

# Endurance Worldwide Insurance Limited

# Solvency and Financial Condition Report

For the year ended 31 December 2017

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# **Summary**

# **Solvency II introduction**

The new prudential regulatory framework, known as Solvency II, came into force on 1 January 2016. Solvency II, represents a fundamental modernisation of European insurance regulation. The main purpose of Solvency II is to enhance the level of policyholder protection across Europe. The new regime also aims to harmonise the regulatory framework and is intended to improve the resilience of the insurance sector to shocks and so reduce the probability of insurers failing.

Solvency II requires firms to identify, quantify and manage their risks on a forward-looking basis, while providing greater transparency to markets and supervisors through the provision of higher quality and more consistent information.

The Solvency and Financial Condition Report ("SFCR") is an element of the improved disclosure and reporting introduced under Solvency II, intended to strengthen market discipline.

# **Basis of preparation**

The SFCR has been prepared in compliance with Commission delegated regulation (EU) 2015/35 ("the Delegated Regulation"), being the applicable European Union regulation, using the structure set out in annex XX of that document, and in accordance with the Guidelines on reporting and public disclosure (BoS-15/109) as issued by the European Insurance and Occupational Pensions Authority ("EIOPA").

Quantitative information is prepared in Sterling, which is the presentational and functional currency of the Company, and rounded to the nearest £000.

# **Business and performance**

On 28 March 2017, Sompo Holdings, Inc., a holding company headquartered in Japan and publicly traded on the Tokyo Stock Exchange ("Sompo Holdings"), completed its acquisition of 100% of the outstanding ordinary shares of Endurance Specialty Holdings Limited ("ESHL"), which at that time was the Company's ultimate holding Company. An updated Group structure chart is presented in Section A.

Amounts in GBP'000 unless stated	31 Dec 2017	31 Dec 2016	Movement
Gross written premium	269,543	243,148	26,395
Underwriting result	(2,112)	(5,734)*	3,622
Underwriting ratio	103.7%	110.7%*	(7.0%)

<sup>\*2016</sup> result has been restated to reflect the correct financial year impact of a recalculated Intra Group Stop-Loss contract.

The Company has a diversified product offering across multiple lines of business. The most material lines include general liability and fire and other damage to property representing 49% of total gross written premium. The Company operates on a global basis; the most material geographical areas using the Solvency II criteria for classification to country include United Kingdom and United States of America representing 63% of total gross written premium.

The Company's success is dependent on the proper selection, pricing and ongoing management of the risks it accepts. In 2017 the Company continued building a specialty insurance business by attracting high quality underwriting talent and concentrating its efforts on achieving targeted growth in its insurance portfolio whilst maintaining a relatively stable portfolio of risks from its reinsurance operations. During 2017, the Company continued to invest in its operations through expanded insurance underwriting talent.

As a result of this strategy, gross written premium for the year has exceeded 2016 by 10.9%, increasing to £269.5M in 2017. The majority of growth has been experienced in the Credit and Suretyship line of business, which is being driven by the continued growth of Political Risk Insurance underwriting team established in 2016 and assumed Trade Credit and Surety book written in Zurich. In addition, new Aircraft Non Payment Insurance ("ANPI") written within Political Risk added to the growth.

Net earned premiums have increased by a more moderate 7.4% from £53.6M in 2016 to £57.6M in 2017 as the Company continues to mitigate insurance risk via reinsurance arrangements, both internal and external, through a combination of facultative, excess of loss and quota share covers.

The Company recorded an overall underwriting loss (being technical result before administrative expenses) of £2.1M, an improvement of £3.6M from the loss of £5.7M prior year. The Company's underwriting ratio (calculated as net claims incurred plus net acquisition costs plus change in net deferred acquisition costs, as a percentage of net earned premium) decreased by 7%.

Further detail on the performance of the Company, including technical performance by Solvency II line of business and region and the investment performance, is reported in section A.



# System of governance

The Board of directors is the governing body of the Company. The Board is responsible for the strategic oversight of the Company and, inter alia, for the establishment and maintenance of a governance environment. The Board is supported by four oversight committees; the Audit Committee, the Risk & Compliance Committee, The Remuneration Committee and Nomination Committee.

The following four Key Functions have been identified as those that amount to effectively running the firm:

- An Actuarial Function, which is responsible, inter alia, for the calculation of technical provisions, the appropriateness of the methodologies and assumptions used in the calculation of technical provisions, for the assessment of the data used in the calculation of technical provisions, for expressing various opinions as required by the Solvency II Directive, and for contributing to the effective implementation and operation of the Company's system of risk management. The Actuarial Function reports to the Audit Committee and the Board of the Company on a regular basis.
- An Internal Audit Function, which is responsible, inter alia, for the evaluation of the adequacy and effectiveness of the Company's internal control system. The Internal Audit Function reports to the Audit Committee and the Board of the Company on a regular basis.
- A Compliance Function, which is responsible, inter alia, for advising the Board of the Company on compliance with all relevant regulations and legislation to which the Company is subject; as well as for assessing and advising on the impact of any changes in such provisions on the operations of the Company, and for the identification and assessment of compliance and regulatory risk. The Compliance Function reports to the Risk & Compliance Committee and the Board of the Company on a regular basis.
- A Risk Management Function, which is responsible, inter alia, for the implementation of the Company's
  system of risk management, as well as designing and developing the Company's risk register. The Risk
  Management Function reports to the Risk & Compliance Committee and the Board of the Company on a
  regular basis.

No material changes to the system of governance took place over the course of the reporting period. Further detail on the system of governance of the Company, including the risk management system and Own Risk and Solvency Assessment ("ORSA"), is reported in section B.



## Risk profile

The Company is exposed to a range of risks that arise out of its underwriting and investment activities as well as its general operations. As determined by the Standard Formula, market risk is the most material risk to the Company, with currency risk (being the risk resulting from currency exchange rate fluctuations) identified as the predominant market risk. Pricing, accumulation and reserving risk have been identified as the main risks assumed through underwriting activity.

There has been no material change to the risk profile of the Company during the reporting period. Further detail on the current risk profile of the Company, and related risk management techniques, is reported in section C.

#### Valuation for solvency purposes

Solvency II introduces a new basis of preparation for an insurance company's balance sheet which is based on the principle of market-consistent valuations. Essentially, this means that the value of assets and liabilities reflect the current value at which they could be traded in financial markets, rather than their UK GAAP accounting value.

Different approaches are required to determine market-consistent values of an insurance company's assets and liabilities. Some investment assets are traded in sufficiently deep and liquid markets that provide readily available prices, which are generally taken to be market values. Assets not actively traded are fair valued using a Solvency II compliant model.

No such market generally exists for insurance liabilities, which are specific to the contract between the firm and the policyholder. Solvency II's interpretation of the market value of insurance liabilities requires insurers to forecast expected future liability cash flows and then discount them using risk-free interest rates of an appropriate maturity, to arrive at a 'best estimate'. A 'risk margin' is added to this best estimate in order to produce a market-consistent value.

The transitional arrangements related to risk-free interest rate-term structure and deductions referred to in Article 308c of Directive 2009/138/EC are not applied in the calculation of technical provisions.

Further detail on Solvency II valuation methods is reported in section D.



# **Capital management**

The Company applies the Standard Formula, a standardised calculation method prescribed in the Delegated Regulation, to calculate its Solvency Capital Requirement ("SCR"), which is a quantity of capital that is intended to provide protection against unexpected losses over the following year up to a 99.5% confidence level. The Standard Formula follows a modular approach where the overall risk which the Company is exposed to is divided into risk modules, and for each module a capital requirement is determined.

The Company has complied continuously with both the Minimum Capital Requirement ("MCR") and SCR throughout the reporting period.

Amounts in GBP'000 unless stated	31 Dec 2017	31 Dec 2016	Movement
Eligible own funds to meet SCR	359,315	415,637	(56,322)
Eligible own funds to meet MCR	354,178	414,298	(60,120)
Solvency Capital Requirement	132,730	148,076	(15,346)
Minimum Capital Requirement	33,183	37,019	(3,836)
Ratio of own funds to SCR	270.7%	280.7%	(3.6%)
Ratio of own funds to MCR	1,067.3%	1,119.2%	(4.6%)

Eligible own funds and the SCR have decreased during the period by 13.6% and 10.4% respectively, resulting in a small impact to the Solvency ratio. The primary driver of the decrease in the SCR was a reduction in the USD net asset position.

Own funds classified by tiers are as follows:

Amounts in GBP'000	31 Dec 2017	31 Dec 2016	Movement
Tier 1	354,178	414,298	(60,120)
Tier 2	-	-	-
Tier 3	5,137	1,339	3,798
	359,315	415,637	(56,322)



Tier 1 own funds consists of ordinary share capital and share premium account relating to ordinary share capital of £216.0M and £162.0M respectively (2016: £216.0M and £162.0M), and a reconciliation reserve of £(23.8M) (2016: £36.3M). These basic own fund items are immediately available to absorb losses and have no duration restrictions. The reconciliation reserve consists of excess of assets over liabilities, after the deduction of basic own funds items.

Tier 3 own funds consists of an amount equal to the value of net deferred tax assets.

All Tier 1 own funds are eligible to cover the Minimum Capital Requirement and all own funds are eligible to cover the Solvency Capital Requirement.

Further detail on capital management is reported in section E.



A. Business and Performance

A.1 Business

Endurance Worldwide Insurance Limited ("the Company") is a limited liability company incorporated in

England.

The Company is fully owned by its immediate parent company, Endurance Worldwide Holdings Limited

("EWHL") incorporated in London, England. As at 31 December 2016, Endurance Specialty Holdings Limited

("ESHL"), incorporated in Hamilton, Bermuda, was the parent company for the Endurance group of companies

("the Group") and publicly traded on the New York Stock Exchange under the symbol ENH.

On 28 March 2017, Sompo Holdings, Inc., a holding company headquartered in Japan and publicly traded on the

Tokyo Stock Exchange ("Sompo Holdings"), completed its acquisition of 100% of the outstanding ordinary shares

of ESHL ("the Merger"). As a result of the Merger, ESHL was merged with and into a wholly-owned subsidiary of

Sompo Holdings and Sompo Holdings became the Company's ultimate parent undertaking.

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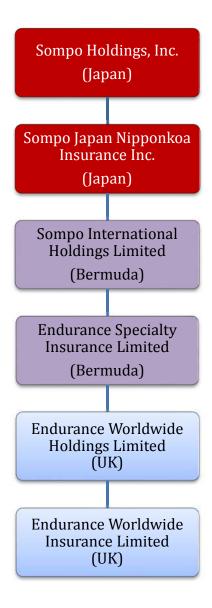
External auditor: Ernst & Young LLP

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#### A.1.1 Group structure

Sompo Holdings, Inc. operates worldwide and is publicly traded on the Tokyo Stock Exchange. The Company is a fully owned member of a sub-group which operates internationally, including the UK, Bermuda, the United States, Switzerland and Singapore. Figure A.1.1 below depicts an abridged structure chart for the relevant UK legal entities and their position within the wider Group.

Fig. A.1.1





# A.1.2 Material lines of business and material geographical areas

The Company has a diversified product offering, across multiple lines of business. The following table sets out the gross premiums written by material Solvency II line of business.

Amounts in GBP'000	31 Dec 2017	31 Dec 2016	Movement
Fire and other damage to property insurance	62,358	61,092	1,266
General liability insurance	68,397	67,254	1,143
Marine, aviation and transport insurance	43,161	36,843	6,318
Non-proportional reinsurance	40,229	51,658	(11,429)
Credit and suretyship	55,398	26,301	29,097
	269,543	243,148	26,395

The Company operates on a global basis; the following table sets out the gross premiums written by material geographical area using the Solvency II criteria for classification to country.

Amounts in GBP'000	31 Dec 2017	31 Dec 2016	Movement
United Kingdom	99,832	81,794	18,038
United States of America	70,801	61,811	8,990
France	11,276	17,689	(6,413)
Brazil	9,227	7,049	2178
Switzerland	8,315	5,183	3,132
Belgium	5,551	7,530	(1,979)
Mexico	5,719	5,104	615
Venezuela	3,151	5,439	(2,288)
Other	55,671	51,549	4,122
	269,543	243,148	26,395



#### **A.2 Underwriting Performance**

During 2017, the Company continued to invest in its operations through additions of acknowledged market leaders as well as expanded underwriting talent.

Reinsurance business is conducted mainly through Zurich branch ("EWIZ") which offers reinsurance contracts to clients in Switzerland and abroad, with a focus on European business and clients within specialty lines, including Marine, Trade Credit and Surety reinsurance, and Property Catastrophe reinsurance. Reinsurance business is also conducted in the London operation with a focus on General Liability.

The Company is continuing to build out its insurance operations, particularly within Professional Lines, Energy and Property lines of business and further develop its Aviation and Political & Financial Risks teams. The Company aims to grow net premiums written by continuing to attract and retain high quality underwriting talent in this segment in 2018 and beyond.

Gross written premium for the year has exceeded 2016 by 10.9%, increasing to £269.5M in 2017. The majority of growth has been experienced in the Credit and Suretyship line of business, which is being driven by the continued growth of the Political Risk Insurance underwriting team established in 2016 and assumed Trade Credit and Surety book written in Zurich. In addition, new Aircraft Non Payment Insurance ("ANPI") written within Political Risk added to the growth.

Net earned premiums have increased by a more moderate 7.4% as the Company continues to mitigate insurance risk via reinsurance arrangements, both internal and external, through a combination of facultative, excess of loss and quota share covers.

The Company recorded an overall underwriting loss (being technical result before administrative expenses) of £2.1M, an improvement of £3.6M from the loss of £5.7M in the prior year. The Company's underwriting ratio (calculated as net claims incurred plus net acquisition costs plus change in net deferred acquisition costs, as a percentage of net earned premium) decreased by 7%.

Note that 2016 result has been restated to reflect the correct financial year impact of a recalculated Intra Group Stop-Loss contract which resulted in a reduction of the change in the reinsurers' share of provision for claims by £9.9M for 2016.



Amounts in GBP'000		Direct and p		31 Dec 2017		
	Fire and other damage to property	General liability	Marine, aviation and transport	Other	Non- proportional reinsurance	Total
Gross earned premium	63,309	64,303	43,277	20,218	42,177	233,284
Reinsurers' share	(52,397)	(46,908)	(29,695)	(13,511)	(33,167)	(175,678)
Net earned premium	10,912	17,395	13,582	6,707	9,010	57,606
Gross claims incurred	85,867	38,185	19,222	11,263	34,458	188,995
Reinsurers' share	(69,458)	(23,620)	(4,530)	(8,141)	(29,206)	(134,955)
Net claims incurred*	16,409	14,565	14,692	3,122	5,252	54,040
Acq. expenses	913	651	2,221	2,190	(297)	5,678
Admin. expenses	5,598	6,045	4,176	1,971	3,829	21,619
Technical result	(12,008)	(3,866)	(7,507)	(576)	226	(23,731)

<sup>\*</sup>Claims management expenses are included within net claims incurred as per UK GAAP presentation.



Amounts in GBP'000		Direct and p		31 Dec 2016		
	Fire and other damage to property	General liability	Marine, aviation and transport	Other	Non- proportional reinsurance	Total
Gross earned premium	55,999	49,481	42,717	10,729	48,789	207,715
Reinsurers' share	(46,153)	(33,441)	(28,652)	(5,854)	(39,989)	(154,089)
Net earned premium	9,846	16,040	14,065	4,875	8,800	53,626
Gross claims incurred	36,900	28,938	40,584	5,933	18,449	130,804
Reinsurers' share	(24,809)	(18,373)	(27,091)	(2,545)	(10,321)	(83,139)
Net claims incurred*	12,091	10,565	13,493	3,388	8,128	47,665
Acq. expenses	2,969	2,086	4,887	1,958	(205)	11,695
Admin. expenses	4,739	3,678	4,651	1,103	4,172	18,343
Technical result**	(9,953)	(289)	(8,956)	(1,574)	(3,295)	(24,077)

<sup>\*</sup>Claims management expenses are included within net claims incurred as per UK GAAP presentation.

Claims costs increased at a rate greater than year on year premium growth. The gross loss ratio has increased 16% to 79% partially as a result of Harvey, Irma and Maria losses in Q3 this year impacting the Insurance Energy and Property classes, and Reinsurance Specialty. The gross acquisition ratio at 19% is marginally higher than prior year. The net acquisition ratio has reduced significantly from 22% in 2016 to 10% in 2017 following the benefit of ceding commissions growth against prior year.

General and administrative expenses increased by 17.9% year on year predominantly due to the growth in staff costs in line with the increase in the size of the business.



<sup>\*\* 2016</sup> result has been restated to reflect the correct financial year impact of a recalculated Intra Group Stop-Loss contract.

	w							31 Dec 2017
Amounts in GBP'000	United Kingdom	USA	France	Brasil	Switzerland	Mexico	Other	Total
Gross earned premium	81,101	65,297	7,863	5,327	6,917	4,902	61,877	233,284
Reinsurers' share	(58,960)	(50,655)	(6,324)	(3,201)	(4,270)	(3,684)	(48,584)	(175,678)
Net earned premium	22,141	14,642	1,539	2,126	2,647	1,218	13,293	57,606
Gross claims incurred	29,789	85,092	4,113	5,468	4,015	(9,909)	70,427	188,995
Reinsurers' share	(26,157)	(63,122)	(3,352)	(3,673)	(2,837)	14,258	(50,072)	(134,955)
Net claims incurred*	3,632	21,970	761	1,795	1,178	4,349	20,355	54,040
Operating expenses	9,645	10,595	240	1,383	1,346	(8)	4,096	27,297
Technical result	8,864	(17,923)	538	(1,052)	123	(3,123)	(11,158)	(23,731)

<sup>\*</sup>Claims management expenses are included within net claims incurred as per UK GAAP presentation.



