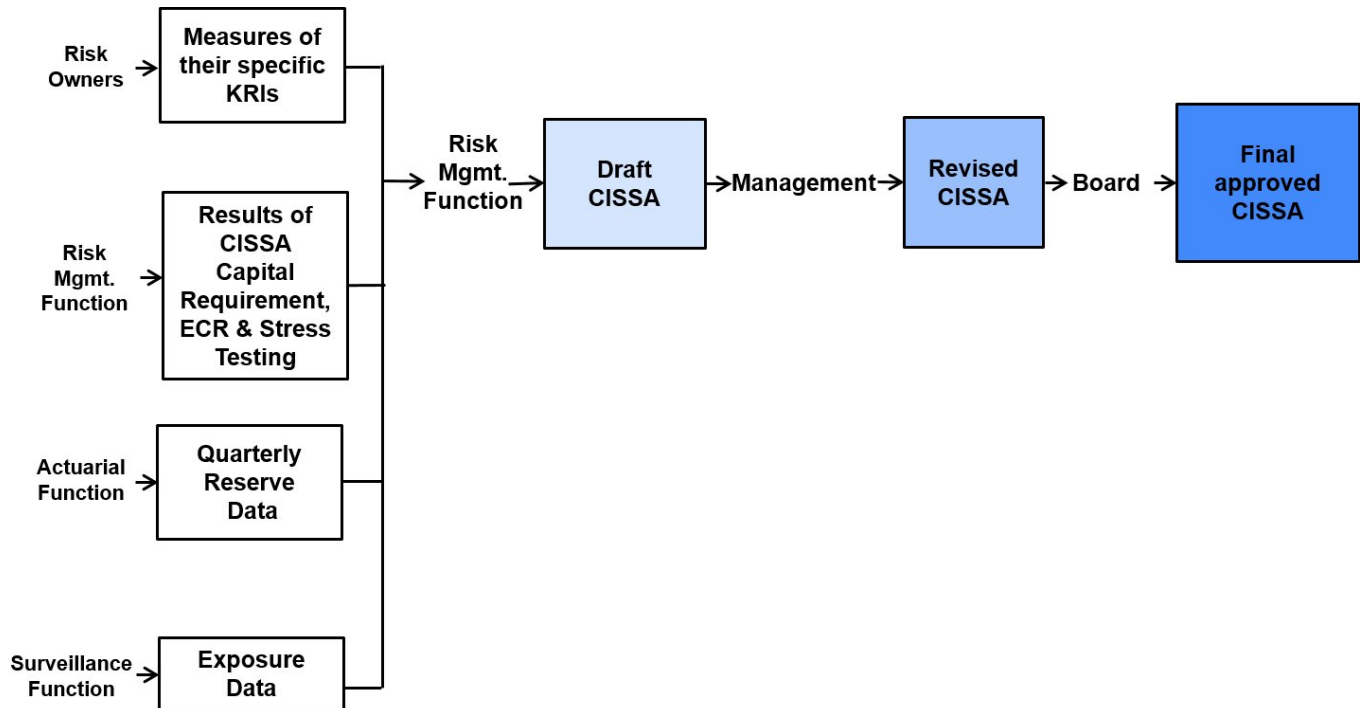
## **6. *CISSA Report***

As part of its risk management framework and system, the Company documents the results of the risk management activities described above in its CISSA report, the main vehicle the Company uses to inform management and the Board about all reasonably foreseeable and relevant material risks to the Company, both quantitative and qualitative. The CISSA is intended to provide a complete picture of the Company's risk profile and capital adequacy relative to these risks, present the overall solvency needs and solvency condition of the Company taking into account its risk profile, risk appetite and business strategy and demonstrate compliance, on a continuing basis, with internal and regulatory capital requirements.

The CISSA is part of the business strategy and is taken into account on an ongoing basis in the strategic decisions of the Company. Accordingly, the results of the CISSA are presented to the Board on an annual basis, or more frequently if the Company and the risk management function deem that there has been a material change in the Company's risk profile that warrants a special run of the model and preparation of a special CISSA.

The business units have ownership, accountability and responsibility for the risks arising in their respective areas that form the basis for the CISSA. The risk management function has responsibility for monitoring, measuring and reporting on these risks. The CISSA is subject to review, challenge and approval by the Board.

### The CISSA Process



The CISSA report includes the following information:

- Results of the CISSA capital requirement (including the ECM)
- MSM and ECR
- Compliance with regulatory capital requirements
- Risk attribution - major contributors to value-at-risk, by sector and exposure
- Performance against KRIs, which are ranked by importance and likelihood of occurrence
- Assessment of non-quantitative risks
- Results of any stress scenario tests or sensitivity analyses conducted during the reporting period

The features of the CISSA make it a valuable tool for business planning and assessing capital needs of the Company over time, related to both potential changes in the composition of the insured portfolio and for proposed new business undertakings over the course of the business planning horizon, such as:

- New capital strategies
- Material or extreme events
- Expansion of business sectors and/or addition of new businesses
- Proposed regulatory changes

It also highlights for management and the Board actual and potential areas of concern across the Company, and includes potential management actions where appropriate.

The risk management function is responsible for the design, development, maintenance and reporting of the CISSA. The risk management function examines the CISSA framework and related components at least annually to ensure that they continue to properly identify and assess the Company's risks.

## **Transaction Level Risk Management**

The Company's surveillance staff monitors the performance of each transaction level risk in its portfolio and tracks the aggregation of risk. To help perform these activities, the Company may receive support services from its affiliates under service level agreements.

The review cycle and scope for transactions varies based upon transaction type and risk profile. In general, the review process includes the collection and analysis of information from various sources, including trustee and servicer reports, financial statements, general industry or sector news and analyses, and rating agency reports. The surveillance process can include monitoring general economic trends, developments with respect to the financial situation of the issuers, performance data and cash flows, compliance with transaction terms and conditions, and evaluation of servicer or collateral manager performance and financial condition. Additionally, various quantitative tools and models are used to assess transaction performance and identify situations where there may have been a change in risk profile. For all transactions, surveillance activities may include discussions with or site visits to issuers, servicers or other parties to a transaction.