	United							31 Dec 2016
Amounts in GBP'000	Kingdom	USA	France	Belgium	Brazil	Venezuela	Other	Total
Gross earned premium	62,880	56,840	16,405	4,774	3,612	4,386	58,818	207,715
Reinsurers' share	(43,301)	(43,025)	(12,938)	(4,684)	(1,793)	(3,725)	(44,623)	(154,089)
Net earned premium	19,579	13,815	3,467	90	1,819	661	14,195	53,626
Gross claims incurred	36,468	34,696	3,874	954	1,615	715	52,482	130,804
Reinsurers' share	(23,299)	(19,325)	(1,481)	(324)	(359)	(695)	(37,656)	(83,139)
Net claims incurred*	13,169	15,371	2,393	630	1,256	20	14,826	47,665
Operating expenses	4,263	4,865	(183)	(1,038)	675	1,085	20,371	30,038
Technical result**	2,147	(6,421)	1,257	498	(112)	(444)	(21,002)	(24,077)

<sup>\*</sup>Claims management expenses are included within net claims incurred as per UK GAAP presentation.

Gross earned premiums increased across the majority of regions. The largest increases were seen in the United Kingdom, as the Company benefits from the increased Group focus on the London market, and the United States.



<sup>\*\* 2016</sup> result has been restated to reflect the correct financial year impact of a recalculated Intra Group Stop-Loss contract.

# **A.3 Investment Performance**

Net Investment Income decreased by £38k versus the prior year. This is an immaterial change.

Amounts in GBP'000 unless stated	31 Dec 2017	31 Dec 2016	Movement
Interest income – cash and deposits	-	197	(197)
Interest income – collateralised securities	4,926	5,440	(514)
Interest income – corporate bonds	5,812	6,274	(462)
Interest income – government bonds	1,964	1,549	415
Amortisation	(2,651)	(3,445)	794
Investment expenses	(973)	(899)	(74)
Net investment income	9,078	9,116	(38)
Ending portfolio market value	453,408	504,840	(50,369)
Ending portfolio market yield	2.11%	2.02%	0.09%

Realised and unrealized investment gains and losses on a Solvency II basis, which include also foreign exchange gains and losses, have reduced significantly in the current year as follows:

Amounts in GBP'000	31 Dec 2017			31 Dec 2016
	Realised	Unrealised	Realised	Unrealised
Gains/(losses) - cash and deposits	47	-	-	-
Gains/(losses) – collateralised securities	(15,833)	1,615	4,497	18,339
Gains/(losses) - corporate bonds	(21,260)	7,614	9,418	21,253
Gains/(losses) - government bonds	(3,550)	(3,386)	4,400	4,605
	(40,596)	5,843	18,316	44,197



The 2017 realised and unrealised losses have predominantly arisen on the USD investment portfolio, driven by the weakening of USD.

The aggregate portfolio, comprising only fixed income investments, returned -4.12% (in GBP) in the year 2017, which was 0.8% higher than the composite benchmark (consisting of EUR, GBP and USD fixed income components). More than 70% of the portfolio is USD-denominated, and the USD depreciated versus GBP during the year.

There are no investment gains or losses recognised directly in equity.

#### A.3.1 Investments in securitisation

The Company held £138.7M of securitised assets as at the year end (31% of the total investment portfolio). Total return on securitisations for the year 2017 was -2.27% in GBP.

#### A.4 Performance of other activities

Following is a summary of unrealized and realized gains and losses of the Company under UK GAAP:

Amounts in GBP'000	31 Dec 2017	31 Dec 2016	Movement
Unrealised gains/(losses) on investments	1,015	(233)	1,248
Realised (losses)/gains on investments	(44)	2,278	(2,322)
Unrealised foreign exchange (losses)/gains	(31,209)	30,499	(61,708)
Realised foreign exchange gains	2,261	36,139	(33,878)

Unrealised foreign exchange gains have decreased by £62M year on year. The 2017 losses have predominantly arisen on the USD investment portfolio and cash balances, driven by the weakening USD (9.5% versus GBP at year-end compared to strengthening of 16.2% versus GBP at year-end 2016).



# A.4.1 Leasing arrangements

The Company is party to a 10 year operating lease entered into on 27 January 2015 for Land and buildings. The Company has the option to terminate the lease agreement from the break date which is the 5<sup>th</sup> anniversary of the Term Commencement Date.

The Company is not party to any material financial lease arrangements.

# A.5 Any other information

There is nothing further to report regarding the business and performance of the Company.



# **B. System of Governance**

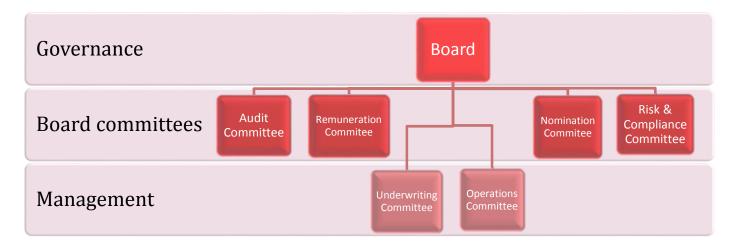
## B.1 General information on the system of governance

The Board of Directors, which consists of both executive and non-executive directors, is the Company's governing body and has ultimate responsibility for the sound and prudent management of the Company. The Board is required to perform this role with integrity, due care, and professional skill. In addition to having responsibility for strategic oversight, the Board is responsible, inter alia, for the establishment and maintenance of a governance environment which meets the requirements and obligations of the Company's regulators and the legal framework in which the Company operates.

The Board has documented terms of reference in place, which includes a list of matters reserved to the Board. In addition, the Board is supported by four Board Committees:

- An Audit Committee, which is chaired by and includes non-executive directors and is responsible, inter
  alia, for oversight and challenge of the financial and internal controls of the Company and the integrity of
  statutory reporting and financial statements.
- A Risk & Compliance Committee, which is chaired by and includes non-executive directors and is
  responsible, inter alia, for the oversight of the Company's framework of risk management and compliance
  with regulatory requirements and expectations.
- The Remuneration Committee and Nomination Committee established in 2017.

The Company has also established certain management committees, made up of executive management, which provide more granular oversight and review of the business and operations of the Company as shown below.



#### **B.1.1 Key Functions**

As required by articles 268 to 272 of the Delegated Regulation, the following four Key Functions and associated reporting lines, are incorporated into the Company's organisational structure. These Key Functions are provided with the necessary authority and resources to carry out their role by the Board of the Company and each are operationally independent.

- An Actuarial Function, which is responsible, inter alia, for the calculation of technical provisions, the appropriateness of the methodologies and assumptions used in the calculation of technical provisions, for the assessment of the data used in the calculation of technical provisions, for expressing various opinions as required by the Solvency II Directive, and for contributing to the effective implementation and operation of the Company's system of risk management. The Actuarial Function reports to the Audit Committee and the Board of the Company on a regular basis.
- An Internal Audit Function, which is responsible, inter alia, for the evaluation of the adequacy and effectiveness of the Company's internal control system. The Internal Audit Function reports to the Audit Committee and the Board of the Company on a regular basis.
- A Compliance Function, which is responsible, inter alia, for advising the Board of the Company on compliance with all relevant regulations and legislation to which the Company is subject; as well as for assessing and advising on the impact of any changes in such provisions on the operations of the Company, and for the identification and assessment of compliance and regulatory risk. The Compliance Function reports to the Risk & Compliance Committee and the Board of the Company on a regular basis.
- A Risk Management Function, which is responsible, inter alia, for the implementation of the Company's
  system of risk management, as well as designing and developing the Company's risk register. The Risk
  Management Function reports to the Risk & Compliance Committee and the Board of the Company on a
  regular basis.

Key Function Holders are required to adhere to the Fit and Proper policy, the details of which are described in section B.2.

No material changes to the system of governance took place over the course of 2017.



#### **B.1.2** Remuneration policy

#### B.1.2.1 Remuneration Policies and Performance-based Criteria

The compensation and performance based criteria currently in place for employees consists of four principal elements of compensation: base salary, annual incentive compensation, long-term incentive compensation, and employee benefits/other compensation.

Base salary is the guaranteed element of the employee's compensation structure and is paid to employees for ongoing performance throughout the year.

Non-Executive Directors of the Company's Board of Directors are paid a fixed monthly fee for their services plus agreed expenses.

The annual incentive compensation program supports both the Group's and the Company's strategy by linking a significant portion of its employees' total compensation to the achievement of critical business goals on an annual basis. All employees are eligible to earn annual incentive compensation. In London, the annual incentive program targets range from 10 - 80% of base salary in each performance year, dependent on the employee's level within the organisation.

The EWIL and EAL Remuneration Committee alongside the Group's Compensation Committee (the "Committees"), believe the inclusion of long-term incentive compensation in the Group's compensation structure fosters the appropriate perspective in management, given that the ultimate profitability of the insurance or reinsurance underwritten by the Group may not be fully known for many years. In addition, the Compensation Committee seeks to align the interests of the Group's employees with the Group's shareholders to the greatest extent practicable. Finally, long-term incentive compensation, which potentially is forfeited in the event of the departure of an employee from the Group, has the ability to retain valuable executive talent within the organisation. Each of the Senior Executive Officers and Senior Vice President and Executive Vice President level employees are eligible to earn long-term incentive compensation. In London, the long term incentive program targets range from 40 – 100% of base salary in each performance year, dependent on the employee's level within the organisation.

Employees are offered a core set of employee benefits in order to provide a reasonable level of financial support in the event of an employees' illness or injury and enhance productivity and job satisfaction through programs that focus on employees' health and well-being. In London, employees' basic benefits include private medical, private dental, private GP coverage, disability insurance, critical illness insurance and life insurance. All employees are enrolled in the defined contribution Group Personnel Pension plan. The employer contributes 9% of employee base salary into the pension plan in addition to a year-end discretionary profit sharing contribution of up to 3% of base salary.



Annual incentive and Long Term Incentive awards are discretionary and any payment / awards are based upon a combination of Company and employee performance. The incentive pools are set based on achieved Company performance against agreed objectives at the beginning of the performance year. The individual award is then reached based on individual performance.

#### B.1.2.2 Supplementary Pension and/or Early Retirement Schemes

The Company does not have any supplementary pension programs or early retirement schemes for any of the members of its Board of Directors nor any of the senior executives.

#### B.1.3 Material transactions during the reporting period with related parties

The Company did not have any material transactions in the reporting period with persons who exercise significant influence or senior executives other than those associated with the compensation arrangements previously disclosed.

The Company was party to three quota share reinsurance arrangements with its interim parent company, Endurance Specialty Insurance Limited ("ESIL") in 2017, as follows:

- 1. a quota share arrangement covering 100% of Catastrophe reinsurance business and a 40% whole account quota share, where the total cession including that of the Catastrophe Reinsurance business shall not exceed 40% of the Company's net earned premium;
- 2. a quota share arrangement covering 50% of business written by the Company's Zurich branch; and
- 3. a quota share agreement which ceded 80% of aircraft non-payment insurance (ANPI) written in the year.

The Company purchases a stop loss contract with ESIL, ceding 3% of net earned premium. Losses ceded under the contract attach at the excess of the greater of £30M net ultimate loss or 77.5% of the Company's net earned premium with a limit of 100% of net earned premium or £45M, whichever is greater. In addition, this contract covers the Company's ultimate net loss for £10M xs £10M for each and every loss.

The Company was also party to four additional quota share arrangements with Blue Water Re Limited affiliates which provided cover for 17.73% of the Property Treaty catastrophe book.

Lastly, the Company has purchased a Surety Bond from ESIL which provides capital to the Company if at any time the net worth of the Company is less than the greater of £25M or the required minimum solvency requirement in accordance with applicable laws and regulations. This contract also has a liquidity provision should the Company have insufficient funds to make a required payment for any covered product.

No dividend was paid or declared (2016: £nil).



#### **B.2** Fit and proper requirements

There is a Fit and Proper policy to which all members of the Board, Key Function Holders, and persons within and working on behalf of the Company who might from time to time be captured by the Fit and Proper requirements set out in the Directive must adhere.

The Fit and Proper policy requires that where a person is captured by the Fit and Proper requirements that person must be assessed against the relevant fit and proper criteria applicable to the role including but not limited to honesty, integrity, reputation, competence, capability, and financial soundness.

The Fit and Proper policy requires that an annual assessment of a person's fitness and propriety (where such person is subject to the relevant requirements) should be carried out at the time of first recruitment and on a regular (at least annual) basis thereafter. The policy states, inter alia, that:

- Persons (who are subject to the fit and proper requirements) should be assessed for the ability to carry
  out their role in compliance with relevant regulatory requirements, principles, and rules;
- Persons should be assessed for their competence, both in terms of management and technical ability;
- Persons should be subject to annual appraisal to ensure that all the key skills relating to the role remain at a suitable level;
- Persons should be subject to a documented programme of professional development to ensure that they remain technically and professionally competent.

# B.3 Risk management system including the Own Risk and Solvency Assessment

#### B.3.1 Risk management strategy

The Company's risk strategy is aligned to the business objectives of the Company. As a specialty (re)insurer operating in the international insurance and reinsurance marketplace it is central to the achievement of the Company's business objectives that it seeks insurance and investment risk through the specialty products that it underwrites and the investments made with the assets of the business. In undertaking this activity the Company accepts exposure to other risks that it does not seek and for which it is not rewarded.

The principles underpinning the Company's risk management strategy include:

- The Company sees risk as more than just a potential for loss, but also as a potential for opportunity;
- The Company only seeks risks that it has the capabilities and expertise to understand and to manage;
- The Company only accepts risks it seeks that provide a level of reward commensurate with the risk assumed:



- The Company uses its people, systems, processes and controls to minimise its exposure to risks that it does not seek and for which it is not rewarded, subject to cost benefit considerations; and
- The Company defines the risk preferences and tolerances within which it will normally operate to achieve its business objectives.

The Company's approach to risk management is based upon the belief that risk management activity should be embedded across the business, leverage a diversity of skills, tools and people whilst being supported by a strong culture of risk awareness and engagement. In particular, the risk management system is designed to support the successful execution of the Company's business strategy by aligning the risk appetite to business objectives and inculcating a risk management culture that influences decisions from board level through to individual employees.

The Board has overall responsibility for approving the strategy and risk appetite of the Company at least annually. The Board has delegated responsibility for overseeing the risk management framework to the Risk & Compliance Committee which meets quarterly to receive reports and management information from the UK Chief Risk Officer who is responsible for the UK risk function.

#### B.3.2 Risk management system

The risk management system is designed to support the successful execution of the Company's business strategy by aligning the risk appetite to business objectives and influencing decisions from board level through to individual employees. The risk management system of the Company encompasses the following key components: risk identification and assessment; interaction with the decision making process; risk reporting; and the risk governance structure. The risk management system supports the business in monitoring strategy execution and also in informing decisions around the evolution of the strategy over time.

The risk management system operates in the following ways:

a) Identify: The Company has a strong risk culture promoted by business leadership and supported by the remuneration structure. Risk is seen as more than just a potential for loss, but also as a potential for opportunity. A proactive approach to developing and maintaining risk awareness is built into the Company's processes and is an important consideration spanning the management of both the asset and liability sides of the balance sheet.



- b) Assess: The Company maintains a collaborative approach to assessing risk and performance, generating insight and preserving consistency by bringing an appropriate mix of disciplines, perspectives and tools together to address the challenges of quantifying risk and of understanding uncertainty. Underpinning this, the Company has established a robust framework for the development of risk intelligence internally, the acceptance of externally developed risk intelligence, and the on-going review and independent validation of utilised intelligence.
- c) Respond: The Company has established processes, systems and management information to embed risk and performance analytics in the decision making framework across the business. Systems have been established to synthesize and deliver risk insight to the point of decision making whilst processes are maintained to ensure continued engagement between decision makers and analytics teams.
- d) Monitor: The Board approves the company's risk management policy and its risk appetite and limit framework. The business implements a control environment which is designed to operate within defined risk appetites and assigns individual accountability for identified risks and key business controls, documented in the risk register.

The Company's internal audit function considers the risk management framework in the development of its audit universe and annual risk-based audit plan. In executing the audit plan a feedback loop exists where the recommendations arising from review of the control environment are considered by management and the risk function and, as appropriate, reflected in the risk register.

Training on the risk management framework and specifically risk appetites is provided to the Board, management and all staff regularly.

#### B.3.3 Risk appetite framework

The Company's operations are subject to risk appetite statements defining the boundaries within which the Company is expected to operate when pursuing its strategy and that enable management and the Board to focus on meaningful high-level targets at the intersection of strategy, risk and performance.



Risk appetite statements are articulated at two different levels. The highest level statements, Tier 1, describe the Company's risk preference and overarching risk objective. Associated with each of these statements is a series of Tier 2 statements which reference specific key risk or performance indicators and for each define risk tolerances within which the risk profile would normally be expected to operate. Together these provide an objective basis for the ongoing assessment and monitoring of the risk profile that is linked to the objectives of the business.

Supplementing both the Tier 1 and 2 risk appetite statements are a series of risk monitoring statements. These refer to specific metrics and associated tolerances/targets that business risk management (1st line) operate the business with reference to. These risk profile characteristics are overseen by the 2nd line, risk management, and deviations from specified tolerances/targets at this operational level are reported to the Board for discussion on an exception basis. The lines of defence are explained further in section B.4.

#### B.3.4 Risk management responsibilities

The Board of Directors holds ultimate responsibility for the risk governance of the Company. The Company's Board Committees review and evaluate risk management processes and procedures, as well as monitor and oversee the guidelines and policies that govern the process by which the Company assesses and manages its exposure to risk. The Board Committees hold meetings at least quarterly, and more frequently as required, with members of senior management.

The Company's Board and Management Committees include:

- The Risk & Compliance Committee of the Board;
- The Audit Committee;
- The Underwriting Committee; and
- The Operations Committee.

To oversee risk management within the Company, the Board has formed the Risk & Compliance Committee. The objective of the Risk & Compliance Committee is to develop and implement an organisation-wide approach to the identification, assessment, communication, and management of risk in a cost-effective manner.

The Audit Committee's overarching responsibility is to oversee and challenge the effectiveness and appropriateness of the financial and internal controls of the Company (or carried out on behalf of the Company by the Group), the integrity of the statutory reporting arising out of the business of the Company, and to provide assistance to the Board of the Company in fulfilling its legal and fiduciary obligations relating to matters involving the accounting, auditing, financial reporting, and internal control functions of the Company.



The Underwriting Committee is a management committee which is responsible, for among other things, oversight of the Company's underwriting processes, procedures and controls, approval of any amendments to underwriting policy and guidelines, and monitoring of the Company's risk exposures. The Operations Committee which is also a management committee is responsible, for among other things, oversight of the day-to-day operations of the Company (e.g. claims handling, human resources, facilities), including the assessment and monitoring of operational risk.

#### B.3.5 Own risk and solvency assessment process

The Company operates under the jurisdiction of the Prudential Regulation Authority ("PRA") which under Solvency II Pillar 2, sets out the ORSA. The ORSA requires the firm to assess all of the current and possible future risks it has within its business to determine the level of capital needed to mitigate these risks.

The Company conducts its ORSA each quarter to assist the Board in making strategic decisions. The reports are presented to the Risk & Compliance Committee and the Board of Directors quarterly, and approved for regulatory submission annually. The ORSA process allows the Board to assess the current and potential future risks facing the Company to better understand the risk profile and to ensure that the Company is operating within its risk profile. The ORSA also informs the Executive Team and the Board on the level of capital resources needed to support the business plan. The information provided within the ORSA guides any risk mitigation actions, reassessment of risk profile and strategy, and decisions with regards to capital management.

The Company has determined that the Solvency II Standard Formula, which encompasses the primary drivers of risk exposure, is appropriate to use to calculate the required solvency capital needs. The Standard Formula employs a mathematical model that provides a risk-based framework to determine appropriate levels of capitalisation.

The Risk Management Function is responsible for conducting the quarterly ORSA process. The key business processes supporting the ORSA include: strategy reviews; business planning; the risk management framework; the stress and scenario testing framework and the technical provisioning process.



#### **B.4 Internal control system**

Risk management responsibilities are clearly defined across the Company and are segregated across three 'lines of defence' that vary in the level of independence they have from the day-to-day running of the organisation, specifically:

- The first line of defence, business risk management, describes the infrastructure of processes, systems and controls owned by members of the business charged with responsibility for day-to-day operations. Ownership for each of the identified business risks is allocated to an appropriate member of the management team and subject to quarterly self-assessment.
- The second line of defence, risk management, describes the risk oversight activity, encompassing risk assessment, monitoring and reporting, undertaken by both the Risk and Compliance functions. Specific attention is given to monitoring how the risk profile of the Company compares to the Board approved appetite statements regarding risk preference and tolerance. The risk function will intervene directly in modifying and developing the internal control and risk systems utilised in the first line, as such the second line of defence cannot offer truly independent risk assurance to the Board.
- The third line of defence, internal audit, describes the risk assurance work done independently of the operation of the business and the risk function to determine that controls are being operated adequately, risks assessed appropriately and that the risk management framework remains effective.

The Actuarial Function operates within the first line of defence and is responsible for the provision of data from the Internal Model to support the monitoring of actual risk exposure against risk appetite statements and tolerances.

The Risk Management Function operates within the second line of defence and is responsible for the following activities:

- a) To preserve financial soundness by
  - i. Assessing and monitoring on-going capital and reinsurance adequacy
  - ii. Advising the business on key risks and risk management strategies
  - iii. Maintaining compliance with prevailing risk management standards / requirements and to support the business in minimising the otherwise avoidable costs of compliance



#### b) To maintain strategic focus and alignment by

- i. Embedding a clear and specific statement of business strategy and objectives
- ii. Maintaining a proactive and creative approach to understanding and responding to threats and opportunities over the strategic planning time horizon
- iii. Maintaining statements of the business' risk preferences and embedding these across the decision making system

#### c) To provide performance optimisation insight by

- i. Advising on the allocation of capital resources to maximise risk adjusted return in light of risk appetite preferences
- ii. Providing targeted and timely risk analytics to inform specific risk taking or risk mitigation decision making
- iii. Monitoring control effectiveness and facilitate optimisation of risk mitigation strategies and processes

The Compliance Function operates within the second line of defence and is responsible for ensuring business activities remain in accordance with prevailing regulatory requirements and minimum standard expectations. The activities of the Compliance Function are divided into the following strands of activity:

- Business advisory: ensuring that the Board, senior management, and staff of the Company are aware of the obligations and requirements imposed on them by the applicable regulatory regimes.
- Compliance monitoring: providing regular and prompt identification and assessment of compliance risk and the day-to-day operation of compliance tools, policies and procedures.
- Regulatory affairs: managing the relationship of the Company with its regulators.
- Complaints handling: administering and operating the complaints handling process for the Company on a day-to-day basis.
- Reporting on all of the above strands of activity to the Company's Board.

The Internal Audit Function acts as the third line of defence and conducts regular reviews of the Company's operations. Part of the scope of each audit is to review the relevant risks associated with the activities under audit, to test the controls as recorded in the risk register and to provide findings to senior management, risk management and the Audit Committee. The feedback may include recommendations for changes to be made to the risk register, controls or processes.



#### **B.5** Internal audit function

The Internal Audit function's purpose is to help the Board and Executive Management to protect the assets, reputation and sustainability of the Company by challenging the effectiveness of the framework of controls which enable risk to be assessed and managed. It assists the Company in accomplishing its objectives by bringing a systematic and disciplined approach to evaluate and improve the effectiveness of the organisation's governance, risk management and internal control. Internal Audit has a direct reporting line to the Audit Committee as part of their oversight role.

Internal Audit undertakes, objectively and independent from management, three principal activities:

- Assessing and reporting (to Group and business unit audit and risk committees and to management as
  appropriate) on the effectiveness of the design and operation of the framework of controls which enable
  risk to be assessed and managed.
- Investigating and reporting on cases of suspected financial crime and employee fraud and malpractice.
- Undertaking designated advisory projects for management, provided that they do not threaten Internal Audit's actual or perceived independence from management.

At least annually, an internal audit plan will be submitted to senior management and the Audit Committee for review and approval. The internal audit plan is developed based on a prioritization of the audit universe using a risk-based methodology including the input of senior management and the Audit Committee. The plan is reviewed and adjusted, as necessary, in response to changes in the organisation's business, risks, operations, programs, systems, and controls. Any significant deviation from the approved plan will be communicated to senior management and the Audit Committee through periodic activity reports.

A written report will be prepared and issued by the Audit Director or designee following the conclusion of each internal audit engagement and will be distributed as appropriate. Internal audit results will also be communicated to the Audit Committee. The internal audit report will include management's response and corrective action to be taken along with a timetable for anticipated completion. The internal audit activity will be responsible for appropriate follow-up on engagement findings and recommendations. All findings will remain in an open issues file until cleared.

The Audit Director will periodically report to senior management and the Audit Committee on the internal audit activity's purpose, authority, and responsibility, as well as performance relative to its plan. Reporting will also include significant risk exposures and control issues, including fraud risks, governance issues, and other matters needed or requested by senior management and the Audit Committee.



#### **B.5.1** Independence

The internal audit activity will remain free from interference by any element in the organisation, including matters of audit selection, scope, procedures, frequency, timing, or report content to permit maintenance of necessary independent and objective mental attitude.

Internal auditors will have no direct operational responsibility or authority over any of the activities audited. Accordingly, they will not implement internal controls, develop procedures, install systems, prepare records, or engage in any other activity that may impair internal auditors' judgment.

Internal auditors will exhibit the highest level of professional objectivity in gathering, evaluating, and communicating information about the activity or process being examined. Internal auditors will make a balanced assessment of all the relevant circumstances and not be unduly influenced by their own interests or by others in forming judgments.

The Audit Director will confirm to the Board, at least annually, the organisational independence of the internal audit activity.

#### **B.6 Actuarial function**

The Company provides for an Actuarial Function as specified under Article 48 of the Solvency II Directive.

The roles and responsibilities of various stakeholders in terms of completing, reviewing and validating the tasks of the Actuarial Function are detailed below:

- Responsibility for coordinating the calculation of the technical provisions and all supporting analysis surrounding this process lies with the Actuarial Function Holder.
- The UK Chief Risk Officer has oversight of risk management system, with contributions from the Actuarial Function.
- The Actuarial Function provides its independent opinion on the underwriting policy. The Chief Pricing Actuary is heavily involved in providing the input for review into this process.
- The Actuarial Function provides its independent opinion on the reinsurance policy. The Ceded Reinsurance Officer is heavily involved in providing the input for review into this process.

The Actuarial Function is made up of qualified individuals who have knowledge of actuarial and financial mathematics and who demonstrate their relevant experience with applicable professional and other standards.



It operates in conjunction with multiple functions of the organization, in particular Risk, Underwriting, Finance, and Claims. The Actuarial Function is provided with the necessary authority to carry out its role by the Board and is operationally independent of the Company's other Key Functions. Additionally, the Actuarial Function has access to the necessary information systems and data sources to enable it to undertake the work required.

# **B.7 Outsourcing**

The Company has established standards, processes, roles and responsibilities for its arrangement of services to be provided by unaffiliated third parties ("outsourcers"). Outsourcing arrangements are supported by individual contracts and/or service level agreements ("SLA's"). Before an outsourcing arrangement is entered into, the Company assesses the impact of the proposed arrangement, including reviewing the qualifications of the service provider. For all material outsourcing arrangements based on the size and criticality of service, the Company applies the following due diligence and selection criteria:

- Formal reviews of the proposed outsourcing arrangements by the appropriate internal departments, including Legal and Procurement;
- Request For Proposal ("RFP") requirements provide that single source procurement may be permitted with the approval of Legal and Procurement; and
- Reviews by requester and the key management personnel to ensure that no conflicts of interest exist in engaging the outsourcer.

The selection criteria process should be agreed in advance by the requester and other reviewing parties (Legal, Procurement, IT) and should consider the following factors, among others:

- demonstrated quality (financial and technical abilities);
- specialised knowledge and resources;
- control framework:
- conflicts of interest;
- value-add services as differentiators;
- long-term viability and pricing;
- availability of an adequate Business Continuity Plan; and
- risks from outsourcing and mitigation.

Outsourcing arrangements that have cleared due diligence and met the appropriate selection criteria are reviewed to determine if an RFP is applicable. Where an RFP process is deemed appropriate, a reasonable number of competitive bids should be obtained to ensure quality services are being received at an appropriate price.



For any proposed outsourcing arrangement not subject to an RFP process, the requester must provide formal justification for single source procurement and obtain approval from Legal and Procurement.

In all outsourcing situations where outsourcers will access the Company's non-public information and/or systems, outsourcers will be required to sign a non-disclosure agreement.

The Company has defined key management personnel that are authorised to approve an outsourcing arrangement should the arrangement satisfy the due diligence and selection criteria. The key management personnel are prescribed in the Group's "Authorised Approvers" policy document and include the requirements for adequate specifications for the services to be entered into and a general ledger account and activity code where appropriate.

A summary of critical functions/activities outsourced, and the jurisdiction in which the service providers are located, is below.

Service	Description	Jurisdiction
Policy administration*	Data Capture & Data Quality Control, for bound Policies. Services also include report generation, audit support, file management and contract certainty checking.	UK
Credit control*	Cash management and chasing, including reconciliation and ongoing reporting of aged debt and unallocated cash.	UK
Claims and	Claims review and settlement (within authority) or referral, including regular	UK
claims	reporting and update, based on lead / follow terms.	
administration*		
Delegated	Chasing, upload and storage of all Delegated Underwriting Bordereaux (premiums	UK and India
underwriting	and claims) and reporting services. Also includes the utilisation of 'BinderCloud'	
services	third party software, from the outsourced service provider.	
Investment	Portfolio management in line with Board approved investment strategy, report	USA
management	generation and creation of accounting entries.	
and accounting		
Payroll	Payroll processing and payment, report generation and payslip production.	USA
IT helpdesk	Telephone support covering desktop and mobile devices.	USA

<sup>\*</sup>Direct insurance and facultative reinsurance only



#### **B.8** Any other information / summary

To effectively manage the risks inherent in the business, a set of risk policies have been developed to outline the policies, processes and procedures in place at the Company by risk type and functional area.

The corporate risk governance and the supporting risk management standards are intended to represent best practices based on the nature, scale, and complexity of the Company's operations, the relevant governing regulatory requirements as well as the composition and experience of the Company's management team and the Board of Directors.

Below are policies of the Company considered as part of the Solvency II framework and their dates of formal adoption.

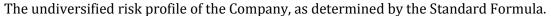
<u>Policy</u>	Date policy first adopted/updated by the Board
Data Quality Policy	10/05/2017
Reserving Policy	10/05/2017; updated 30/11/2017
Internal Control Policy	10/03/2015; updated 2/03/2018
Corporate Governance Policy	23/07/2014; updated 10/05/2017
Fit & Proper Policy	Adopted July 2010; revised 10/5/2017
Supervisory Reporting and Disclosure Policy	09/02/2017
(Reporting Policy)	
Risk Management Policy	09/02/2017; updated 8/3/2018
Compliance Policy and Procedures	12/2008; updated 12/2/15

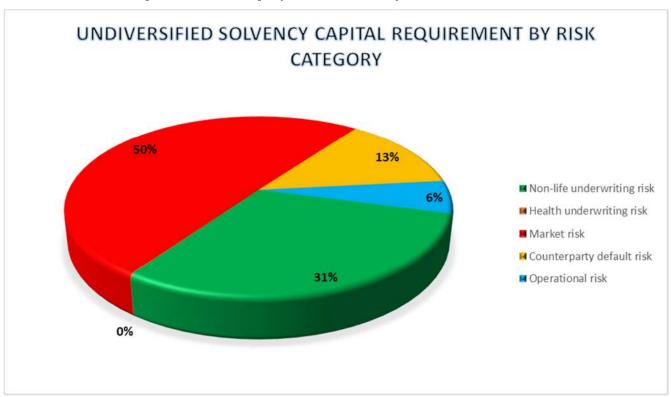
Management believe that the system of governance in place is suitable given the nature, scale and complexity of the risks inherent in the business.



#### C. Risk Profile

The Company is exposed to a range of risks that arise out of its underwriting and investment activities as well as its general operations. This section summarises the current risk profile of the business, and how the Company manages these risks.





#### **C.1 Underwriting Risk**

The Company seeks risk through its (re)insurance underwriting activities to generate financial earnings. The main risks assumed through underwriting activity can be sub-divided into: pricing risk; accumulation risk; and reserve risk.

Pricing risk describes the potential for systematic errors in the determination of the appropriate
premium to charge for policies underwritten by the Company. This could arise due to changes in the legal
or external environment, changes to the supply and demand of capital, and companies using inadequate
information to make decisions. This risk could affect multiple classes across a number of underwriting
years.

- Accumulation risk describes the potential for loss associated with any event or cause which has the
  capacity to result in more than one policy responding. This definition encompasses all classes of business
  written by the Company in all territories and includes both natural and man-made causes. Specific causes
  of accumulation risk include for example: earthquakes, hurricanes, acts of terrorism or systemic
  malpractice in an industry.
- Reserve risk describes the potential that provisions set aside to meet claims payments in respect of events that have occurred turn out to be inadequate. This risk is most pronounced for medium and long tailed business where the typical period between loss occurrence and ultimate claim settlement can be very long, in these cases unanticipated changes in the legal landscape (e.g. tort reform) or external conditions (e.g. inflation) can have a material impact on the adequacy of claims provisions. For short tailed business reserve uncertainty can be significant immediately following a major event, however the typically shorter reporting and settlement periods mean this risk is unlikely to persist and compound over time.

The Company's approach to risk management for each of these is set out below.

#### C.1.1 Approach to Risk Management

#### C.1.1.1 Pricing Risk

The Company uses a range of techniques to manage this risk as set out below:

• The Company recruits experienced underwriters with proven track-records and good standing in the market. Underwriting Letters of Authority ("LOA") are the primary tool for promulgating and implementing underwriting risk preferences and limits. As detailed in the underwriting policy, LOAs are issued to individual underwriters with concurrence from the respective CEOs of the Insurance and Reinsurance segments, being the segments the Company uses to manage the business. The LOAs document permitted lines of business, territories, maximum premium and exposure limits and the underwriters' responsibility towards the peer review process. The LOA also sets out any restrictions for classes of business or exposures that an underwriter is not permitted to underwrite. The LOAs are consistent with established underwriting strategy and guidelines and detail an underwriter's ability to legally bind contracts on behalf of the Company. LOAs contain effective and expiration dates and are reviewed periodically, at a minimum biannually, on an individual underwriter basis by the Underwriting Committee. The underwriting process is supported by pre and post-bind peer reviews, as well as regular independent reviews, the framework and reporting of which is overseen by the Underwriting Committee.