All transactions in the insured portfolio are assigned internal ratings, which are updated based on changes in transaction risk profile. Internal ratings are based on internal assessments of the likelihood of loss and loss severity in the event of loss. Internal ratings are expressed on a ratings scale similar to that used by the Rating Agencies and are generally reflective of an approach similar to that employed by the Rating Agencies, except that the Company's internal ratings focus on future performance rather than lifetime performance.

The Company's insured portfolio is segregated into IG and BIG surveillance categories to facilitate the appropriate allocation of resources to monitoring and loss mitigation efforts and to aid in establishing the appropriate cycle for periodic review for each exposure. BIG exposures include all exposures with internal ratings below "BBB-".

Surveillance monitors its IG exposures to determine whether any need to be internally downgraded to BIG and refreshes its internal ratings on individual exposures in quarterly, semi-annual or annual cycles based on the Company's view of the exposure's risk profile, loss potential, volatility and sector. Ratings on exposures identified as under the most stress or with the most potential volatility are reviewed every quarter.

Exposures identified as BIG are subjected to further review to determine the probability of a loss. Surveillance personnel assign each BIG transaction to the appropriate BIG surveillance category based upon whether a future loss is expected and whether a claim has been paid.

The surveillance staff analyzes all available information related to the financial health of the transaction with the goal of identifying early warning signs of deteriorating performance. Generally, transactions are reviewed and presented in sector reports, which group together transactions that share common risk characteristics. Reviewing exposures by sector facilitates comparison of performance, risk ranking and early identification of underperforming transactions. In addition, each quarter, surveillance staff prepares and presents a quarterly risk management review to the Board.

### ***Workout Activities***

There are no current workout matters. If there is a workout situation, the Company's surveillance personnel will be responsible for managing it. The Company's surveillance personnel will develop strategies designed to enhance the ability of the Company to enforce its contractual rights and remedies and mitigate potential losses and may also engage in negotiation discussions with transaction participants.

## **Underwriting Risk Management**

The Company has a framework and procedures in place for establishing and implementing underwriting guidelines and single risk and risk concentration limits across the insured portfolio, as well as procedures for ensuring that they are adhered to in the transaction approval process.

The Company sets the single risk limits and underwriting guidelines within the limits that are allocated to the Company by the Group Portfolio Risk Management Committee, subject to the Company's underwriting process.

## **1. Underwriting Policy**

In the conduct of its business, the Company applies its underwriting judgment, risk management skills and capital markets experience. The Company seeks to limit its exposure to losses by underwriting obligations that are expected to have no losses.

The Company currently provides reinsurance mainly through Triple-X transactions and aircraft RVI. The Company also has a legacy book of transactions ceded under financial guaranty reinsurance treaties. While the Company has not provided new financial guaranty reinsurance in the recent past, it may do so again in the future.

## **2. Underwriting Procedure**

Each transaction underwritten by the Company involves both underwriting and legal personnel, who analyze the structure of a potential transaction and the risk and legal issues pertinent to the particular line of business or asset class, and accounting and finance personnel, who review the more complex transactions for compliance with applicable accounting standards and investment guidelines. The Company may receive legal and other support from its affiliates, and may also engage consultants and/or external counsel to assist in analyzing a transaction's financial or legal risks.

Upon completion of the underwriting analysis, the underwriter prepares a formal report that is submitted to the credit committee for review and approval.

## **3. Underwriting Approval Process**

The credit committee is composed of senior officers of the Company. Within the parameters delegated to it by the Board, the credit committee establishes underwriting standards and guidelines and processes and controls that govern transactions, and has the authority to review and approve or reject transactions undertaken by the Company. All new transactions approved by the credit committee, other than small residual value insurance transactions and internal reinsurance cessions, must also be approved by the Board. As part of the approval process, the credit committee enforces the single risk and concentration limits which it has established. It also incorporates critical feedback on the performance of, and any problems related to, transactions in the Company's insured portfolio.

Prior to the closing of any transaction, a compliance certificate must be signed by the responsible underwriter and the responsible attorney confirming that the transaction conforms in all material respects to the terms of the transaction that was reviewed and approved by the credit committee and the Board.

## **d. Internal Controls**

### **i. Internal Control System**

#### ***Financial Reporting Internal Controls***

- The Company's annual financial statements are produced by the finance team, with support from the finance department of the affiliated ceding companies. The production process incorporates review for completeness and accuracy by senior management. The financial statements are subsequently reviewed by the Company's management prior to being presented to the Company's Board for final approval.
- Specific to the Company's 2017 Financial Condition Report, management designed and documented internal controls over the preparation of information contained in this Report. A Disclosure Committee reviews the Company's Financial Condition Report prior to filing.
- The persons responsible for these controls attest to executive management that they have properly executed these controls each reporting period.
- Members of the Group's management independently review the execution of the Group's internal controls and report to the Group Board on the results of their testing.

#### ***Vendor Management Controls***

- The Group has a vendor management policy that ranks vendors in terms of level of risk, and requires, for higher risk vendors, an annual review of internal control reports from those vendors.

### ***Outsourcing Controls***

- All of the Company's outsourcing arrangements are reviewed on an annual basis by the Board and more frequently if required. Any new Group or third party outsourcing arrangements, or changes to existing Group or third party outsourcing arrangements, are reviewed and approved by the Company's management and/or the Board, as appropriate.

### ***IT Controls***

The Company purchases IT services from its affiliate, AG Services, via an outsourcing arrangement and as a result utilizes the Group infrastructure, applications, data and services. The IT policies and procedures for the Company follow the Group policies and procedures as described in the IT Systems Governance Policy. IT system controls cover areas including:

- Roles and responsibilities
- Physical security
- Network security
- Access control
- Data center operations
- Employee use
- Testing
- Project management

A combination of preventive and detective controls are used to ensure the integrity, availability and confidentiality of IT systems.

### **ii. Compliance Function**

Due to the relatively small size of the Company, the Company does not have a separate compliance department whose sole remit is monitoring compliance-related activities. The compliance function is carried out by the Company's President and Financial Controller, with oversight by the Group's General Counsel and the Group's Chief Compliance Officer.

The Group's General Counsel and the Group's Chief Compliance Officer are independent from any business or operational unit. The Group's General Counsel and the Group's Chief Compliance Officer report to the Board at its quarterly meetings.