- Underwriters use a variety of underwriting tools, including specific contract terms, to manage exposure
  to loss. These include occurrence limits, aggregate limits, reinstatement provisions and loss ratio caps.
  Exclusions and terms and conditions to eliminate particular risks or exposures deemed outside of the
  intent of coverage are also considered.
- The Company has fully integrated its internal actuarial and modelling staff into the underwriting and decision making process. The Company uses in-depth actuarial and risk analyses to evaluate transactions prior to authorisation, assessing and charting pricing changes and rate adequacy. In addition to internal actuaries and risk professionals, external specialists will be used to provide support in developing and utilising robust risk intelligence to inform underwriting decisions.
- The Company has established a framework to enable the business to regularly assess and monitor performance drivers on a portfolio basis. The approach generates insight by integrating the analytics across a number of disciplines (including: actuarial, claims and risk) and engaging with underwriting teams quarterly to pro-actively monitor and respond to underwriting performance trends on both an absolute and risk adjusted basis.
- The claims team performs regular reviews of emerging claims trends and monitor changes in the legal landscape. The claims team meets with underwriting teams regularly to provide feedback on specific losses and identified trends to inform risk selection and coverage considerations.
- New business proposals, and/or opportunities that have a significant impact on the risk profile are subject to review and approval by the Underwriting Committee, including consideration of the fit of the proposal with business objectives, risk appetite and operational expertise and capabilities. Annually business plans for the Company are reported to the Board for discussion and approval.
- Annually the actuarial function provide an opinion to the Board on the adequacy of pricing levels
  reflected in the plan with due consideration to changes in the composition of the Company's portfolio,
  external influences, and the risks of anti-selection across the portfolio.
- Where the Company delegates underwriting authority either partially or fully to a third-party it is exposed to the risk that the related party fails to operate within agreed guidelines or to adequately price and/or reserve for the business. The Underwriting Committee is responsible for oversight of all delegated underwriting arrangements; the Committee is supported by a delegated underwriting group that meets quarterly to oversee delegated underwriting arrangement administration, processing and



performance. Independent audits of delegated underwriting partners are performed regularly with findings reported to the Underwriting Committee.

#### C.1.1.2 Accumulation Risk

The Company uses a range of techniques to manage this risk as set out below:

- Underwriting guidelines are documented for each underwriter across all classes of business including maximum line sizes, accumulation limits for single events and risk preferences. The risk profile of each class is monitored against these guidelines by exposure management analysts and modellers embedded within the underwriting team. Material variations to documented guidelines are reported to the Chief Underwriting Officer and UK CRO at which time remediation actions will be considered.
- At least annually the Group will complete a review of its ceded reinsurance strategy, with reference to the objectives of the Group business, its risk appetite and prevailing market conditions / trading opportunities. Any changes to the reinsurance strategy, including inter-company arrangements, are reported to the Underwriting Committee prior to implementation.
- Annually the actuarial function provides an opinion to the Board on the adequacy of reinsurance
  arrangements anticipated in the plan with due consideration of: the consistency with the Company's risk
  appetite and business plan; the ability to support solvency under stressed scenarios; and the standing
  and repute of counterparties.
- The Company utilises a variety of proprietary and commercially available tools to quantify and rank the hazard (i.e. exposure and vulnerability to specific loss drivers) accepted by the Company through underwriting individual contracts of (re)insurance. This information, where available, is used to inform the underwriting risk selection. Proprietary tools include a variety of natural catastrophe, weather, casualty, aviation, credit, economic and other specialty risk models as well as a suite of deterministic scenarios.
- The Company has established a robust system for the identification, quantification, reporting and monitoring of accumulation risk exposures (both natural and man-made) across the business. As part of the exposure management framework, the risk function: Identifies, at least annually, all realistic foreseeable accumulation risk sources and performs sufficient work to quantify each with regard to the potential downside exposure to the Company; Provides regular reporting of the Company's accumulation risk exposures to the Company's relevant oversight committees; Assists management to ensure adequate reinsurance and capitalisation with respect to accumulation risk; Assists management and the



underwriting function to maintain accumulation risk levels within risk appetite, and; identifies opportunities and advises on tactical business decisions.

- The Company maintains an economic capital model and a number of supporting processes, to explicitly quantify the key drivers of risk, their associated financial consequences across the business and their interdependencies for a wide range of scenarios of differing severities. The economic capital model leverages the assessments of accumulation risk provided by the exposure management framework and additionally incorporates a suite of both proprietary and external risk models. The risk drivers modelled in the economic capital model are reviewed at least annually for completeness with reference to: the identified universe of realistic foreseeable accumulation risks; historical events; expert judgements; and, the risk universe identified in the risk register. The economic capital model output is used to assess the appropriateness of the SII Standard Formula regulatory capital requirement.
- Oversight of underwriting accumulation risk management is provided by the Risk & Compliance Committee with day-to-day management responsibility delegated to the Underwriting Committee. The Underwriting Committee meets quarterly to receive management information and discharge its delegated oversight duties, including monitoring accumulation risk levels relative to approved risk limits.

#### *C.1.1.3 Reserving Risk*

The Company uses a range of techniques to manage this risk as set out below:

- At least annually each class of business (including delegated business) is subject to a detailed reserve review where actuarial and statistical techniques are used to derive loss reserve estimates from the most recently available data, as well as current information on future trends in claims severity and frequency, judicial theories of liability and other factors. In respect of individual claims and/or events where the potential for reserve development is material, reserve selections will be informed by an update of the loss circumstances provided by the claims team.
- Oversight of loss provisions is provided by the Audit Committee, which meets quarterly to monitor reserve adequacy. Annually the actuarial function reports on the adequacy of loss provisions established both on a GAAP and economic basis through the Actuarial Function Holder Report provided to the Board.



#### C.1.2 Assessment of Risk

As determined by the Standard Formula, underwriting risk comprises 31% (2016: 28%) of the undiversified total SCR. Whilst the primary activity of the Company is to underwrite (re)insurance business, significant levels of outwards reinsurance protection serve to materially limit the contribution of this risk to the overall risk profile of the Company.

#### C.1.2.1 Material Risk

The Company's exposure to accumulation risk is managed by comprehensive outwards reinsurance protections, including intra-group stop loss reinsurance. Retained underwriting risk primarily reflects exposure to pricing and reserve risk. The lines of business that are most exposed to these risks are reflected in the capital needs of the Company as defined by the Standard Formula. For the Company, these lines of business are:

- General liability insurance and proportional reinsurance;
- Marine, aviation and transport insurance and proportional reinsurance;
- Non-proportional casualty reinsurance; and
- Fire and other damage to property insurance and proportional reinsurance.

#### C.1.2.2 Concentration Risk

Concentration risk arises out of accumulation of exposures to geo-physical, geo-political, economic, technological, societal and environmental threats. The Company conducts annual risk assessments which review the current strategies for identifying and managing these risks. An objective of the risk assessment process is to highlight any increases in risk exposures as well as any deficiencies in the Company's strategies to address these risks.

#### C.1.3 Sensitivity of Risk

The Company carries out various sensitivity testing as part of its risk management process, and one such test involves gross and net impact to profit with increases to loss ratios of 10%, with all other assumptions held constant, to test the sensitivity of the loss ratio assumptions to the overall Company strategy.

Amounts in GBP'000	Change in assumption	Impact on gross liabilities	Impact on net liabilities	Impact on profit	Impact on capital and reserves	% of Solvency II surplus
2017 Loss ratio	+10%	18,900	5,404	(5,404)	(5,404)	(2.3%)
2016 Loss ratio	+10%	13,081	4,767	(4,767)	(4,767)	(1.8%)



When considered alongside the Company's own funds (section E.1) and capital requirements (section E.2), this sensitivity test shows that the Company's capital base can withstand some level of systemic mispricing, but the tests highlight the importance of vigilant oversight of our underwriting controls. Nevertheless, the potential for loss ratio deterioration is limited by the intra-group stop-loss agreement with Endurance Specialty Insurance Limited, an indirect subsidiary of the Company's ultimate parent undertaking.

Reserve risk sensitivity tests have been performed by the Company to assess the profit/loss impact of misestimation of reserve liabilities. These tests assess how the variability in the initial expected loss ratio ("IELR") and the variability in how quickly claims are reported impact the reserve estimation. Each variable was increased and decreased by 10%.

The results of these tests are as follows:

Potential Percenta	nge Change in Total Loss and Lo	oss Expense Provisions						
	Init	Initial Expected Loss Ratio						
2017								
Reporting Pattern	10% Lower	Unchanged	10% Higher					
10% Faster	(7.9%)	(5.2%)	(2.5%)					
Unchanged	(3.0%)	0.0%	1.3%					
10% Slower	1.7%	2.6%	3.6%					
2016								
Reporting Pattern	10% Lower	Unchanged	10% Higher					
10% Faster	(8.1%)	(5.3%)	(2.6%)					
Unchanged	(2.8%)	0.0%	2.6%					
10% Slower	2.3%	5.1%	7.6%					

The results show that in the most severe scenario above (10% higher IELR with 10% slower reporting of losses), the Company expects a 3.6%, or £5.0M, reserve increase. These tests are meant to show the sensitivity of the assumptions in the reserving methodology and, when considered alongside the Company's own funds (section E.1) and capital requirements (section E.2), the results show that the Company can withstand such fluctuation in the held reserves. However, it does highlight the consistent need to be regimented with regards to reserve control processes.



#### C.2 Market Risk

Market risk describes the Company's exposure to external influences on its assets resulting in financial losses or gains from the level or volatility of market prices of financial instruments. Exposure to market risk is measured by the impact of movements in the level of financial variables such as interest rates, currency exchange rates and market prices.

#### C.2.1 Approach to Risk Management

The Company uses a range of techniques to manage this risk as set out below:

- To ensure diversification of the investment portfolio and avoid excessive aggregation of risks, limits on asset types, economic sector exposure, industry exposure and individual security exposure are placed on the Company's investment portfolio and monitored on an ongoing basis.
- Any changes to the Company's investment policy is reviewed and approved by the Audit Committee. The risk profile of the Company's investment portfolio is monitored against approved risk limits and targets quarterly by the Risk & Compliance Committee.
- The Company uses a number of capital-at-risk models, which include volatility-scenario based measures, value-at-risk and credit impairment calculations to evaluate its investment portfolio risk. The Company regularly evaluates the applicability and relevance of the models used and makes adjustments as necessary to reflect actual market conditions and performance over time.
- The Company maintains an asset liability management strategy that involves the selection of investments with appropriate characteristics, such as duration, yield, currency and liquidity that are tailored to the anticipated cash outflow characteristics of our liabilities and the anticipated interest rate environment. Foreign currency risk is managed by seeking to match liabilities under insurance and reinsurance policies that are payable in foreign currencies with assets such as cash and investments that are denominated in such currencies.

#### C.2.1.1 Prudent Persons Principle

The investment strategy is reviewed by the Board, and implemented by the Investment Function, which hires third-party investment managers to invest the assets under the direction of the 'prudent person principle' aligned Investment Policy, and specific guidelines for each manager. A small percentage of assets are managed internally.



Prior to hiring an investment manager, a rigorous due diligence process is followed to ensure that the manager has the adequate skills, qualifications, experience and resources to carry out the duties that they have been delegated. The investment manager guidelines prescribe the types of securities that the manager may invest in and those that are prohibited. The guidelines also set individual issuer limits based on credit quality, as well as aggregate sector and credit quality limits, ensuring adequate portfolio diversification. The investment manager is given a performance benchmark with appropriate sector exposures and duration to meet the needs of the Company.

#### C.2.2 Assessment of Risk

As determined by the Standard Formula, market risk comprises 50% (2016: 58%) of the undiversified total SCR.

#### C.2.2.1 Material Risk

The market risk charge is driven in majority by a currency risk charge. The Company has a GBP functional currency but holds a significant capital surplus in USD, resulting in exposure to material foreign exchange gains/losses in the reported financial statements.

#### C.2.2.2 Concentration Risk

The Company is subject to concentration risk in its investments. In order to minimise its exposure to investment concentration risk, the Company has designed its investment portfolio to diversify risks to the extent practical, particularly with regard to interest rate, credit, structure and equity risks. To ensure diversification and to avoid excessive aggregation of risks, the Company has placed limits on asset types, economic sector exposure, industry exposure and individual security exposure which are monitored on an ongoing basis.

The table below shows the exposure of the Company's investment portfolio to asset types and currency.

Amounts in GBP'000	GBP	USD	EUR	2017 Total	GBP	USD	EUR	2016 Total
Collateralised securities	5,636	130,846	2,180	138,662	7,152	193,478	1,549	202,179
Government bonds	51,454	82,173	9,579	143,206	49,503	31,487	6,352	87,342
Corporate bonds	23,969	120,277	5,532	149,778	42,022	146,548	9,161	197,731
Other investments	-	-	-	-	-	691	-	691
Investment portfolio cash	20,398	897	467	21,762	3,298	13,415	184	16,897
Total	101,457	334,193	17,758	453,408	101,975	385,619	17,246	504,840



#### C.2.3 Sensitivity of Risk

The majority of the Company's investments comprise cash and fixed income securities. The fair value of the Company's investments is inversely correlated to movements in interest rates. If interest rates fall, the fair value of the Company's fixed income securities tends to rise and vice versa.

The table below shows the potential impact on investment portfolio valuation resulting from fluctuations in interest rates, based on the portfolio duration, as follows:

Amounts in GBP'000  Change in interest rates (basis points)	2017 Impact on valuation	% of Solvency II surplus	2016 Impact on valuation	% of Solvency II surplus
+100 bps	(12,472)	(5.4%)	(16,814)	(6.3%)
+50 bps	(4,848)	(2.1%)	(8,401)	(3.1%)
-50 bps	9,248	4.0%	7,591	2.8%
-100 bps	14,661	6.3%	14,138	5.3%

The Company manages interest rate risk by regularly monitoring the average duration of financial investments.

The Company operates internationally and therefore has exposure to foreign exchange risk. The Company endeavours to mitigate this risk by maintaining a match of assets and liabilities in their respective currencies. However, the Company's major exposure to foreign exchange is through its US Dollar investment portfolio where all excess capital is held.



The table below shows the potential impact, by currency, on the income statement and equity resulting from fluctuations in foreign exchange rates:

Amounts in GBP'000 Change in GBP versus foreign currency					
2017	USD	EUR	AUD	JPY	Total
+10%	(22,816)	(960)	(611)	274	(24,113)
+5%	(11,952)	(503)	(320)	144	(12,621)
-5%	13,209	557	353	(158)	13,961
-10%	27,884	1,174	746	(334)	29,470
2016	USD	EUR	AUD	JPY	Total
+10%	(28,332)	1,026	(412)	(149)	(27,867)
+5%	(14,839)	537	(216)	(78)	(14,596)
-5%	16,400	(594)	238	86	16,310
-10%	34,624	(1,254)	503	181	34,054

The Company manages foreign exchange risk by buying or selling currency to rebalance its monetary assets and liabilities following each quarter end.

The Company is exposed to spread risk relating to its fixed income assets. The following table shows the potential impact on the income statement resulting in widening of yield spread.

Amounts in GBP'000	Fixed Income Market Value	2017 Loss	% of Solvency II surplus	Fixed Income Market Value	2016 Loss	% of Solvency II surplus
Base	453,408			504,840		
10 bps widening		(1,315)	(0.6%)	503,213	(1,627)	(0.6%)
50 bps widening		(6,574)	(2.8%)	496,704	(8,136)	(3.0%)



While the Company does not place any limits on spread duration exposure, it does place limits on individual issuers and on industry sectors as a whole in order to manage its spread risk. The investment portfolio is monitored regularly for adherence to these limits.

#### C.3 Credit Risk

Credit Risk arises from exposure to default by a third party to whom the Company has exposure. Primarily these parties would comprise reinsurers to whom the Company has ceded or retroceded business, parties holding premiums due to the Company and banks providing letters of credit to its benefit.

#### C.3.1 Approach to Risk Management

The Company uses a range of techniques to manage this risk as set out below:

- The purchase of ceded reinsurance is coordinated by the Ceded Reinsurance Officer who works with the business and various functional areas to determine coverage needs, develop an appropriate reinsurance structure and build the submission to present to market. The Ceded Reinsurance Officer ensures that the data contained within the submission is both accurate and that the narrative outlining the business' strategy is relevant. All draft contracts undergo a legal review prior to binding.
- The Company avoids excessive and non-diversified use of reinsurance by doing business only with reinsurers of sufficient credit or financial strength. All reinsurance purchases are made through a pre-approved counterparty panel with the constituents selected on the basis of their financial strength rating (minimum A- rating required) and other background criteria. In the event of credit downgrades below the minimum required, approved counterparties may be removed from the panel.
- The Company additionally maintains intra-group reinsurance agreements with Endurance Specialty Insurance Limited, which includes quota-share and stop-loss reinsurance. The Company regularly monitors the credit risk assumed through these intra-group transactions assessing what impact cessation of this protection would have on the capital and/or liquidity position of the Company under both normal and stressed conditions. This is reviewed by the Board at least annually.
- Outwards reinsurance and other counterparty risk levels are monitored by the Risk & Compliance Committee quarterly through a series of quantitative and qualitative risk metrics. Material deviations in the risk levels from pre-determined risk tolerances are notified to the Board and remedial action to bring risk levels within appetite are considered.



#### C.3.2 Assessment of Risk

As determined by the Standard Formula, credit risk comprises 13% (2016: 10%) of the undiversified total SCR.

#### C.3.2.1 Material Risk

The Company is subject to credit risk primarily with respect to its reinsurers because the transfer of risk to a reinsurer does not relieve the Company of its liability to its clients. If reinsurers experience financial difficulties, the Company may not be able to recover losses. In addition, reinsurers may be unwilling to pay, even if they are able to do so. The failure of one or more of reinsurers to honour their obligations in a timely fashion would impact cash flow and reduce net income. Depending upon the amount of reinsurance purchased, such a scenario could cause a significant loss to the Company.

#### C.3.2.2 Concentration Risk

When reinsurance or retrocessional reinsurance is purchased, the Company requires its reinsurers to have strong financial strength ratings. The Company evaluates the financial condition of its reinsurers and monitors its concentration of credit risk on an ongoing basis. The Company manages its credit risk in its reinsurance relationships by transacting with reinsurers that it considers financially sound and, if necessary, may hold collateral in the form of cash, trust accounts and/or irrevocable letters of credit. This collateral can be drawn on for amounts that remain unpaid beyond specified time periods on an individual reinsurer basis.



The Company identifies and accumulates credit risk exposure by entity and by credit rating to provide assurance that it is not overweight to any particular entity or to credit ratings of A- and below. The following table summarizes the major counterparty exposure, on a UK GAAP basis, by Standard & Poor's or equivalent credit rating:

Amounts in GBP'000						
2017	AAA	AA	A	BBB and below	Other/not rated	Total
RI share of claims outstanding	-	-	201,704	12	4,743	206,459
Cash and cash equivalents	-	-	53,634	-	-	53,634
Other assets		-	11,901	-	5,926	17,827
Total	-	-	267,239	12	10,669	277,920
2016						
RI share of claims outstanding	-	-	143,692	-	1,117	144,809
Cash and cash equivalents	-	-	39,824	-	-	39,824
Other assets	-	-	12,696	-	12	12,708
Total	-	-	196,212	-	1,129	197,341

The financial assets included in the 'other/not rated' column relate to reinsurers' share of claims outstanding with unrated counterparties which are either not rated or cannot be readily allocated a credit rating.

#### C.3.3 Sensitivity of Risk

The Company has analysed the impact of potential credit rating transitions and concluded that a downgrade of its largest reinsurer would not have a significant impact on its solvency.



#### **C.4 Liquidity Risk**

Liquidity Risk represents the risks where the short term liability obligations cannot be met by the Company due to the inability to convert assets into cash. Such a scenario can be driven by a lack of buyers in an inefficient market.

#### C.4.1 Approach to Risk Management

The Company uses a range of techniques to manage this risk as set out below:

- The Company is exposed to daily calls on its available cash resources, principally from claims arising from its insurance activities. The Company's policy is to manage its liquidity position, allowing for encumbered assets and restricted fungibility of assets, so that it can reasonably meet a significant individual or market loss event. At least annually, the risk team performs a liquidity stress analysis, which considers the availability and fungability of Group funds to support legal entity capital needs in the event of a major market or economic shock.
- The Company maintains sufficient liquid assets, or assets that can be quickly converted into liquid assets, without any significant capital loss, to meet estimated cash flow requirements. These liquid funds are regularly monitored and the majority of the Company's investments are in highly liquid assets which could be converted into cash in a short time frame and at minimal expense. Cash is generally bank deposits and money market funds.
- Contingent liquidity funding is provided by a surety bond from Endurance Specialty Insurance Limited that responds automatically to maintain capital requirements and any cash-flows relating to existing obligations at the time the bond is called on.

#### C.4.2 Assessment of Risk

#### C.4.2.1 Material Risk

The Company's liquidity risk exposure primarily arises during periods of stress such as catastrophe events or major individual losses that require losses to be settled over a relatively short time-frame. This may be due to client needs or driven by insurance regulators in the jurisdiction of the loss event. The Company may also experience delays in the corresponding recovery of loss amounts paid from its reinsurers, potentially adding to the short-term liquidity strain.



#### C.4.2.2 Expected Profit included in Future Premiums ("EPIFP")

The total EPIFP calculated as at year-end 2017 is £40.3M (2016: £16.5M).

#### C.4.3 Sensitivity of Risk

The Company has a liquidity risk limit framework in place to ensure that there is an appropriate level and composition of liquid funds in place to meet expected future cash outflows under normal and stressed market conditions.

#### **C.5 Operational Risk**

In undertaking its core underwriting and investment activity the Company accepts exposure to other risks that it does not seek and for which it is not rewarded, in particular operational risk. Operational risk refers to the loss resulting from inadequate or failed internal processes, people and systems or from external events. Operational Risk includes Regulatory and Legal Risk. Regulatory Risk includes the risk of non-compliance with prevailing regulatory requirements; Legal Risk includes the risk of non-compliance with corporate, taxation and employee legislation in the UK, the US and other appropriate jurisdictions, as may be the case from time to time.



#### C.5.1 Approach to Risk Management

If not properly managed, operational risk can cause significant losses for the Company. It is virtually impossible to eliminate these risks entirely; therefore, the Company aims to limit its operational risk losses to an acceptable risk appetite, recognising the trade-off between the benefits and costs of risk mitigation.

The Company uses a range of techniques to manage this risk as set out below:

- The Company seeks to mitigate operational risks through the application of strong risk governance, processes and controls throughout its business. Individual risk owners are assigned to each key risk and are responsible for ensuring that the control framework in place to mitigate those risks are designed and operating effectively. The risk function is responsible for facilitation and oversight of the risk and control assessment framework, and provides appropriate information and reporting to the relevant oversight committees.
- The Operations Committee has oversight responsibility for operational risk and is supported by the
  Operations Management Group which comprises of representatives from each of the key supporting
  business functions. The risk function provides reporting to the Operations Committee and Operational
  Management Group, including a summary and assessment of key operational risks impacting the
  Company.
- Oversight of compliance with regulatory requirements is provided by the Board with day-to-day
  management responsibility delegated to the Risk & Compliance Committee. The Risk & Compliance
  Committee meets quarterly to receive management information and discharge its delegated oversight
  duties. To support the Board in fulfilling its oversight responsibilities the compliance function monitors
  and reports upon the status of the business in meeting minimum standards expectations and regulatory
  requirements.
- A suite of operational risk indicators is monitored against approved risk to limits quarterly, with any material exceptions or emerging trends reported to the Risk & Compliance Committee. The regulatory capital requirement of the Company also includes an operational risk capital charge.



• The internal audit function is responsible for performing an independent review of the adequacy and effectiveness of the Company's internal controls. The audit function considers the operational risk self-assessment to develop its audit universe and annual risk-based audit plan. In executing the audit plan a feedback loop exists where the recommendations arising from review of the control environment are considered by management and the risk function and, as appropriate, reflected in the risk register. All findings are reported to the Audit Committee.

#### C.5.2 Assessment of Risk

As determined by the Standard Formula, operational risk comprises 6% (2016: 5%) of the undiversified total SCR.

#### C.5.2.1 Material Risk

The Company's operational risk exposure arises primarily from activities required to support the continued business growth and product expansion in competitive market conditions and heightened regulatory conditions. There are a significant number of change initiatives underway to transform the Company's operations and deliver improved operating efficiency and effectiveness, positioning the business to sustainably create value even in competitive trading conditions.

#### C.5.3 Sensitivity of Risk

The level of operational risk retained by the Company is sensitive in particular to the quality and motivation of the talent in place to drive the business and deliver process and systems enhancements over time. The Company reviews and charts its operational risk exposure quarterly by eliciting expert judgments of the operational risk landscape from identified key control and risk owners across the business.



#### C.6 Other material risks

In addition to the risks identified above, a few key risks assessed through the risk registers are outlined below:

- Strategic Risk: Risk includes the risk of missed business opportunities, non-achievement of corporate or Company strategy and impact on competitive positioning and the value of the Company brand. It includes the risks: of making strategic decisions that do not add value; that environmental conditions prevent the strategy from being executed; that distributed leadership does not execute the strategy effectively or consistently; of a diminution of the reputation of the Company; and of having inadequate crisis response management.
- Emerging Risks: Emerging risk is defined as newly developing or changing risks which are difficult to
  quantify and which may have a major impact on the organisation. The Company operates a group wide
  emerging risk identification process which captures and assesses the potential impact and appropriate
  actions necessary to manage emerging risks.
- Group Risk: Risks to the Company arising specifically from being a part of a wider corporate group, including but not limited to the risk of reputational impairment or of loss of support, both financial and operational, from the Group. Group risk is mitigated through the application of strong controls and a consistent risk management framework, including risk limits, across all entities in the Group. This helps mitigate any material impairment to the Group's financial position, brand and reputation.
- Conduct Risk: Conduct risk is defined as the risk that the Company fails to pay appropriate regard to the
  interest of its customers and/or fails to treat them fairly at all times. Conduct risk is managed through
  the application of strong internal controls, compliance policies and procedures, and through the
  monitoring of various conduct risk metrics by the Operations Committee and Risk & Compliance
  Committee.

#### C.7 Other information

There is nothing further to report regarding the risk profile of the Company.



## **D. Valuation for Solvency Purposes**

### **D.1** Assets

### D.1.1 Solvency II valuation for each material class of asset

Amounts in GBP'000				31 Dec 2017
	UK GAAP	Re-classification	Valuation differences	SII basis
Deferred acquisition costs	32,953	-	(32,953)	-
Property, plant and equipment held for own use	2,953	-	-	2,953
Investments (other than assets held for index-linked and unit-linked contracts)	429,072	2,574	-	431,646
Reinsurance recoverables	293,650	(20,458)	(62,857)	210,335
Deposits to cedants	8,915	-	-	8,915
Insurance and intermediaries receivables	75,291	(64,658)	-	10,633
Reinsurance receivables	69,077	(35,785)	-	33,292
Receivables (trade, not insurance)	2,231	-	-	2,231
Cash and cash equivalents	75,395	-	-	75,395
Deferred tax assets	2,885	-	2,934	5,819
Any other assets, not elsewhere shown	22,840	(14,474)	-	8,366
	1,015,262	(132,801)	(92,876)	789,585



Amounts in GBP'000				31 Dec 2016
	UK GAAP	Re-classification	Valuation differences	SII basis
Deferred acquisition costs	28,419	-	(28,419)	-
Property, plant and equipment held for own use	3,413	-	-	3,413
Investments (other than assets held for index-linked and unit-linked contracts)	484,952	2,990	-	487,942
Reinsurance recoverables	219,505*	(52,144)	(29,838)*	137,523
Deposits to cedants	3,850	-	-	3,850
Insurance and intermediaries receivables	71,841	(15,218)	-	56,623
Reinsurance receivables	58,877	(57,693)	-	1,184
Cash and cash equivalents	56,725	-	-	56,725
Deferred tax assets	580	-	759	1,339
Any other assets, not elsewhere shown	18,111	(15,548)	-	2,563
	946,273	(137,613)	(57,498)	751,162

\*In 2017, the calculation of the Intra Group Stop-Loss contract was recalculated using revised accident year splits of incurred loss data. This resulted in the recovery under UK GAAP at 31st December, 2016 reducing by £16.0M and the change in the reinsurers' share of provision for claims reducing by £9.9M for 2016. The accounts have been restated for 2016 and prior in order to reflect the correct Financial Year impact of this adjustment. The adjustment has not been reflected in the Solvency II results because its impact on the Company's solvency position is immaterial.

#### Property, plant and equipment held for own use

Property, plant and equipment is held at fair value.

#### *Investments (other than assets held for index-linked and unit-linked contracts)*

Investments are valued at fair value including accrued interest using the following valuation hierarchy as set out in article 10 of the Delegated Regulation.

• Level 1: Quoted (unadjusted) prices in active markets for identical assets or liabilities, per Article 10(2) of the Delegated Regulation.



- Level 2: Quoted prices for similar assets in markets that are active, quoted prices for identical or similar assets in markets that are not active or inputs that are observable either directly or indirectly, per Article 10(3) of the Delegated Regulation.
- Level 3: Unobservable inputs are used to measure fair value by use of valuation techniques, per Article 10(5) of the Delegated Regulation.

At year-end all financial investments (£432m)were priced using a Level 2 inputs, i.e. pricing service or index provider. The pricing services or index providers may use current market trades for securities with similar quality, maturity and coupon.

#### Deposits to cedants

Deposits with ceding undertakings relate to premiums, profit commissions, claims and/or funds advanced for claims. The receivables are analysed to determine which amount if any are deemed as more than likely to be received in a period greater than one year. Amounts that are deemed as such will be valued on a discounted cash flow basis, where the effect of the discount is material.

#### Insurance and intermediaries receivables, and reinsurance receivables

Receivables include only items past due and recoveries in respect of paid claims. These are fair valued at an amount for which they could be exchanged between knowledgeable willing parties in an arm's length transaction, in accordance with Article 75 of Directive 2009/138/EC.

#### Cash and cash equivalents

Cash and cash equivalents are valued at fair value as reported to the Company by the relevant financial institution at the end of the period, per Article 10(2) of the Delegated Regulation.

There are no significant estimates or judgments used in valuing the cash holdings.

#### *Deferred tax assets*

To the extent that there is a deferred tax asset, this will be recognised as future taxable profits are considered sufficiently probable. This is subject to ongoing review to reflect future profit projections. The deferred tax asset recognized in the current period is not material to the Company's solvency position, all timing differences are expected to reverse within a one-year time horizon based on future forecast profitability.



#### D.1.2 Differences between Solvency II valuation and local GAAP valuation by material class of asset

The Solvency II Balance Sheet is constructed on the basis of discounted cash flows to ultimate. The concept of unearned premium and deferred costs do not therefore exist and thus both the ceded unearned premium reserve and gross deferred acquisition costs are removed from the balance sheet.

#### Property, plant and equipment held for own use

The UK GAAP depreciated historic cost value is materially equivalent with the Solvency II carrying value. Management believe that the nature of the property, plant and equipment (being predominantly office equipment and fixtures and fittings) means these assets are unlikely to appreciate in value, but rather deteriorate throughout use.

#### *Investments (other than assets held for index-linked and unit-linked contracts)*

The valuation according to Solvency II is based on fair value including accrued interest. For UK GAAP, the Company also values investments at fair value, however the accrued interest (£3.0M) is reported separately under other assets.

#### *Deposits to cedants*

Deposits with ceding undertakings are all due in under one year. There are no differences between the Solvency II valuation and the UK GAAP valuation of deposits to cedants.

#### *Insurance and intermediaries receivables, and reinsurance receivables*

Receivables not yet due are reclassified and form part of the technical provisions calculation under Solvency II. For items past due and recoveries in respect of paid claims, the UK GAAP carrying value is materially equivalent to the Solvency II carrying value.

#### Cash and cash equivalents

There are no differences between the Solvency II valuation and the UK GAAP valuation of deposits with cash and cash equivalents.

#### Deferred tax assets

An additional deferred tax asset of £2.9M has been recognised on the Solvency II Economic Balance Sheet compared to UK GAAP for the impacts of technical provisions differences. Based on future profitability projections, it is expected that these timing differences will fully reverse in 2018 and the deferred tax asset has therefore been recognised in full.



## D.1.3 Changes to the recognition and valuation bases used, or on estimations during the reporting period

There have been no changes to the recognition, valuation or estimation methods used during the period.

#### **D.2 Technical provisions**

General insurance business technical provisions for solvency are calculated to reflect values based on bestestimate cash flows, adjusted to reflect the time value of money using a risk-free discount rate term structure, with the addition of a risk margin.

General insurance business (non-life) technical provisions are comprised of the following components:

- Discounted best estimate of i) future cash-flows relating to incepted earned business (claims provisions) and ii) future cash flows relating to incepted unearned business and un-incepted business for which the (re)insurer is 'legally obliged' as at the valuation date.
- Discounted best estimate of loss and loss expense cash-flows relating to both earned and unearned business and both gross business and outwards reinsurance. This includes allowance for very low probability extreme events referred to as ENIDs ("Events not in Data") and for all expenses incurred in running-off the existing business (assuming a going-concern), including a share of the relevant overhead expenses.
- Risk margin calculated using a cost of capital approach. This approach requires the risk margin to be
  calculated by determining the cost of providing an amount of eligible own funds equal to the SCR
  necessary to support the current obligations over their lifetime.



### D.2.1 Technical provisions analysed by each material line of business

Amounts in GBP'000				31	Dec 2017
	Gross best estimate	Risk margin	Gross total	Reinsurance	Net total
Fire and other damage to property insurance	89,540	1,261	90,801	58,583	32,218
General liability insurance	99,207	3,742	102,949	52,190	50,759
Marine, aviation and transport insurance	35,894	1,284	37,178	31,636	5,542
Non-prop. marine, aviation and transport reinsurance	18,784	170	18,954	17,781	1,173
Non-proportional casualty reinsurance	33,674	24,978	58,652	12,358	46,294
Non-proportional property reinsurance	34,909	1,046	35,955	19,620	16,335
Other	20,323	1,274	21,597	18,166	3,431
	332,331	33,755	366,086	210,334	155,752

Amounts in GBP'000				31	Dec 2016
	Gross best estimate	Risk margin	Gross total	Reinsurance	Net total
Fire and other damage to property insurance	56,168	438	56,606	28,059	28,547
General liability insurance	56,529	1,886	58,415	36,733	21,682
Marine, aviation and transport insurance	82,026	1,657	83,683	43,191	40,492
Non-prop. marine, aviation and transport reinsurance	18,682	246	18,928	14,546	4,382
Non-proportional casualty reinsurance	42,917	9,116	52,033	9,003	43,030
Non-proportional property reinsurance	28,735	715	29,450	3,524	25,926
Other	12,189	797	12,986	2,467	10,519
	297,246	14,855	312,101	137,523	174,578



#### Description of bases, methods and main assumptions used

#### Best Estimate Liabilities

The projection of both Solvency II best estimate liabilities and UK GAAP booked reserves utilizes paid and reported loss data, segmented into homogeneous risk groups. The main projection methods used include the loss development, Bornhuetter-Fergusson (which is a Bayesian estimation approach), Benktander (a blend of the loss development and BF methods), and the Initial Expected Loss method. The selected ultimate loss may be based on one particular method, or a weighting between several methods and professional judgment. For recent catastrophe events and some specified large losses, incurred but not reported ("IBNR") will be based upon qualitative information and recommendations from the claims department and the business units.