The principal activities of the compliance function are as follows:

- Advising the Board on compliance with applicable laws and regulations and assessing the possible impact of new laws and regulations on the Company.
- Ensuring that new regulatory rules and internal guidelines are communicated to the affected business areas and providing guidance to those business areas in respect of such requirements.
- Maintaining an open dialog with the BMA, and other applicable regulators, and submitting the appropriate information to those regulators, including notice of matters that are of concern to the regulators.
- Ensuring that all relevant personnel complete training on their regulatory roles and responsibilities, and on compliance with applicable laws and regulations, on a regular basis (including anti-money laundering and anti-bribery/corruption training).
- Assessing, together with the internal audit function, the adequacy and effectiveness of the Company's compliance controls.

The Group's General Counsel and the Group's Chief Compliance Officer work with the internal audit function to develop an internal audit plan that addresses, as appropriate, compliance by the Company with internal policies and procedures. The internal audit function is responsible for monitoring compliance with internal strategies, processes and reporting procedures. Refer to *Section ii.e Internal Audit* for additional information. The Company's compliance program also is integrated with the Group's compliance program, which includes providing the Group's Chief Compliance Officer with an inventory of all filings due by the Company throughout the year and reporting compliance violations or significant issues raised during the year. The compliance inventory is reviewed and significant issues are discussed on a quarterly basis at Group compliance meetings. The compliance process is established on a project-by-project basis or topic-by-topic basis using Group personnel with applicable experience and outside advisors, as appropriate.



#### **e. Internal Audit**

The Company has outsourced its Internal Audit function to an international public accounting firm. Internal Audit has unrestricted access to all areas and property of the organization, including personnel records, records held by third-party service providers, and also reports directly to the Board.

#### **f. Actuarial Function**

The Company's loss reserve specialist is responsible for the calculation of the technical provisions for the loss and loss expense best estimate. The loss reserve specialist works with the risk management and surveillance departments to create assumptions that are used to calculate the best estimate premium provision. The best estimate premium provision and the risk margin is calculated by the risk management department. The best estimate premium provision and the risk margin is reviewed by the loss reserve specialist to ensure it is reasonable.

The loss reserve is reviewed by the reserve committee and presented to the Board on a quarterly basis.

#### **g. Outsourcing**

##### **i. Outsourcing Policy and Key Functions that have been Outsourced**

Given the relatively small size of the Company and the Company's desire to focus on its core business, the Company has determined that certain of its functions should be outsourced to one or more affiliates, or third parties, to improve the efficiency and effectiveness of the Company's operations.

All of the Company's outsourcing arrangements are reviewed on an annual basis by the Board and more frequently if required. Any new Group or third party outsourcing arrangements, or changes to existing Group or third party outsourcing arrangements, are reviewed and approved by the Company's management and/or the Board, as appropriate.

##### ***Third-Parties Outsourcing Arrangements***

###### ***Investment Management***

The Company outsources the management of its investment portfolio to a third party investment manager (BlackRock Financial Management, Inc.) under a mandate designed to support the highest possible ratings, manage credit risk, ensure ample liquidity to cover losses in a stress scenario and maximize income. The investment manager manages the investment portfolios of the Company in accordance with the Company's investment guidelines. For more information on 'prudent person principle' see *Section iii.b Market Risk*.

###### ***Internal Audit***

The Company outsources the internal audit function to an international public accounting firm. Refer to *Section ii.e Internal Audit Function* above for additional information.

##### **ii. Material Intra-Group Outsourcing**

As described in *Section ii.a.ii Remuneration Policy and Section ii.a.iv Shareholder Controllers, Persons who Exercise Significant Influence, the Board or Senior Executive Material Transactions* above, the Company's affairs are managed by its Board and officers in Bermuda. In addition, the Company contracts with its affiliates to provide certain administrative support services. In 2016, the Company was a party to a service agreement with AGC pursuant to which AGC made available to the Company certain services, including actuarial, surveillance, marketing, claims handling, legal, information technologies, human resources, accounting, tax, financial reporting and investment planning services. Employees of AGC that are performing administrative services for AGRO were not empowered to make underwriting or other decisions on behalf of the Company or to bind the Company in any way. Effective 1 January 2017, the company providing services under the intercompany agreement is AG Services. The scope of the services provided under the agreement and the personnel providing the services have not changed.

#### **h. Any Other Material Information**

There was no other material information.

### iii. RISK PROFILE

#### a. Underwriting Risk

The Company's most material risk is underwriting risk. The Company currently provides reinsurance mainly through Triple-X and RVI transactions. The Company also has a legacy book of transactions ceded under financial guaranty reinsurance treaties. While the Company has not provided new financial guaranty reinsurance in the recent past, it may do so again in the future.

#### Measurement

The Company's main metrics for measuring its portfolio risk (in addition to its risk management and CISSA process, discussed in *Section ii.c Risk Management and Solvency Self-Assessment*) are exposure, sector and internal rating. The Company also considers geographic concentrations for its financial guaranty transactions and the underlying assets for its RVI transactions. At the closing of each transaction, the credit committee assigns the transaction to a sector (i.e., a group of transactions with similar risk characteristics) for purposes of evaluating risk and potential correlations. The credit committee also assigns an internal rating reflecting the risk profile of the transaction, with such rating subject to change over time. Surveillance is responsible for monitoring the performance of all insured transactions throughout their terms and recommending internal rating changes as appropriate. All rating changes must be approved by the Risk Management Committee.

The sector composition of the insured portfolio and the breakdown of internal ratings as of December 31, 2017, are set forth below.

#### *Triple-X and RVI (Non-Financial Guaranty Portfolio)*

The Company offers non-financial guaranty execution on an assumed basis. Current outstanding exposure to non-financial guaranty business includes:

- Triple-X reinsurance on approximately \$773 million of gross exposure and \$675 million of net exposure as of December 31, 2017, which is expected to increase to approximately \$1.2 billion on a gross basis (\$1.0 billion on a net basis) prior to September 30, 2036.
- In addition, the Company started providing reinsurance on aircraft RVI policies in the first quarter of 2017 and had gross exposure of \$201 million and net exposure of \$140 million to such reinsurance as of December 31, 2017.