Where applicable, reinsurance recoveries on the gross IBNR are estimated based on the Company's reinsurance program. The Company's reinsurance recoverables include amounts from both third party and intra-group reinsurance and proportional and non-proportional reinsurance arrangements.

#### Risk Margin

A simplified method is used to calculate the risk margin. The overall approach is to calculate the expected unearned premium and loss provisions to be held at each future year end based on current held provisions and assumed payment pattern and then apply a factor based on output from the Standard Formula SCR to these amounts. An assumed 6% cost of capital is applied to the indicated capital by year and discounted back to the valuation date using yield curves specified by EIOPA. During 2017, we enhanced the calculation of the risk margin by slowing down the run-off of the capital to better reflect the greater risk of variability in tail payments. The run-off of the capital is now based on the "square root rule" (i.e. square root of the run-off of the technical provisions), which better captures the need for more capital in the tail due to a reduction in diversification and that as reserves mature over time, although the amount of reserves decrease, the volatility surrounding this reduced amount typically increases. The enhancement to the risk margin calculation has resulted in approximately £12.5m increase (56% increase) in the risk margin at 31 December 2017. In other words, the 31 December 2017 risk margin would be £12.5m lower if it had been calculated using the methodology employed at 31 December 2016.



#### Assumptions and Parameters

The key parameters and assumptions used in estimation of technical provisions are listed below. These assumptions and parameters are set by Reserving, Capital Modelling, Finance and Financial Planning and Analysis personnel.

- *Initial Expected Loss Ratios (IELRs)*. The IELRs are selected based on consideration of plan loss ratios, historical experience adjusted for rate change and loss trend, industry and peer company experience, and pricing loss ratios.
- Paid and reported loss development factors (LDFs). The LDFs are generally based on reserve group specific loss development (where historical data volumes allow), development patterns based on business written elsewhere in the Group, account specific information (where a few large contracts comprise a large proportion of the reserve group in question), and industry benchmarks. The same claims payment patterns is applied to both gross and ceded losses. This is deemed as reasonable given that the majority of outwards (including intercompany) reinsurance is on a quota share basis.
- *Premium payment patterns*. These are generally based on industry benchmarks. Similar to claims, the gross and ceded premium payment patterns are assumed to be the same.
- Events Not In Data (ENID). ENID loadings are derived using the Company's Economic Capital Model ("ECM") and are selected based on consideration of truncated reserve risk and underwriting risk distributions. The overall implied ENID loading as a percent of the UK GAAP technical provisions are assessed for reasonableness against industry averages.
- Expenses. All expenses that would be incurred in running-off the existing business must be accounted for in the SII technical provisions. The expenses included are unallocated loss adjustment expense (ULAE), investment, and general and administrative expenses. Other than ULAE, the expense assumptions are provided by the Finance team.
- *Un-incepted / Legally obliged business*. For gross business, this assumption is based on contract listing whereby contracts due to incept after the valuation date but bound before the valuation date are classified as legally obliged and included in the SII technical provisions. For the 31 December 2017 SII technical provisions, all policies incepting on 1st January, 2018 are considered to be legally obliged, irrespective of bound date.
- Bad debt on reinsurance recoveries / counterparty default. This provision is based on an assumed default and recovery rate. The default rate is applied annually and increases for each payment year; it is therefore higher for longer tail lines.
- *Discount rates.* All future claims and premiums are discounted using currency specific yield curves provided by EIOPA. Where yield curves for a given currency are not available, GBP is used; instances where this is the case are deemed to be immaterial.



#### D.2.2 Uncertainty associated with the value of technical provisions

While the estimation of the technical provisions reflect all available information and data as at the valuation date, the ultimate settlement value of claims may deviate, in some cases materially, from the estimated amounts.

#### General uncertainty

Key areas of uncertainty include:

- 1. Deviation of ultimate claim settlement cost from expectations. The actual final cost of settling both claims outstanding as at 31 December 2017 and claims expected to arise from unexpired periods of risk is uncertain. There is a range of possible outcomes, and the eventual outcome will almost certainly differ from any particular estimate made. Technical provisions can only be estimates of future liabilities, and accordingly are subject to uncertainty.
- 2. *UK Motor (2009 through 2013 business)*. The Lord Chancellor reduced the discount rate used for lump sum settlements from 2.5% to negative 0.75%. This reduction could materially increase losses to excess layers. While our UK Motor excess of loss reinsurance book is impacted by changes to the Ogden discount rate, the potential impact of the discount rate decrease is partly mitigated by likely substantial reductions in PPO propensities and that much of the costs involved in lump sum settlements are not subject to the Ogden table. Additionally, potential conservatism in our pre-Ogden rate change loss reserves and the protection provided by the intercompany stop loss with ESIL also help to mitigate the impact of the Ogden rate change. In September 2017, the UK government proposed a bill that would increase the Ogden rate to between 0 and 1 percent, but the bill has yet to be approved. We will continue to review as this develops.
- 3. *Rates, terms and conditions*. The softening in insurance rates, terms, & conditions starting in 2014 adds an additional element of uncertainty when selecting initial and ultimate loss ratios.
- 4. *New classes of business*. As the Company continues to build out its insurance operations, new classes of business (e.g. Aviation and Political Risk) have been added to the Company's portfolio. While experienced and talented underwriting teams have been hired to lead these strategic growth initiatives, the lack of historical experience for these new classes adds an additional element of uncertainty to the reserve estimation process. This risk is mitigated by the significant purchases of reinsurance.
- 5. *Incepted Unearned and Un-incepted Exposures*. The technical provisions include an allowance for incepted unearned and un-incepted exposures. The significant reliance on the initial IELRs in the estimation of the liabilities for these exposures further increases the uncertainty of these estimates.

The largest source of uncertainty arises in determining the best estimate provisions themselves; uncertainty associated with the additional requirements of the Solvency II basis is then secondary. A recent stress test exercise allowing for more pessimistic, albeit still realistic, reserving assumptions (increasing the percentage unreported by a factor of 1.1 and increasing the reserving IELR's by a factor of 1.1) indicated that the net reserve deterioration in this scenario would be around 4%.



# $D.2.3\ Differences\ between\ Solvency\ II\ valuation\ and\ local\ GAAP\ valuation\ of\ Technical\ Provisions\ analysed\ by\ each\ material\ line\ of\ business$

Amounts in GBP'000				31 Dec 2017
Gross	UK GAAP (net of DAC)	Solvency II differences	Risk margin	Solvency II basis
Fire and other damage to property insurance	116,481	(26,941)	1,261	90,801
General liability insurance	118,392	(19,185)	3,742	102,949
Marine, aviation and transport insurance	61,376	(25,482)	1,284	37,178
Non-prop. marine, aviation and transport reinsurance	21,104	(2,320)	170	18,954
Non-proportional casualty reinsurance	61,081	(27,407)	24,978	58,652
Non-proportional property reinsurance	44,595	(9,686)	1,046	35,955
Other	58,486	(38,163)	1,274	21,597
	481,515	(149,184)	33,755	366,086



Amounts in GBP'000				31 Dec 2016
Gross	UK GAAP (net of DAC)	Solvency II differences	Risk margin	Solvency II basis
Fire and other damage to property insurance	78,297	(22,129)	438	56,606
General liability insurance	85,542	(29,013)	1,886	58,415
Marine, aviation and transport insurance	93,228	(11,202)	1,657	83,683
Non-prop. marine, aviation and transport reinsurance	21,343	(2,661)	246	18,928
Non-proportional casualty reinsurance	53,769	(10,852)	9,116	52,033
Non-proportional property reinsurance	36,853	(8,118)	715	29,450
Other	25,442	(13,255)	797	12,986
	394,476	(97,230)	14,855	312,101



Amounts in GBP'000	31 Dec 2017	31 Dec 2016 Restated UK GAAP
Net	Total	Total
UK GAAP technical provisions (net of DAC)	203,174	182,823
UK GAAP PYA*	-	(16,048)*
Removal of margin	-	(4,055)
Reinsurance bad debt	1,193	1,508
Profit from UPR	(46,918)	(19,783)
Profit from Un-incepted	(16,436)	4,447
Incepted future premium (net of acquisition costs)	(25,727)	3,808
ENID loadings	2,521	4,028
Additional expenses	19,160	11,432
Discounting	(14,970)	(8,438)
Risk Margin	33,755	14,856
Solvency II technical provisions	155,752	174,578

<sup>\*2016</sup> provisions under UK GAAP have been restated to reflect the correct financial year impact of a recalculated Intra Group Stop-Loss contract. The adjustment has not been reflected in the Solvency II results because its impact on technical provisions under Solvency II is immaterial.

Net Solvency II technical provisions at 31 December 2017 are 76.7% (2016: 104.7%) of net UK GAAP provisions. The differences between GAAP and SII basis technical provisions are discussed further below. The largest drivers of the reduction in the 31 December 2018 technical provisions, from GAAP basis to SII basis, are the profit from Unearned Premium Reserve, profit from un-incepted business, and the incepted future premiums net of acquisition costs, which reduce the GAAP technical provisions by 23%, 8%, and 13%, respectively. These reductions are offset by additional expenses and the risk margin required under SII.



#### UK GAAP to Solvency II Technical Provisions Differences

The methods and assumptions used in the valuation of technical provisions under Solvency II are broadly consistent with the methods and assumptions used under UK GAAP. The transition from UK GAAP to SII technical provisions consists of the following differences:

- Removal of margin (2016). The SII technical provisions are intended to reflect a best estimate and as such any margin of prudence in the UK GAAP technical provisions must be removed. Margin by class of business and accident year is determined by a separate actuarial analysis and deducted from the booked gross and net IBNR.
- Reinsurance bad debt. An allowance for counterparty default, as it relates to outwards reinsurance recoveries.
- *Profit from Unearned Premium Reserve (net of DAC)*. The SII balance sheet is based on discounted cash flows to ultimate; the concept of UPR / accrual accounting does not exist. Under SII, the UPR (net of DAC) is eliminated and it's replaced by the expected profit on the unearned premium.
- *Profit from Un-incepted*. This adjustment reflects the expected profit on un-incepted / legally obliged business included in the SII TPs.
- *Incepted future premiums*. Future premiums due to/from incepted business which includes the cost of future reinsurance purchased for in-force gross business.
- *ENID Loadings*. An allowance for low probability extreme events not included under UK GAAP.
- *Additional Expenses*. Future expenses related to the run-off of the technical provisions as of the valuation date. The expenses include ULAE, investment and general & administrative expenses.
- *Discounting*. The SII technical provisions are produced on a discounted cash flow basis. This amount reflects the benefit of discounting the SII technical provisions.
- *Risk Margin*. An allowance for the amount insurance and reinsurance undertakings would be expected to require in order to take over and meet the insurance and reinsurance obligations.

#### D.2.4 Recoverables from reinsurance contracts and Special Purpose Vehicles (SPVs)

A description of the Company's intercompany outward reinsurance programs is included in Section B of this report. The Company's third party reinsurance programs are listed below.

- Whole account quota share for insurance business
- Quota share reinsurance for insurance professional lines
- Quota share reinsurance for inward reinsurance specialty business
- Various excess of loss reinsurance programs for a number of insurance classes



- 100% retroactive reinsurance for marine and energy inward reinsurance business from underwriting year 2008 & prior
- Group casualty clash excess of loss reinsurance
- Group catastrophe reinsurance protection

The company does not have any third party reinsurance protection from SPVs.

#### **D.2.5** Confirmations

- The matching adjustment referred to in Article 77b of Directive 2009/138/EC is not used in the calculation of technical provisions.
- The volatility adjustment referred to in Article 77d of Directive 2009/138/EC is not used in the calculation of technical provisions.
- The transitional risk-free interest rate-term structure referred to Article 308c of Directive 2009/138/EC is not applied in the calculation of technical provisions.
- The transitional deduction referred to in Article 308d of Directive 2009/138/EC is not applied in the calculation of technical provisions.

#### D.3 Other liabilities

#### D.3.1 Solvency II valuation for each material class of liabilities

Amounts in GBP'000			Valuation	31 Dec 2017
	UK GAAP	Re-classification	differences	SII basis
Technical provisions	514,469	(68,016)	(80,367)	366,086
Deposits from reinsurers	-	460	-	460
Deferred tax liabilities	682	-	-	682
Insurance and intermediaries payables	50,850	(47,812)	-	3,038
Reinsurance payables	42,596	9,558	-	52,154
Payables (trade, not insurance)	4,854	218	-	5,072
Any other liabilities, not elsewhere shown	29,987	(27,209)	-	2,778
	643,438	(132,801)	(80,367)	430,270



Amounts in GBP'000	UK GAAP		Valuation	31 Dec 2016
	Restated*	Re-classification	differences	SII basis
Technical provisions	422,393	(39,982)	(70,310)	312,101
Insurance and intermediaries payables	53,946	(47,191)	-	6,755
Reinsurance payables	29,528	(29,528)	-	-
Payables (trade, not insurance)	9,914*	129	3,209*	13,252
Any other liabilities, not elsewhere shown	24,458	(21,041)	-	3,417
	540,239	(137,613)	(67,101)	335,525

\*In 2017, the calculation of the Intra Group Stop-Loss contract was recalculated using revised accident year splits of incurred loss data. This resulted in the recovery at 31st December, 2016 reducing by £16.0M and the change in the reinsurers' share of provision for claims reducing by £9.9M for 2016. The accounts have been restated for 2016 and prior in order to reflect the correct Financial Year impact of this adjustment, including the tax impact of £3.2m. The adjustment has not been reflected in the Solvency II results because its impact on results under Solvency II is immaterial.

Liabilities other than technical provisions are valued at the amount for which they could be transferred, or settled, between knowledgeable willing parties in an arm's length transaction, in accordance with Article 75 of Directive 2009/138/EC; no adjustment is made to take account of the own credit standing of the Company. There are no significant estimates or judgments used in valuing other liabilities.

#### *Insurance and intermediaries payables, reinsurance payables, payables (trade, not insurance)*

Payables represents amounts past due to (re)insurers and intermediaries under current (re)insurance contracts, and other general payables. The amounts payable include premiums, underwriting expenses, fees, taxes and profit commissions.

#### Any other liabilities, not elsewhere shown

Any other liabilities, not elsewhere shown includes accrued operating expenses and accrued interest expenses.



## D.3.2 Differences between Solvency II valuation and local GAAP valuation by material class of liabilities other than technical provisions

#### *Insurance and intermediaries payables, reinsurance payables, payables (trade, not insurance)*

Payables not yet due are reclassified and form part of the technical provisions calculation under Solvency II. There are no material differences between the Solvency II valuation and the UK GAAP valuation of payables.

#### Any other liabilities, not elsewhere shown

The Solvency II Balance Sheet is constructed on the basis of discounted cash flows to ultimate. The concept of deferred costs do not therefore exist and thus ceded deferred acquisition costs are removed from the balance sheet. There are no material differences between the Solvency II valuation and the UK GAAP valuation of accrued expenses.

## D.3.3 Changes to the recognition and valuation bases used, or on estimations during the reporting period

There have been no changes to the recognition, valuation or estimation methods used during the period.

#### D.4 Alternative methods for valuation

There are no alternative methods of valuation used by the Company to value assets or liabilities.

#### D.5 Any other information

There is nothing further to report regarding information on the valuation of the Company's assets and liabilities for solvency purposes.



## E. Capital Management

## E.1 Own funds

Objectives when managing capital are:

- to comply with the insurance capital requirements required by the regulator, the Prudential Regulatory Authority (PRA) as well as capital adequacy requirements of the European Union Solvency II regime;
- to safeguard the Company's ability to continue as a going concern so that it can maintain policyholder protection;
- to identify, quantify, monitor and control the risk profile with respect to the defined risk appetite and target level of capital;
- to obtain and retain the ratings necessary to trade with its preferred policyholder base; and
- to deploy capital on opportunities to underwrite business profitably

Own funds are monitored quarterly by the Company's Risk & Compliance Committee against the latest capital requirements, as well as modelled over the Company's three year business planning horizon.

## E.1.1 Own funds classified by tiers

Amounts in GBP'000	31 Dec 2017	31 Dec 2016	Movement
Tier 1	354,178	414,298	(60,120)
Tier 2	-	-	-
Tier 3	5,137	1,339	3,798
	359,315	415,637	(56,322)

Tier 1 own funds consists of ordinary share capital and share premium account relating to ordinary share capital of £216.0M and £162.0M respectively (2016: £216.0M and £162.0M), and a reconciliation reserve of £(23.8M) (2016: £36.3M). These basic own fund items are immediately available to absorb losses and have no duration restrictions. The reconciliation reserve consists of excess of assets over liabilities, after the deduction of basic own funds items.



Tier 3 own funds consists of an amount equal to the value of net deferred tax assets.