## Financial Guaranty Portfolio

### Sector Breakdown of the Financial Guaranty Insured Portfolio

Sector	As of December 31, 2017			As of December 31, 2016	
	Number of Risks	GPO	NPO	Number of Risks	Par (1)
		(in thousands, except number of risks)			
<b>Public finance:</b>					
General obligation	33	\$ 80,917	\$ 80,917	38	\$ 84,189
Investor-owned utilities	1	45,000	45,000	1	45,000
Infrastructure finance	1	10,054	10,054	1	11,385
Municipal utilities	21	7,858	7,858	20	22,861
Transportation	10	7,557	7,557	11	9,568
Tax-backed	8	1,238	1,238	10	1,681
Total public finance	74	152,624	152,624	81	174,684
<b>Structured finance:</b>					
Insurance securitization	1	376,000	—	—	—
Other asset-backed tax credit	2	99,617	99,617	2	121,363
Commercial receivables	3	16,263	16,263	3	30,014
RMBS	—	—	—	4	104
Total structured finance	6	491,880	115,880	9	151,481
Total portfolio	80	\$ 644,504	\$ 268,504	90	\$ 326,165

(1) GPO and NPO are the same.

### Risk Concentration

#### Triple-X

The underlying exposure of the Triple-X transactions are spread across different vintages and geography. In addition, the assets providing support to the facility (before the Company is required to pay a claim) are diversified and of high credit quality. The Triple-X exposure is discussed in *Section i.f Insurance Business Written by Business Segment and by Geographical Region*. The exposure is internally rated IG.

#### Financial Guaranty

The Company's top ten financial guaranty exposures measured by GPO represented 96.6% of financial guaranty GPO as of December 31, 2017. These exposures were comprised of various sectors, including general obligation bonds, investor-owned utilities, commercial receivables, infrastructure finance and other structured finance. There were no material changes to the top ten financial guaranty exposures.

#### RVI

RVI obligations assumed by the Company consist primarily of exposure to modern, in-production aircraft with a large installed operator base. The RVI exposure is discussed in *Section i.f Insurance Business Written by Business Segment and by Geographical Region*. The exposure is internally rated IG.

**Net Exposure (1)**  
**by Internal Rating**  
**As of December 31, 2017**

Rating Category	Triple-X		Financial Guaranty		RVI		Total	
	Net Exposure	%	Net Exposure	%	Net Exposure	%	Net Exposure	%
(dollars in thousands)								
AAA	\$ —	—%	\$ 87,663	32.6%	\$ —	—%	\$ 87,663	8.1%
AA	675,226	100.0	4,033	1.5	—	—	679,259	62.7
A	—	—	95,470	35.6	—	—	95,470	8.8
BBB	—	—	65,061	24.2	139,479	100.0	204,540	18.9
BIG (2)	—	—	16,277	6.1	—	—	16,277	1.5
Total net exposure	<u>\$ 675,226</u>	<u>100.0%</u>	<u>\$ 268,504</u>	<u>100.0%</u>	<u>\$ 139,479</u>	<u>100.0%</u>	<u>\$ 1,083,209</u>	<u>100.0%</u>

- (1) Exposure for Triple-X and RVI is shown net of any reinsurance ceded to third parties. For financial guaranty contracts, exposure is the par outstanding of the insured obligation net of any reinsurance ceded to third parties.
- (2) BIG exposure relates to four risks, which are primarily structured finance commercial receivables. A risk represents the aggregate of the financial guaranty policies that share the same revenue source for purposes of making debt service payments.

**Net Exposure (1)**  
**by Internal Rating**  
**As of December 31, 2016**

Rating Category	Triple-X		Financial Guaranty		Mortgage (3)		Total	
	Net Exposure	%	Net Exposure	%	Net Exposure	%	Net Exposure	%
(dollars in thousands)								
AAA	\$ —	—%	\$ 109,619	33.6%	\$ —	—%	\$ 109,619	14.5%
AA	390,765	100.0	6,545	2.0	—	—	397,310	52.8
A	—	—	107,797	33.1	35,591	100.0	143,388	19.1
BBB	—	—	72,077	22.1	—	—	72,077	9.6
BIG (2)	—	—	30,127	9.2	—	—	30,127	4.0
Total net exposure	<u>\$ 390,765</u>	<u>100.0%</u>	<u>\$ 326,165</u>	<u>100.0%</u>	<u>\$ 35,591</u>	<u>100.0%</u>	<u>\$ 752,521</u>	<u>100.0%</u>

- (1) Exposure for Triple-X and Mortgage is shown net of any reinsurance ceded to third parties. For financial guaranty contracts, exposure is the par outstanding of the insured obligation net of any reinsurance ceded to third parties.
- (2) BIG exposure relates to six risks, which are primarily structured finance commercial receivables.
- (3) The mortgage guaranty reinsurance exposure expired in the third quarter of 2017.

For exposure by geographic distribution, see *Section i.f. Insurance Business Written by Business Segment and by Geographical Region, Exposure*.

## Risk Mitigation

### Exposure to Reinsurers (1)

	As of December 31, 2017		As of December 31, 2016	
	Affiliated Reinsurers	Non-Affiliated Reinsurers	Affiliated Reinsurers	Non-Affiliated Reinsurers
	(in thousands)			
Financial guaranty ceded par outstanding	—	376,000	—	—
Non-financial guaranty ceded exposure	—	159,428	—	—

(1) There was no collateral posted by third party reinsurers as of December 31, 2017 and December 31, 2016. All ceded amounts are rated IG as of December 31, 2017.

## Risk Sensitivity

Underwriting risk exposure is tested for risk concentration to a specific region as well as identification of stress events that can lead to material losses across the portfolio. Examples of these concentrations are:

- Mortality risk
- Chicago
- Utilities
- Aircraft

The Company runs stress tests for each of the concentrations noted above. Based on the latest stress testing results, management of the Company believes that it has sufficient capital to comply with its contractual obligations and regulatory requirements and remain within its risk tolerance.

### b. Market Risk

The potential for market risk resides mainly in the Company's investment portfolio. As of December 31, 2017 and December 31, 2016, the Company's investment portfolio had a market value of \$327.6 million and \$295.5 million, respectively. Specific investment guidelines are agreed with the Company's outside investment manager and approved by the Company's Board, consistent with the 'prudent person principle' set out in Solvency Regulations, and setting forth credit rating standards, single risk and asset category limits and duration guidelines.

Currently, no purchase is permitted in a security rated lower than "A-"/"A3"/"A-", or in the case of corporate securities rated lower than "BBB"/"Baa2"/"BBB" by S&P, Moody's or Fitch, respectively. All securities purchased by external managers must be rated by one of Rating Agencies.

### Currency Risk

The Company has a minimal amount of currency risk as nearly all of its assets and liabilities are denominated in USD.

### Measurement

The Company measures the results of its investment portfolio by its compliance with investment guidelines, and by the portfolio performance, particularly book yield.

### Risk Concentration

As of December 31, 2017 and December 31, 2016, the Company's investment portfolio had an average credit quality rating of "AA-" and "AA-", respectively. There were no material changes to the composition of the investment portfolio during the reporting period. Issuer constraints as well as sector limitations are also followed in managing the investment portfolio. The table below sets forth the sector concentrations across the portfolio as of December 31, 2017.

**Composition of Investment Portfolio by Security Type  
As of December 31, 2017**

Security Type	As of December 31, 2017	As of December 31, 2016
Fixed-maturity:		
Obligations of state and political subdivisions	43.5%	41.0%
Corporate securities	33.4	27.8
RMBS	10.2	12.8
CMBS	5.8	6.7
U.S. government and agencies	3.6	6.2
Asset-backed securities	2.2	2.4
Total fixed-maturity	98.7	96.9
Short-term	1.3	3.1
Total	100.0%	100.0%

### **Risk Mitigation**

In the event of any downgrade of any investment below the Company's requirements, the portfolio manager must contact the Company's management to discuss the course of action and may hold the position only if approved by the Company's President and the Board, with oversight by the Group.

### **Risk Sensitivity**

The main risk in the Company's investment portfolio is interest rate risk on its fixed rate investments. Annually, as part of its CISSA, the Company stress tests the sensitivity of the investment portfolio to interest rate movements. Based on the latest stress testing results, management of the Company believes that it has sufficient resources to comply with its contractual obligations and regulatory requirements and remain within its risk tolerance.

### **c. Credit Risk**

The Company's most significant credit risks were discussed in *Section iii.a Underwriting Risk*. The only other counterparty credit risk the Company has relates to an intra-Group loan, a small reinsurance recoverable and cash that the Company holds in its investment portfolio.

The Company's reinsurance recoverables, loan receivable, and premiums receivable are tested to assess the impact on the Company of a counterparty's ability to make payments in accordance with the contractual terms. Based on the latest stress testing results, management of the Company believes that it has sufficient resources to comply with its contractual obligations and regulatory requirements and remain within its risk tolerance.

### **d. Liquidity Risk**

The Company manages its liquidity risk by maintaining a liquid, high quality investment portfolio, with a duration that is shorter than the duration of its insurance liabilities. Additionally, for its financial guaranty contracts, the Company is only required to pay principal and interest claims as they come due according to the original bond payment schedule, and the payments cannot be accelerated without the Company's consent. For more information on 'prudent person principle' see *Section iii.b Market Risk*.

### **Measurement**

The Company measures duration relative to its investment guideline range, discussed above, which is set in accordance with the Company's investment guidelines. As of December 31, 2017 the portfolio had a duration of 5.8 years. For more information see *Section i.g Performance of Investments & Material Income & Expenses for the Reporting Period*.

## **Risk Sensitivity**

Annually, as part of its CISSA, the Company performs liquidity stress testing to ensure that it has sufficient liquid assets over the next 12 month period to cover all of its liabilities that could arise in a stress scenario. When the Company performs the stress test, it considers only U.S. Government bonds, pre-refunded bonds, agency bonds and cash to be liquid assets. Based on the latest stress testing results, management of the Company believes that it has sufficient liquidity to comply with its contractual obligations and regulatory requirements and remain within its risk tolerance.

### **e. Operational Risk**

The Company faces a variety of operational risks including those related to IT, accounting, legal and regulatory matters, as well as risks related to performance by affiliated companies pursuant to a services agreement and third party service providers. Operational risks are limited by the Company's risk management policies, such as the policies governing the underwriting approval process, compliance, business continuity planning, and employee conduct. Additional mitigants to operational risk include that its service agreements are with stable affiliated companies, and the system of internal controls in place, which are described in *Section ii.d Internal Control System*.

With regard to legal risk, another aspect of operational risk, as of December 31, 2017, the Company was not a party in any litigation or subject to any regulatory investigation.

### **f. Any Other Material Information**

None.

#### **iv. SOLVENCY VALUATION**

##### **a. Valuation Bases, Assumptions and Methods to Derive the Value of Each Asset Class**

The Company has used the valuation principles outlined by the BMA's "Guidance Note for Statutory Reporting Regime" for the reporting period's statutory filing. The economic valuation principles outlined in this document are to measure assets and liabilities on a fair value basis.

The Company carries all of its investment portfolio at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., exit price). The price represents the price available in the principal market for the asset or liability. If there is no principal market, then the price is based on a hypothetical market that maximizes the value received for an asset or minimizes the amount paid for a liability (i.e., the most advantageous market).

Fair value is based on quoted market prices, where available. If listed prices or quotes are not available, fair value is based on either internally developed models that primarily use, as inputs, market-based or independently sourced market parameters, including but not limited to yield curves, interest rates and debt prices or with the assistance of an independent third-party using a discounted cash flow approach and the third party's proprietary pricing models. In addition to market information, models also incorporate transaction details, such as maturity of the instrument and contractual features designed to reduce the Company's credit exposure, such as collateral rights as applicable.

Valuation adjustments may be made to ensure that financial instruments are recorded at fair value. These adjustments include amounts to reflect counterparty credit quality, and constraints on liquidity. As markets and products develop and the pricing for certain products becomes more or less transparent, the Company may refine its methodologies and assumptions. During 2017 and 2016, no changes were made to the Company's valuation models that had or are expected to have, a material impact on the Company's consolidated balance sheets or statements of operations and comprehensive income.

The Company's methods for calculating fair value produce a fair value that may not be indicative of net realizable value or reflective of future fair values. The use of different methodologies or assumptions to determine fair value of certain financial instruments could result in a different estimate of fair value at the reporting date.