All Tier 1 own funds are eligible to cover the Minimum Capital Requirement and all own funds are eligible to cover the Solvency Capital Requirement.

The Company has no basic own-fund items that are subject to the transitional arrangements referred to in Article 308b(9) and (10) of Directive 2009/138/EC.

## E.1.2 Difference between equity as shown in the financial statements and the Solvency II value excess of assets over liabilities

Amounts in GBP'000	31 Dec 2017	31 Dec 2016	Movement
Net assets under UK GAAP	371,824	418,873*	(47,049)
Valuation differences on technical provisions under Solvency II	(15,443)	(3,995)	(11,448)
Valuation difference on deferred tax asset	2,934	759	2,175
Excess of assets over liabilities under Solvency II	359,315	415,637	(56,322)

<sup>\*2016</sup> results under UK GAAP have been restated to reflect the correct financial year impact of a recalculated Intra Group Stop-Loss contract. The adjustment has not been reflected in the UK GAAP net assets above because its impact on excess of assets over liabilities under Solvency II is immaterial.

Valuation differences on technical provisions under Solvency II includes:

- the impact of the revaluation of the UK GAAP premium receivables, UPR, loss and loss expense provisions and related items to reflect values based on best-estimate cash flows, adjusted to reflect the time value of money using a risk-free discount rate term structure; and
- General Business Risk margins: revaluations under the cost of capital approach for the impact of the uncertainty associated with the probability-weighted cash flows or the compensation the Company needs in order to bear the risk of holding additional funds to meet cash flows.

The deferred tax asset valuation difference is due to the tax impact of the above technical provisions differences.



## E.2 Solvency Capital Requirement and Minimum Capital Requirement

The Company applies the Standard Formula, without modification for undertaking specific parameters. The Company has used the simplification described in article 111 of the Delegated Regulation in the calculation of the risk mitigating effect for Counterparty default risk as the most pragmatic approach given general data availability.

The final amounts remain subject to supervisory assessment. The Company has not received any imposed capital add-ons or imposed undertaking specific parameters.

Amounts in GBP'000	31 Dec 2017	31 Dec 2016	Movement
Non-life underwriting risk	52,197	53,235	(1,038)
Health underwriting risk	99	107	(8)
Market risk	86,032	111,962	(25,930)
Counterparty default risk	22,821	18,809	4,012
Operational risk	9,969	8,917	1,052
Total diversification benefit	(38,387)	(40,014)	1,627
Loss absorbing capacity of deferred taxes	-	(4,940)	4,940
Solvency Capital Requirement	132,730	148,076	(15,346)
Minimum Capital Requirement	33,183	37,019	(3,836)

The Minimum Capital Requirement is calculated in accordance with chapter VII of the Delegated Regulation. The final amount is derived from a formula consisting of:

- a linear calculation that uses the Company's net written premiums and best estimate technical provisions as data inputs;
- the linear calculation's relation to the Solvency Capital Requirement; and
- an absolute floor as described in Article 129(1)(d) of Directive 2009/138/EC and in Article 253 of the Delegated Regulation.



Following the calculations specified in the Delegated Regulation, the calculation of the Company's linear Minimum Capital Requirement is less than 0.25 times the Solvency Capital Requirement and so the Minimum Capital Requirement is equal to 0.25 times the Solvency Capital Requirement.

## E.2.1 Material change to the SCR and to the MCR over the reporting period, and the reasons for any such change

Both the Solvency Capital Requirement and the Minimum Capital Requirement have decreased by approximately 10% during the reporting period. The Solvency Capital Requirement movement being predominantly driven by the Market Risk module which accounts for 50% of the undiversified required amount.

The Market Risk charge is driven in majority by the currency risk sub module since the Company has a GBP functional currency but holds a significant capital surplus in USD. There have also been decreases in the interest rate risk and spread risk charges arising from the reduction of the investment portfolio of the Company.

# E.3 Use of the duration-based equity risk sub-module in the calculation of the Solvency Capital Requirement

Not applicable.

## E.4 Differences between the Standard Formula and any internal model used

Not applicable.

# E.5 Non-compliance with the Minimum Capital Requirement and non-compliance with the Solvency Capital Requirement

The Company has complied continuously with both the Minimum Capital Requirement and Solvency Capital Requirement throughout the reporting period.

## E.6 Any other information

There is nothing further to report regarding information on capital management.



# Approval by the Board of Directors of the Solvency and Financial Condition Report

Financial year ended 31 December 2017

The Directors are responsible for preparing the Solvency and Financial Condition Report in accordance with applicable law and regulations. The Reporting Part of the PRA Rulebook for Solvency II firms requires the Company to have in place a policy of ensuring the ongoing appropriateness of any information disclosed and to ensure that its SFCR is approved by the directors.

## We certify that:

1. the Solvency and Financial Condition Report ("SFCR") has been properly prepared in all material respects in accordance with the PRA rules and Solvency II Regulations; and

## 2. we are satisfied that:

- a. throughout the financial year in question, the insurer has complied in all material respects with the requirements of the PRA rules and Solvency II Regulations as applicable to the insurer; and
- b. it is reasonable to believe that, at the date of the publication of the SFCR, the insurer has continued so to comply, and will continue so to comply in future.

P Rooke

Director and Chief Financial Officer

4 May 2018



# Report of the external independent auditor to the Directors of Endurance Worldwide Insurance Limited ('the Company') pursuant to Rule 4.1(2) of the External Audit Part of the PRA Rulebook applicable to Solvency II firms

## Report on the Audit of the relevant elements of the Solvency and Financial Condition Report

## **Opinion**

Except as stated below, we have audited the following documents prepared by the Company as at 31 December 2017:

- The 'Valuation for Solvency Purposes' and 'Capital Management' sections of the Solvency and Financial Condition Report of the Company as at 31 December 2017, ('the Narrative Disclosures subject to audit'); and
- Company templates S.02.01.02, S.17.01.02, S.23.01.01, S.25.01.21 and S.28.01.01 ('the Templates subject to audit').

The Narrative Disclosures subject to audit and the Templates subject to audit are collectively referred to as the 'relevant elements of the Solvency and Financial Condition Report'.

We are not required to audit, nor have we audited, and as a consequence do not express an opinion on the Other Information which comprises:

- The 'Business and Performance', 'System of Governance' and 'Risk Profile' elements of the Solvency and Financial Condition Report;
- Company templates S.05.01.02, S.05.02.01 and S.19.01.21; and
- The written acknowledgement by management of their responsibilities, including for the preparation of the solvency and financial condition report ('the Responsibility Statement').

To the extent the information subject to audit in the relevant elements of the Solvency and Financial Condition Report includes amounts that are totals, sub-totals or calculations derived from the Other Information, we have relied without verification on the Other Information.

In our opinion, the information subject to audit in the relevant elements of the Solvency and Financial Condition Report of Endurance Worldwide Insurance Limited as at 31 December 2017 is prepared, in all material respects, in accordance with the financial reporting provisions of the PRA Rules and Solvency II regulations on which they are based.

## **Basis for opinion**

We conducted our audit in accordance with International Standards on Auditing (UK) (ISAs (UK)), including ISA (UK) 800 and ISA (UK) 805. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the relevant elements of the Solvency and Financial Condition Report* section of our report. We are independent of the Company in accordance with the ethical requirements that are relevant to our audit of the Solvency and Financial Condition Report in the UK, including the FRC's Ethical Standard as applied to public interest entities, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.



## Conclusions relating to going concern

We have nothing to report in respect of the following matters in relation to which the ISAs (UK) require us to report to you where:

- the Directors' use of the going concern basis of accounting in the preparation of the Solvency and Financial Condition Report is not appropriate; or
- the Directors have not disclosed in the Solvency and Financial Condition Report any identified material uncertainties that may cast significant doubt about the Company's ability to continue to adopt the going concern basis of accounting for a period of at least twelve months from the date when the Solvency and Financial Condition Report is authorised for issue.

## Emphasis of Matter - Basis of Accounting & Restriction on Use

We draw attention to the 'Valuation for Solvency Purposes', 'Capital Management' and other relevant disclosures sections of the Solvency and Financial Condition Report, which describe the basis of accounting. The Solvency and Financial Condition Report is prepared in compliance with the financial reporting provisions of the PRA Rules and Solvency II regulations on which they are based, and therefore in accordance with a special purpose financial reporting framework. As a result, the Solvency and Financial Condition Report may not be suitable for another purpose. The Solvency and Financial Condition Report is required to be published, and intended users include but are not limited to the Prudential Regulation Authority.

This report is made solely to the Directors of the Company in accordance with Rule 2.1 of the External Audit Part of the PRA Rulebook for Solvency II firms. Our work has been undertaken so that we might report to the Directors those matters that we have agreed to state to them in this report and for no other purpose.

Our opinion is not modified in respect of these matters.

## **Other Information**

The Directors are responsible for the Other Information. Our opinion on the relevant elements of the Solvency and Financial Condition Report does not cover the Other Information and, we do not express an audit opinion or any form of assurance conclusion thereon.

In connection with our audit of the Solvency and Financial Condition Report, our responsibility is to read the Other Information and, in doing so, consider whether the Other Information is materially inconsistent with the relevant elements of the Solvency and Financial Condition Report, or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether there is a material misstatement in the relevant elements of the Solvency and Financial Condition Report or a material misstatement of the Other Information. If, based on the work we have performed, we conclude that there is a material misstatement of this Other Information, we are required to report that fact. We have nothing to report in this regard.

## Responsibilities of Directors for the Solvency and Financial Condition Report

The Directors are responsible for the preparation of the Solvency and Financial Condition Report in accordance with the financial reporting provisions of the PRA rules and Solvency II regulations on which they are based.

The Directors are also responsible for such internal control as they determine is necessary to enable the preparation of a Solvency and Financial Condition Report that is free from material misstatement, whether due to fraud or error.



# Auditor's Responsibilities for the Audit of the relevant elements of the Solvency and Financial Condition Report

It is our responsibility to form an independent opinion as to whether the relevant elements of the Solvency and Financial Condition Report are prepared, in all material respects, with financial reporting provisions of the PRA Rules and Solvency II regulations on which they are based.

Our objectives are to obtain reasonable assurance about whether the relevant elements of the Solvency and Financial Condition Report are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but it is not a guarantee that an audit conducted in accordance with ISAs (UK) will always detect a material misstatement when it exists.

Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the decision making or the judgement of the users taken on the basis of the Solvency and Financial Condition Report.

A further description of our responsibilities for the audit of the financial statements is located on the Financial Reporting Council's website at: <a href="https://www.frc.org.uk/Our-Work/Audit-and-Actuarial-Regulation/Audit-and-assurance/Standards-and-guidance/Standards-and-guidance-for-auditors/Auditors-responsibilities-for-audit/Description-of-auditors-responsibilities-for-audit.aspx.">https://www.frc.org.uk/Our-Work/Audit-and-Actuarial-Regulation/Audit-and-assurance/Standards-and-guidance-for-auditors/Auditors-responsibilities-for-audit/Description-of-auditors-responsibilities-for-audit.aspx.</a> The same responsibilities apply to the audit of the Solvency and Financial Condition Report.

## Report on Other Legal and Regulatory Requirements

In accordance with Rule 4.1(3) of the External Audit Part of the PRA Rulebook for Solvency II firms we are required to consider whether the Other Information is materially inconsistent with our knowledge obtained in the audit of Endurance Worldwide Insurance Limited's statutory financial statements. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Ernst & Young LUP

London 4 May 2018

The maintenance and integrity of Endurance Worldwide Insurance Limited's (or any affiliated company's) website is the responsibility of the Directors; the work carried out by the auditors does not involve consideration of these matters and, accordingly, the auditors accept no responsibility for any changes that may have occurred to the Solvency and Financial Condition Report since it was initially presented on the website.



## **Appendix 1 - Quantitative reporting templates**

The templates are provided as an appendix to this document. The Company is required to disclose the following templates as set out in the Commission Implementing Regulation (EU) 2015/2452 of 2 December 2015 laying down implementing technical standards with regard to the procedures, formats and templates of the solvency and financial condition report in accordance with Directive 2009/138/EC of the European Parliament and of the Council.

Template code	Template name
S.02.01.02	Balance sheet
S.05.01.02	Premiums, claims and expenses
S.05.02.01	Premiums, claims and expenses by country
S.17.01.02	Non-life technical provisions
S.19.01.21	Non-life insurance claims
S.23.01.01	Own funds
S.25.01.21	Solvency Capital Requirement – for undertakings on Standard Formula
S.28.01.01	Minimum Capital Requirement – Only life or only non-life insurance or reinsurance activity



# Endurance Worldwide Insurance Ltd

Solvency and Financial Condition Report

**Disclosures** 

31 December

2017

(Monetary amounts in GBP thousands)

## General information

Undertaking name
Undertaking identification code

Type of code of undertaking

Type of undertaking

Country of authorisation

Language of reporting

Reporting reference date

Currency used for reporting

Accounting standards

Method of Calculation of the SCR

Matching adjustment

Volatility adjustment

Transitional measure on the risk-free interest rate

Transitional measure on technical provisions

Endurance Worldwide Insurance Ltd	
549300R308B2LY4WM705	
LEI	
Non-life undertakings	
GB	
en	
31 December 2017	
GBP	
Local GAAP	
Standard formula	
No use of matching adjustment	
No use of volatility adjustment	
No use of transitional measure on the risk-free interest rate	
No use of transitional measure on technical provisions	

### List of reported templates

S.02.01.02 - Balance sheet

S.05.01.02 - Premiums, claims and expenses by line of business

S.05.02.01 - Premiums, claims and expenses by country

S.17.01.02 - Non-Life Technical Provisions

S.19.01.21 - Non-Life insurance claims

S.23.01.01 - Own Funds

S.25.01.21 - Solvency Capital Requirement - for undertakings on Standard Formula

S.28.01.01 - Minimum Capital Requirement - Only life or only non-life insurance or reinsurance activity

## S.02.01.02

## **Balance sheet**

		value
	Assets	C0010
R0030	Intangible assets	
R0040	Deferred tax assets	5,819
R0050	Pension benefit surplus	
R0060	Property, plant & equipment held for own use	2,953
R0070	Investments (other than assets held for index-linked and unit-linked contracts)	431,646
R0080	Property (other than for own use)	0
R0090	Holdings in related undertakings, including participations	0
R0100	Equities	0
R0110	Equities - listed	
R0120	Equities - unlisted	
R0130	Bonds	431,646
R0140	Government Bonds	143,207
R0150	Corporate Bonds	149,777
R0160	Structured notes	0
R0170	Collateralised securities	138,662
R0180	Collective Investments Undertakings	0
R0190	Derivatives	
R0200	Deposits other than cash equivalents	0
R0210	Other investments	0
R0220	Assets held for index-linked and unit-linked contracts	
R0230	Loans and mortgages	0
R0240	Loans on policies	0
R0250	Loans and mortgages to individuals	
R0260	Other loans and mortgages	
R0270	Reinsurance recoverables from:	210,335
R0280	Non-life and health similar to non-life	210,335
R0290	Non-life excluding health	210,313
R0300	Health similar to non-life	22
R0310	Life and health similar to life, excluding index-linked and unit-linked	0
R0320	Health similar to life	
R0330	Life excluding health and index-linked and unit-linked	
R0340	Life index-linked and unit-linked	
R0350	Deposits to cedants	8,915
R0360	Insurance and intermediaries receivables	10,633
R0370	Reinsurance receivables	33,292
R0380	Receivables (trade, not insurance)	2,231
R0390	Own shares (held directly)	0
R0400	Amounts due in respect of own fund items or initial fund called up but not yet paid in	0
R0410	Cash and cash equivalents	75,395
R0420	Any other assets, not elsewhere shown	8,366
R0500	Total assets	789,585

Solvency II

## S.02.01.02

## **Balance sheet**

		Solvency II value
	Liabilities	C0010
R0510	Technical provisions - non-life	366,086
R0520	Technical provisions - non-life (excluding health)	366,064
R0530	TP calculated as a whole	0
R0540	Best Estimate	332,309
R0550	Risk margin	33,755
R0560	Technical provisions - health (similar to non-life)	22
R0570	TP calculated as a whole	0
R0580	Best Estimate	22
R0590	Risk margin	0
R0600	Technical provisions - life (excluding index-linked and unit-linked)	0
R0610	Technical provisions - health (similar to life)	0
R0620	TP calculated as a whole	
R0630	Best Estimate	
R0640	Risk margin	
R0650	Technical provisions - life (excluding health and index-linked and unit-linked)	0
R0660	TP calculated as a whole	
R0670	Best Estimate	
R0680	Risk margin	
R0690	Technical provisions - index-linked and unit-linked	0
R0700	TP calculated as a whole	
R0710	Best Estimate	
R0720	Risk margin	
R0740	Contingent liabilities	0
R0750	Provisions other than technical provisions	
R0760	Pension benefit obligations	
R0770	Deposits from reinsurers	460
R0780	Deferred tax liabilities	682
R0790	Derivatives	
R0800	Debts owed to credit institutions	
R0810	Financial liabilities other than debts owed to credit institutions	
R0820	Insurance & intermediaries payables	3,038
R0830	Reinsurance payables	52,155
R0840	Payables (trade, not insurance)	5,072
R0850	Subordinated liabilities	0
R0860	Subordinated liabilities not in BOF	
R0870	Subordinated liabilities in BOF	0
R0880	Any other liabilities, not elsewhere shown	2,778
R0900	Total liabilities	430,270
		133,270
R1000	Excess of assets over liabilities	359,316