The categorization within the fair value hierarchy is determined based on whether the inputs to valuation techniques used to measure fair value are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect Company estimates of market assumptions. The fair value hierarchy prioritizes model inputs into three broad levels as follows, with Level 1 being the highest and Level 3 the lowest. An asset or liability's categorization is based on the lowest level of significant input to its valuation.

Level 1—Quoted prices for identical instruments in active markets. The Company generally defines an active market as a market in which trading occurs at significant volumes. Active markets generally are more liquid and have a lower bid-ask spread than an inactive market.

Level 2—Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and observable inputs other than quoted prices, such as interest rates or yield curves and other inputs derived from or corroborated by observable market inputs.

Level 3—Model derived valuations in which one or more significant inputs or significant value drivers are unobservable. Financial instruments are considered Level 3 when their values are determined using pricing models, discounted cash flow methodologies or similar techniques and at least one significant model assumption or input is unobservable. Level 3 financial instruments also include those for which the determination of fair value requires significant management judgment or estimation.

Transfers between Levels 1, 2 and 3 are recognized at the end of the period when the transfer occurs. The Company reviews the classification between Levels 1, 2 and 3 to determine whether a transfer is necessary. During the periods presented, there were no transfers between Level 1 and Level 2. There were no transfers between Level 2 and Level 3 during 2017. During 2016, there were no transfers between Level 1 and Level 2. There were transfers of fixed-maturity securities from Level 2 into Level 3 during 2016 because of a lack of observability relating to the valuation inputs and collateral pricing.



## Measured and Carried at Fair Value

### *Fixed-Maturity Securities and Short-Term Investments*

The fair value of bonds in the investment portfolio is generally based on prices received from third party pricing services or alternative pricing sources with reasonable levels of price transparency. The pricing services prepare estimates of fair value measurements using their pricing models, which include available relevant market information, benchmark curves, benchmarking of like securities, and sector groupings. Additional valuation factors that can be taken into account are nominal spreads and liquidity adjustments. The pricing services evaluate each asset class based on relevant market and credit information, perceived market movements, and sector news. The market inputs used in the pricing evaluation include: benchmark yields, reported trades, broker/dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers, reference data and industry and economic events. Benchmark yields have in many cases taken priority over reported trades for securities that trade less frequently or those that are distressed trades, and therefore may not be indicative of the market. The extent of the use of each input is dependent on the asset class and the market conditions. Given the asset class, the priority of the use of inputs may change or some market inputs may not be relevant. Additionally, the valuation of fixed-maturity investments is more subjective when markets are less liquid due to the lack of market based inputs, which may increase the potential that the estimated fair value of an investment is not reflective of the price at which an actual transaction would occur.

Short-term investments that are traded in active markets are classified within Level 1 in the fair value hierarchy and their value is based on quoted market prices. Securities such as discount notes are classified within Level 2 because these securities are typically not actively traded due to their approaching maturity and, as such, their cost approximates fair value.

Annually, the Company reviews each pricing service's procedures, controls and models used in the valuations of the Company's investment portfolio, as well as the competency of the pricing service's key personnel. In addition, on a quarterly basis, the Company holds a meeting of the internal valuation committee (comprised of individuals within the Company with market, valuation, accounting, and/or finance experience) that reviews and approves prices and assumptions used by the pricing services.

For Level 1 and 2 securities, the Company reviews internally developed analytic packages that highlight, at a CUSIP level, price changes from the previous quarter to the current quarter. Where unexpected price movements are noted for a specific CUSIP, the Company formally challenges the price provided, and reviews all key inputs utilized in the third party's pricing model, and compares such information to management's own market information.

For Level 3 securities, the Company:

- reviews methodologies, any model updates and inputs and compares such information to management's own market information and, where applicable, the internal models,
- reviews internally developed analytic packages that highlight, at a CUSIP level, price changes from the previous quarter to the current quarter, and evaluates, documents, and resolves any significant pricing differences with the assistance of the third party pricing source, and
- compares prices received from different third party pricing sources, and evaluates, documents the rationale for, and resolves any significant pricing differences.

As of December 31, 2017, the Company used models to price eight securities, which was 3.9% or \$12.9 million of the Company's fixed-maturity securities and short-term investments at fair value. As of December 31, 2017, all Level 3 securities were priced with the assistance of an independent third-party. As of December 31, 2016, the Company used models to price eight fixed-maturity securities, which were 4.3% or \$12.8 million of the Company's fixed-maturity securities and short-term investments at fair value. As of December 31, 2016, most Level 3 securities were priced with the assistance of an independent third-party. The pricing is based on a discounted cash flow approach using the third-party's proprietary pricing models. The models use inputs such as projected prepayment speeds; severity assumptions; recovery lag assumptions; estimated default rates (determined on the basis of an analysis of collateral attributes, historical collateral performance, borrower profiles and other features relevant to the evaluation of collateral credit quality); home price appreciation/depreciation rates based on macroeconomic forecasts and recent trading activity. The yield used to discount the projected cash flows is determined by reviewing various attributes of the bond including collateral type, weighted average life, sensitivity to losses, vintage, and convexity, in conjunction with market data on comparable securities. Significant changes to any of these inputs could materially change the expected timing of cash flows within these securities which is a significant factor in determining the fair value of the securities.

## Other Assets

- Advances to Affiliates - are recorded at fair value and balances receivable in more than one year have been discounted at the relevant risk free rate.
- Investment income due and accrued - is recorded at fair value.
- Premiums and reinsurance balances receivable - are current balances due and are recorded at fair value.
- Funds Held by Ceding Reinsurers- these amounts are recorded fair value and reflect actual amounts due to the Company.

## b. Valuation Bases, Assumptions and Methods to Derive the Value of Technical Provisions

### Technical Provisions under Economic Balance Sheet versus Financial Statements

#### Technical Provisions As of December 31, 2017

	Financial Statement Balance Sheet	Economic Balance Sheet
	(in thousands)	
Best Estimate	\$ —	\$ (29,890)
Risk margin	—	329
Gross unearned premium reserve	31,555	—
Gross loss and loss expense provisions	224	—
Total	<u>\$ 31,779</u>	<u>\$ (29,561)</u>

As of December 31, 2017, the Best Estimate Technical Provisions for this line of business were negative \$29.9 million (i.e. an asset) and the risk margin was \$0.3 million resulting in a total gross technical provision of negative \$29.6 million. The gross and net best estimate technical provisions values are the present value of future cash outflows less the present value of future cash inflows. The present value of cash outflows includes the expected lifetime loss calculated using the Company's internally developed individual capital adequacy model plus an Expense Load. The present value of the cash inflows includes all future premiums expected to be received by the Company after consideration of potential non-payment on premiums due to future defaults of guaranteed transactions.