S.05.01.02 Premiums, claims and expenses by line of business

#### Non-life

	Line of Business for: non-life insurance and reinsurance obligations (direct business and accepted proportional reinsurance)												Line of business for: accepted non-proportional reinsurance				
	Medical expense insurance	Income protection insurance	Workers' compensation insurance	Motor vehicle liability insurance	Other motor insurance	Marine, aviation and transport insurance	Fire and other damage to property insurance	General liability insurance	Credit and suretyship insurance	Legal expenses insurance	Assistance	Misc. financial loss	Health	Casualty	Marine, aviation and transport	Property	Total
	C0010	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0120	C0130	C0140	C0150	C0160	C0200
Premiums written																	
R0110 Gross - Direct Business						11,148	31,369	50,402	30,891								123,809
R0120 Gross - Proportional reinsurance accepted						32,013	30,989	17,995	24,507								105,505
R0130 Gross - Non-proportional reinsurance accepted													0	8,898	5,653	25,678	40,229
R0140 Reinsurers' share						30,921	45,509	46,117	40,945				0	4,305	4,716	21,159	193,673
R0200 Net				0		12,240	16,849	22,280	14,452				0	4,593	937	4,519	75,870
Premiums earned																	
R0210 Gross - Direct Business						10,735	31,137	47,045	4,388								93,304
R0220 Gross - Proportional reinsurance accepted						32,542	32,173	17,257	15,830								97,802
R0230 Gross - Non-proportional reinsurance accepted													0	7,604	6,266	28,307	42,177
R0240 Reinsurers' share						29,695	52,397	46,908	13,511				0	4,058	4,963	24,144	175,678
R0300 Net				0		13,581	10,913	17,394	6,707				0	3,546	1,302	4,163	57,606
Claims incurred																	
R0310 Gross - Direct Business						5,098	56,337	25,631	1,933								88,998
R0320 Gross - Proportional reinsurance accepted				-15		14,299	27,442	11,364	9,145								62,233
R0330 Gross - Non-proportional reinsurance accepted													-15	9,445	931	23,070	33,430
R0340 Reinsurers' share				23		4,530	69,458	23,620	8,118				0	6,048	1,865	21,293	134,955
R0400 Net				-38		14,867	14,320	13,375	2,960				-15	3,396	-935	1,777	49,707
Changes in other technical provisions																	
R0410 Gross - Direct Business																	0
R0420 Gross - Proportional reinsurance accepted																	0
R0430 Gross - Non-proportional reinsurance accepted																	0
R0440 Reinsurers' share																	0
R0500 Net				0		0	0	0	0				0	0	0	0	0
R0550 Expenses incurred				Δ	1	6,402	8,863	8,155	4,443		1		0	674	388	3,673	32,603
R1200 Other expenses		I.	1	1 4	I.	0,402	0,003	0,133	7,443		I.		0	074	300	3,073	32,003
R1300 Total expenses																-	32,603
1 Julia expenses																L	32,003

S.05.02.01
Premiums, claims and expenses by country

## Non-life

		C0010	C0020	C0030	C0040	C0050	C0060	C0070
		Home Country		amount of gross pronount of gr	emiums written) -	Top 5 countries (b premiums writ obliga	Total Top 5 and home country	
R0010			US	FR	BR	СН	MX	nome country
	'	C0080	C0090	C0100	C0110	C0120	C0130	C0140
	Premiums written							
R0110	Gross - Direct Business	75,553	32,451	4,114		470		112,589
R0120	Gross - Proportional reinsurance accepted	20,196	27,080	731	8,740	7,362	3,788	67,897
R0130	Gross - Non-proportional reinsurance accepted	4,082	11,270	6,431	487	483	1,930	24,683
R0140	Reinsurers' share	68,883	53,194	8,681	5,757	5,191	3,836	145,543
R0200	Net	30,949	17,606	2,595	3,470	3,123	1,882	59,626
	Premiums earned							
R0210	Gross - Direct Business	59,594	26,826	385		87		86,892
R0220	Gross - Proportional reinsurance accepted	18,692	26,636	1,007	4,866	6,367	3,776	61,345
R0230	Gross - Non-proportional reinsurance accepted	2,815	11,834	6,471	462	464	1,125	23,171
R0240	Reinsurers' share	58,960	50,655	6,324	3,201	4,270	3,684	127,094
R0300	Net	22,141	14,642	1,539	2,126	2,647	1,218	44,314
	Claims incurred							
R0310	Gross - Direct Business	32,499	48,342	188		23		81,053
R0320	Gross - Proportional reinsurance accepted	-3,204	18,318	1,626	2,472	3,733	-10,175	12,771
R0330	Gross - Non-proportional reinsurance accepted	494	18,431	2,299	2,996	259	265	24,744
R0340	Reinsurers' share	26,157	63,122	3,352	3,673	2,837	-14,258	84,883
R0400	Net	3,632	21,970	761	1,795	1,178	4,349	33,685
	Changes in other technical provisions							
R0410	Gross - Direct Business							0
R0420	Gross - Proportional reinsurance accepted							0
R0430	Gross - Non-proportional reinsurance accepted							0
R0440	Reinsurers' share							0
R0500	Net	0	0	0	0	0	0	0
R0550	Expenses incurred	9,645	10,595	240	1,383	1,346	-8	23,201
R1200	Other expenses							
R1300	Total expenses							23,201

#### Non-Life Technical Provisions

		Direct business and accepted proportional reinsurance										Acc	Accepted non-proportional reinsurance				
	Medical expense insurance	Income protection insurance	Workers' compensation insurance	Motor vehicle liability insurance	Other motor insurance	Marine, aviation and transport insurance	Fire and other damage to property insurance	General liability insurance	Credit and suretyship insurance	Legal expenses insurance	Assistance	Miscellaneous financial loss	Non- proportional health reinsurance	Non- proportional casualty reinsurance	Non- proportional marine, aviation and transport reinsurance	Non- proportional property reinsurance	Total Non-Life obligation
	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0120	C0130	C0140	C0150	C0160	C0170	C0180
R0010 Technical provisions calculated as a whole				0		0	0	0	С				0	0	0	0	0
Total Recoverables from reinsurance/SPV and Finite Re a adjustment for expected losses due to counterparty defa associated to TP calculated as a whole																	0
Technical provisions calculated as a sum of BE and RM																	
Best estimate																	
Premium provisions				1													
R0060 Gross Total recoverable from reinsurance/SPV at	nd Finite			0		-2,821	5,833	18,717	7,316	1			0	-5,662	811	-264	23,930
R0140 Re after the adjustment for expected losse counterparty default				0		2,355	-713	5,815	8,732	!			0	-2,637	659	-2,985	11,225
R0150 Net Best Estimate of Premium Provisions				0		-5,175	6,546	12,902	-1,415				0	-3,025	153	2,720	12,705
Claims provisions			1	1			.,,,,,	,,,,	,					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			7
R0160 Gross				41		38,713	83,707	80,490	12,946	,			22	39,335	17,973	35,173	308,401
Total recoverable from reinsurance/SPV at R0240 Re after the adjustment for expected losse				2		29,280							22		17,123		
counterparty default R0250 Net Best Estimate of Claims Provisions				39		9,433	24,411	34,115	3,535	j			0	24,340	850	12,568	109,291
R0260 Total best estimate - gross				41		35,892	89,540	99,207	20,262	:			22	33,674	18,784	34,909	332,331
R0270 Total best estimate - net				39		4,258	30,957	47,017	2,119				0	21,314	1,003	15,288	121,997
R0280 Risk margin				11		1,284	1,261	3,742	1,263				0	24,978	170	1,046	33,755
Amount of the transitional on Technical Provisions																	
R0290 Technical Provisions calculated as a whole																	0
R0300 Best estimate																	0
R0310 Risk margin																	0
R0320 Technical provisions - total				52		37,176	90,800	102,949	21,525	i			22	58,652	18,954	35,955	366,086
Recoverable from reinsurance contract/SPV and R0330 Finite Re after the adjustment for expected losses due counterparty default - total	e to			2		31,635	58,583	52,190	18,143	:			22	12,359	17,781	19,620	210,335
R0340 Technical provisions minus recoverables from reinsurance/SPV and Finite Re - total				51		5,542	32,217	50,759	3,382				0	46,293	1,173	16,335	155,752

S.19.01.21 Non-Life insurance claims

## Total Non-life business

Z0020

ſ	Gross Claims	Paid (non-cum	nulative)											
	(absolute am	ount)												
		C0010	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0170	C0180
	Year					Developm	ent year						In Current	Sum of years
		0	1	2	3	4	5	6	7	8	9	10 & +	year	(cumulative)
R0100	Prior											6,046	6,046	6,046
R0160	2008	5,889	19,530	6,250	2,701	4,268	4,412	1,087	661	414	32		32	45,244
R0170	2009	5,162	5,937	2,371	1,014	1,239	763	738	1,584	-273			-273	18,535
R0180	2010	-24	2,643	543	241	177	896	473	509				509	5,458
R0190	2011	1,906	1,916	4,915	304	306	403	793					793	10,544
R0200	2012	4,644	3,262	1,277	-112	308	596						596	9,975
R0210	2013	645	7,220	2,073	2,544	366							366	12,847
R0220	2014	3,349	19,184	4,703	2,000								2,000	29,237
R0230	2015	8,536	27,572	36,902									36,902	73,011
R0240	2016	21,885	44,928										44,928	66,812
R0250	2017	14,932											14,932	14,932
R0260												Total	106,832	292,640

	Gross Undisc	ounted Best E	stimate Clain	ns Provisions									
	(absolute am	ount)											
													C0360
		C0200	C0210	C0220	C0230	C0240	C0250	C0260	C0270	C0280	C0290	C0300	Year end
	Year					Developm	nent year						(discounted
		0	1	2	3	4	5	6	7	8	9	10 & +	data)
R0100	Prior											6,035	6,006
R0160	2008	0	0	0	0	0	0	0	0	4,970	5,335		5,320
R0170	2009	0	0	0	0	0	0	0	7,554	6,135			5,459
R0180	2010	0	0	0	0	0	0	3,595	4,249				3,467
R0190	2011	0	0	0	0	0	5,165	6,061					4,918
R0200	2012	0	0	0	0	7,607	8,129						6,744
R0210	2013	0	0	0	9,712	8,828							7,282
R0220	2014	0	0	19,822	18,688								16,828
R0230	2015	0	80,505	40,430									37,759
R0240	2016	105,929	68,198										65,272
R0250	2017	154,728											149,346
R0260												Total	308,401

### S.23.01.01

#### Own Funds

R0780 Expected profits included in future premiums (EPIFP) - Non- life business
R0790 Total Expected profits included in future premiums (EPIFP)

	Basic own funds before deduction for participations in other financial sector as foreseen in article 68 of Delegated Regulation 2015/35
	basic offit falles service deduction for participations in other financial sector as foreseen in article 60 of settinguities regulation 2013/33
R0010	Ordinary share capital (gross of own shares)
	Share premium account related to ordinary share capital
R0040	Initial funds, members' contributions or the equivalent basic own-fund item for mutual and mutual-type undertakings
R0050	Subordinated mutual member accounts
R0070	Surplus funds
R0090	Preference shares
R0110	Share premium account related to preference shares
R0130	Reconciliation reserve
R0140	Subordinated liabilities
R0160	An amount equal to the value of net deferred tax assets
R0180	Other own fund items approved by the supervisory authority as basic own funds not specified above
R0220	Own funds from the financial statements that should not be represented by the reconciliation reserve and do not meet the criteria to be classified as Solvency II own funds
R0230	Deductions for participations in financial and credit institutions
R0290	Total basic own funds after deductions
	Ancillary own funds
R0300	Unpaid and uncalled ordinary share capital callable on demand
R0310	Unpaid and uncalled initial funds, members' contributions or the equivalent basic own fund item for mutual and mutual - type undertakings, callable on demand
R0320	Unpaid and uncalled preference shares callable on demand
	A legally binding commitment to subscribe and pay for subordinated liabilities on demand
	Letters of credit and guarantees under Article 96(2) of the Directive 2009/138/EC
	Letters of credit and guarantees other than under Article 96(2) of the Directive 2009/138/EC
	Supplementary members calls under first subparagraph of Article 96(3) of the Directive 2009/138/EC
	Supplementary members calls - other than under first subparagraph of Article 96(3) of the Directive 2009/138/EC
	Other ancillary own funds  Total ancillary own funds
10400	·
DOEGO	Available and eligible own funds  Total available own funds to meet the SCR
	Total available own funds to meet the MCR
	Total eligible own funds to meet the SCR
	Total eligible own funds to meet the MCR
R0580	
R0600	
	Ratio of Eligible own funds to SCR
	Ratio of Eligible own funds to MCR
10040	
P0700	Reconcilliation reserve  Excess of assets over liabilities
	Own shares (held directly and indirectly)
	Foreseeable dividends, distributions and charges
	Other basic own fund items
	Adjustment for restricted own fund items in respect of matching adjustment portfolios and ring fenced funds
	Reconciliation reserve
	Expected profits
R0770	Expected profits included in future premiums (EPIFP) - Life business
D0700	

Total	Tier 1 unrestricted	Tier 1 restricted	Tier 2	Tier 3
C0010	C0020	C0030	C0040	C0050
215,968	215,968		0	
161,976	161,976		0	
0	0		0	
0		0	0	(
0	0			
0		0	0	C
0		0	0	(
-23,765	-23,765			
0		0	0	(
5,137				5,137
0	0	0	0	(
0				
0	0	0	0	
359,316	354,178	0	0	5,137
0				
٥				

0		
0		
0		
0		
0		
0		
0		
0		
0		
0	0	0

359,316	354,178	0	0	5,137
354,178	354,178	0	0	
359,316	354,178	0	0	5,137
354,178	354,178	0	0	

132,73
33,18
270.71
1067.369

#### C0060

359,316
0
383,081
0
-23,765

40,318
40,318

## S.25.01.21

# Solvency Capital Requirement - for undertakings on Standard Formula

		Gross solvency capital requirement	USP	Simplifications
		C0110	C0090	C0120
R0010	Market risk	86,032		
R0020	Counterparty default risk	22,821		
R0030	Life underwriting risk	0	9	
R0040	Health underwriting risk	99	9	
R0050	Non-life underwriting risk	52,197	9	
R0060	Diversification	-38,387		
R0070 R0100	Intangible asset risk  Basic Solvency Capital Requirement	122,761		
	Calculation of Solvency Capital Requirement	C0100		
R0130	Operational risk	9,969		
R0140	Loss-absorbing capacity of technical provisions	0		
R0150	Loss-absorbing capacity of deferred taxes	0		
R0160	Capital requirement for business operated in accordance with Art. 4 of Directive 2003/41/EC	0		
R0200	Solvency Capital Requirement excluding capital add-on	132,730		
R0210	Capital add-ons already set	0		
R0220	Solvency capital requirement	132,730		
	Other information on SCR			
R0400	Capital requirement for duration-based equity risk sub-module	0		
R0410	Total amount of Notional Solvency Capital Requirements for remaining part	0		
R0420	Total amount of Notional Solvency Capital Requirements for ring fenced funds	0		
R0430	Total amount of Notional Solvency Capital Requirements for matching adjustment portfolios	0		
R0440	Diversification effects due to RFF nSCR aggregation for article 304	0		

## S.28.01.01

## Minimum Capital Requirement - Only life or only non-life insurance or reinsurance activity

	Linear formula component for non-life insurance and reinsurance obligations	C0010		
R0010	MCR <sub>NL</sub> Result	26,290		
			Net (of	
			reinsurance/SPV) best	Net (of reinsurance)
			estimate and TP	written premiums in
			calculated as a whole	the last 12 months
			C0020	C0030
R0020	Medical expense insurance and proportional reinsurance		0	0
R0030	Income protection insurance and proportional reinsurance		0	0
R0040	Workers' compensation insurance and proportional reinsurance		0	0
R0050	Motor vehicle liability insurance and proportional reinsurance		39	0
R0060	Other motor insurance and proportional reinsurance		0	0
R0070	Marine, aviation and transport insurance and proportional reinsurance		4,258	17,415
R0080	Fire and other damage to property insurance and proportional reinsurance		30,957	12,937
R0090	General liability insurance and proportional reinsurance		47,017	24,476
R0100	Credit and suretyship insurance and proportional reinsurance		2,119	22,353
R0110	Legal expenses insurance and proportional reinsurance		0	0
R0120	Assistance and proportional reinsurance		0	0
R0130	Miscellaneous financial loss insurance and proportional reinsurance		0	0
R0140	Non-proportional health reinsurance		0	29
R0150	Non-proportional casualty reinsurance		21,314	4,933
R0160	Non-proportional marine, aviation and transport reinsurance		1,003	1,146
R0170	Non-proportional property reinsurance		15,288	3,862
	Linear formula component for life insurance and reinsurance obligations	C0040		
R0200	MCR <sub>L</sub> Result	0		
			Net (of	
			reinsurance/SPV) best	Net (of
			estimate and TP	reinsurance/SPV) total
			calculated as a whole	capital at risk
			C0050	C0060
R0210	Obligations with profit participation - guaranteed benefits			
R0220	Obligations with profit participation - future discretionary benefits			
R0230	Index-linked and unit-linked insurance obligations			
R0240	Other life (re)insurance and health (re)insurance obligations			
R0250	Total capital at risk for all life (re)insurance obligations			
	Overall MCR calculation	C0070	'	
BU300	Linear MCR	26,290		
R0310		132,730		
	MCR cap	59,729		
R0330	MCR floor	33,183		
R0340	Combined MCR	33,183		
R0350	Absolute floor of the MCR	3,251		
RU400	Minimum Capital Requirement	33,183		