Expected lifetime losses under the Economic Balance Sheet are calculated using the Company's ECM which uses its judgments for cumulative probability of default, loss given default and correlation to calculate the expected cash outflows that the Company will be required to pay over the lifetime of the Company's insured exposures for both its net retained and its reinsured exposures. The Company considers both external and internal sources of data when setting its assumptions for probability of default, loss given default and correlation, including any relevant experience by members of the Group. The boundary of each insurance contract is assumed to be the period of time during which the principal on the debt underlying the financial guarantee contract is greater than \$0. The Company uses its judgment to assess future inflation rates for guarantees that are linked to an inflation index.

For purposes of the Best Estimate Technical Provisions calculation, the Expense Load was projected based on the Company's current operating costs and allocating these future expenses between existing contracts, which are included in the Best Estimate Technical Provisions, and future contracts, which are not included. The percentage used as the Reduction due to prospective defaults was developed by applying the Company's judgment for default rates to the insured portfolio.

The risk margin was calculated as the present value of the Company's future cost of capital in all future years as the Company's insured exposure runs off. The risk margin captures the carrying cost of capital that a third party would be required to hold if the Company were to transfer its technical provisions to a third party.

For purposes of the risk margin calculation, the BMA specified the risk free rates for USD as of December 31, 2017 that were to be used for discounting. The ECR was calculated for each future year until maturity of the Company's final policy and the cost of capital percentage was assumed to be equal to 6%, as mandated by the BMA. The ECR is projected to decline over time based on projections of the individual Basic Solvency Capital Requirement components.

While the Company believes that the assumptions and methods used to develop the Technical Provisions are reasonable and consistent and that they provide for a calculation of future expectations in an appropriate manner, it remains possible that future experience in future premiums, projected operating expenses, default probabilities, severities, and correlations may not be in line with expectations. Since the Company guarantees against low probability events that have large nominal exposures despite the expectation that the severity of any loss would be low, the uncertainty within the Company's projected losses used in the calculation of the Technical Provisions is high. The level of uncertainty in respect of future premiums, and projected operating expenses is expected to be low.

The Company also believes that the assumptions and methods used to develop the risk margin value are reasonable and consistent and that they provide for a calculation of the appropriate economic capital cushion required by the BMA.

The Best Estimate Technical Provisions must include the Company's expected future cash inflows and outflows, excluding investment income.

The following is a listing of the material differences between Technical Provisions under Solvency Regulations (Solvency) and under U.S. GAAP:

- Under Solvency, premiums that are due to be received after the balance sheet date are included in the calculation of Technical Provisions and include amounts receivable from both financial guaranty and specialty insurance contracts and exclude an amount that may not be received due to potential defaults on underlying transactions. The amount is discounted at the BMA specified risk free rate. Under U.S. GAAP, premiums that are due to be received after the balance sheet date only includes amounts receivable from financial guaranty contracts and are included in the premiums receivable. The amount is discounted at the risk-free rate at inception and such discount rate is updated only when changes to prepayment assumptions are made that change the expected date of final maturity. In addition, there is no provision for amounts that may not be received unless such amounts are deemed uncollectible.
- Under Solvency, projected losses are included in the calculation of Technical Provisions and are calculated on both financial guaranty and specialty insurance contracts and a loss value is ascribed to every exposure. The resulting amount is discounted at the BMA specified risk free rate. Under U.S. GAAP, a loss reserve is recorded on financial guaranty or specialty insurance contracts, as applicable, that have exhibited adverse development or that have a heightened loss potential due to their BIG rating and, for financial guaranty contracts, only to the extent that the loss reserve amount exceeds the unearned premium reserve on a contract by contract basis. The loss reserve amount is discounted at the risk free rates, and
- Under Solvency, an amount is included for the Projected Expense Load. Under U.S. GAAP, a loss adjustment expense amount, if applicable, is included for financial guaranty or specialty insurance contracts, as applicable, but the loss adjustment expense amount does not include a projected expense load covering the Company's other expenses.
- Under Solvency, unearned premium reserve is not included in the Technical Provisions. Under U.S. GAAP, unearned premium reserve is primarily recorded on financial guaranty contracts.

### **c. Description of Recoverables from Reinsurance Contracts**

#### **Recoverables From Reinsurance and Special Purpose Vehicles**

The Company cedes some of its exposure to non-affiliated reinsurers. In calculating the Technical Provisions and risk margin net of this reinsurance, the Company assumes that the reinsurer is contractually obligated to pay and will likewise be entitled to receive its share of any recoveries. Under Solvency, the Company's reinsurance recoverable for this transaction is the contractually obligated payments, less an amount which represents the reinsurer's share of its loss in excess of the amount of collateral available that it is unable to make. This amount is calculated based on the projected ceded expected losses to the reinsurer, the assumed cumulative default rate of the reinsurer and the amount of collateral posted by the reinsurer. Under U.S. GAAP, the Company does not include a provision for reinsurance counterparty default unless the reinsurance recoverable is deemed uncollectible.

There are no special purpose vehicle recoverables included in any of the calculations of Technical Provisions or risk margin.

**d. Valuation Bases, Assumptions and Methods to Derive the Value of Other Liabilities**

Similar to the valuation principles for assets, the Company's other liabilities follow the valuations principles outlined by the BMA's "Guidance Note for Statutory Reporting Regime", which values other liabilities at a fair value basis.

**e. Any Other Material Information**

None.

## **v. CAPITAL MANAGEMENT**

### **a. Eligible Capital**

#### **i. Capital Management Policy and Process for Capital Needs, How Capital is Managed and Material Changes During the Reporting Period**

The primary capital management objectives of the Company are to maintain a strong capital base to support the development of its business and to meet regulatory and rating agency capital requirements at all times. The Company recognizes the impact on shareholder returns of the level of equity capital employed and seeks to maintain a prudent balance. It strives for an appropriate capital structure that efficiently allocates the risk to the capital. The Company's capital and risk management strategy is unchanged over the prior year.

To maintain a strong capital base, the Company identifies, assesses, manages and monitors the various risk sources it faces in the course of business both currently and as anticipated over the life its insured obligations. This process culminates in an assessment of the capital necessary to maintain solvency at the threshold targeted by senior management given the Company's risk profile. The Company's risk profile includes an assessment of the current and anticipated future material risks faced by the Company, the strength of the organization's enterprise risk management, capital measures derived from proprietary and vendor models, qualitative risks, stress testing and liquidity. Surplus capital may be paid out in dividends, subject to statutory limitations as defined by the Insurance Act.

The Company has a low tolerance for liquidity risk and manages to that level of risk by maintaining a liquid high quality investment portfolio with a duration that is shorter than the duration of its insurance liabilities. Given the Company's low tolerance for liquidity risk and the contingent and generally long-tail nature of its insurance exposures, the Company is willing to assume a modest amount of market risk as part of its strategy of minimizing liquidity risk. Specific investment guidelines are provided to the Company's outside investment manager, setting forth single risk and asset category limits, duration guidelines and rating standards. The outside investment manager may not purchase securities rated lower than "A-"/"A3"/"A-", or in the case of corporate securities rated lower than "BBB"/"Baa2"/"BBB" by S&P, Moody's or Fitch, respectively. Deviation from these investment guidelines may arise on an exception basis where the Company is managing its exposure to impaired insured transactions. Investment guidelines are discussed in more detail in *Section iii.b Market Risk*.

With regard to managing liabilities, the Company's Risk Appetite Statement dictates that risks accepted are estimated at inception to have low potential loss severity. Therefore, the Company aims to avoid risks that have or are projected to have a high severity in the event of a default.

#### **ii. Eligible Capital Categorized by Tiers in Accordance to the Eligible Capital Rules**

As of December 31, 2017 and 2016, all of the Company's eligible capital was categorized as Tier 1:

	<b>Eligible Capital</b>	
	<b>2017</b>	<b>2016</b>
	<b>(in thousands)</b>	
Tier 1 Capital	<u>\$ 374,293</u>	<u>\$ 362,277</u>

The tier 1 capital consists of capital stock, contributed surplus and statutory surplus. The increase in tier 1 capital in 2017 compared to prior year is due to the increase in investments from upfront premiums received on new transactions and unrealized gains.

### iii. Eligible Capital Categorized by Tiers in Accordance to the Eligible Capital Rules Used to Meet ECR and MSM Requirements of the Insurance Act

As of December 31, 2017 and 2016, the Company's Eligible Capital used to meet its MSM and ECR was categorized as follows:

	Eligible Capital			
	2017		2016	
	Applied to MSM	Applied to ECR	Applied to MSM	Applied to ECR
	(in thousands)			
Tier 1 Capital	\$ 374,293	\$ 374,293	\$ 362,277	\$ 362,277

### iv. Confirmation of Eligible Capital That is Subject to Transitional Arrangements

None of the eligible capital is subject to transitional arrangements.

### v. Identification of Any Factors Affecting Encumbrances on the Availability and Transferability of Capital to Meet the ECR

The Company has entered into contracts with cedants that require the Company to fully collateralize estimates of its obligations calculated by the cedants. Assets are held in trust accounts for the benefit of the cedant. These assets are released to the company on payment of the obligations.

### vi. Identification of Ancillary Capital Instruments Approved by the Authority

The Company has no ancillary capital instruments

### vii. Identification of Differences in Shareholder's Equity as Stated in the Financial Statements Versus the Available Capital and Surplus

The differences in shareholder's equity, as stated in the GAAP financial statements versus the available statutory capital and surplus relate to the impact of employing Solvency Regulation based technical provision valuation techniques as well as the reduction in available Solvency Regulation capital for non-admitted assets.

## b. Regulatory Capital Requirements

### i. ECR and MSM Requirements at the End of the Reporting Period

The following table presents the Company's MSM and ECR amounts.

	MSM and ECR Amounts			
	As of December 31, 2017		As of December 31, 2016	
	Class 3A	Class C	Class 3A	Class C
	(in thousands)			
MSM	\$ 6,524	\$ 500	\$ 2,456	\$ 500
ECR	26,096	500	9,824	500

The increase in the Class 3A ECR in 2017 compared to the prior year is due to the increase in the interest rate and liquidity risks. The mismatch between the average duration on the assets and the liabilities increased significantly due to new business insured during 2017.

**ii. Identification of Any Non-Compliance with the MSM and the ECR**

The company was compliant with the MSM and ECR requirement as of December 31, 2017 and 2016.

**iii. A Description of the Amount and Circumstances Surrounding the Non-Compliance, the Remedial Measures and Their Effectiveness**

Not Applicable.

**iv. Where the Non-Compliance is not Resolved, a Description of the Amount of the Non-Compliance at the end of the reporting period**

Not Applicable.

**c. Approved Internal Capital Model**

The Company does not use an internal model to calculate its ECR. For more information see *Section v.b Regulatory Capital Requirements*.

**vi. SUBSEQUENT EVENTS**

**a. Description of Significant Events**

There are no significant events either in the reporting period, or that have occurred between the end of the reporting period and the date of signing the return, other than as indicated in *Section i.h Any Other Material Information*.

**b. Approximate date(s) or proposed timings of the significant event**

Not applicable.

**c. Confirmation of how the significant event has impacted or will impact any information provided in the most recent financial condition report filed with the Authority**

Not applicable.

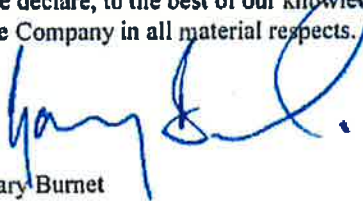
**d. Any other material information**

Not applicable.



## DECLARATION

We declare, to the best of our knowledge and belief, that the financial condition report fairly presents the financial condition of the Company in all material respects.



Gary Burnet  
President

Assured Guaranty Re Overseas Ltd.



Darrin Futter  
Financial Controller

Assured Guaranty Re Overseas Ltd.