

Noble Insurance Company DAC

Solvency & Financial Condition Report (SFCR)

Reporting period ended December 28, 2019

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SUMMARY

This Report refers to the business of Noble Insurance Company DAC (“Noble” or “the Company”), a captive insurer, authorised and supervised by the Central Bank of Ireland. It provides the reader with information on the Company’s business and performance, system of governance, risk profile, valuation for solvency purposes and capital management for the reporting period ended 28 December 2019.

The Company’s business strategy is to provide insurance cover to the Kraft Heinz Company, in respect of Property Damage and Business Interruption, UK and Ireland Employer’s Liability, Fiduciary Liability, Directors & Officers Liability, Pollution Liability, and Malicious Product Tamper (MPT) risks. On certain lines, the impact of insurance risk volatility on the Company’s capital base is mitigated through the purchase of reinsurance from appropriate counterparties. Investment of Company funds is in line with the documented investment strategy, reflecting a ‘prudent person’ approach to the management of counterparty, concentration, interest rate and currency risk. There were no material changes to the Company’s capital management policy during the reporting period.

The Board has identified the key risks to which Noble is exposed and established appropriate corporate governance, risk management and reporting mechanisms to ensure that the identified risks remain relevant, and that they are managed and reported on with appropriate levels of detail and frequency. The Company has established a comprehensive suite of risk policies and implemented a series of internal controls to ensure that Noble can be managed in accordance with its governance and risk management systems. Documented escalation mechanisms are in place to ensure that any breaches in risk limits and tolerances, internal controls and governance requirements can be reported promptly to the appropriate individuals. There were no material changes to the Company’s system of governance during the reporting period.

Risks to which the Company is exposed are well understood and are used to determine the level of solvency and capital required over a forward looking three-year business planning period. The results of this exercise are used to better inform decision making within the Company.

As at 28 December 2019, the Company had eligible own funds of US\$15,067,537 available to meet its Solvency Capital Requirement (SCR) of US\$5,299,059; this results in a Solvency Ratio of 284% which is in line with the Company’s risk appetite. The Board of Directors is satisfied that the Company has adequate and appropriate capital to support its business plans. The Minimum Capital Requirement (MCR) was also satisfactorily met at the period-end. There were no instances of non-compliance with the capital requirements during the period.

A. BUSINESS & PERFORMANCE

A.1. Business

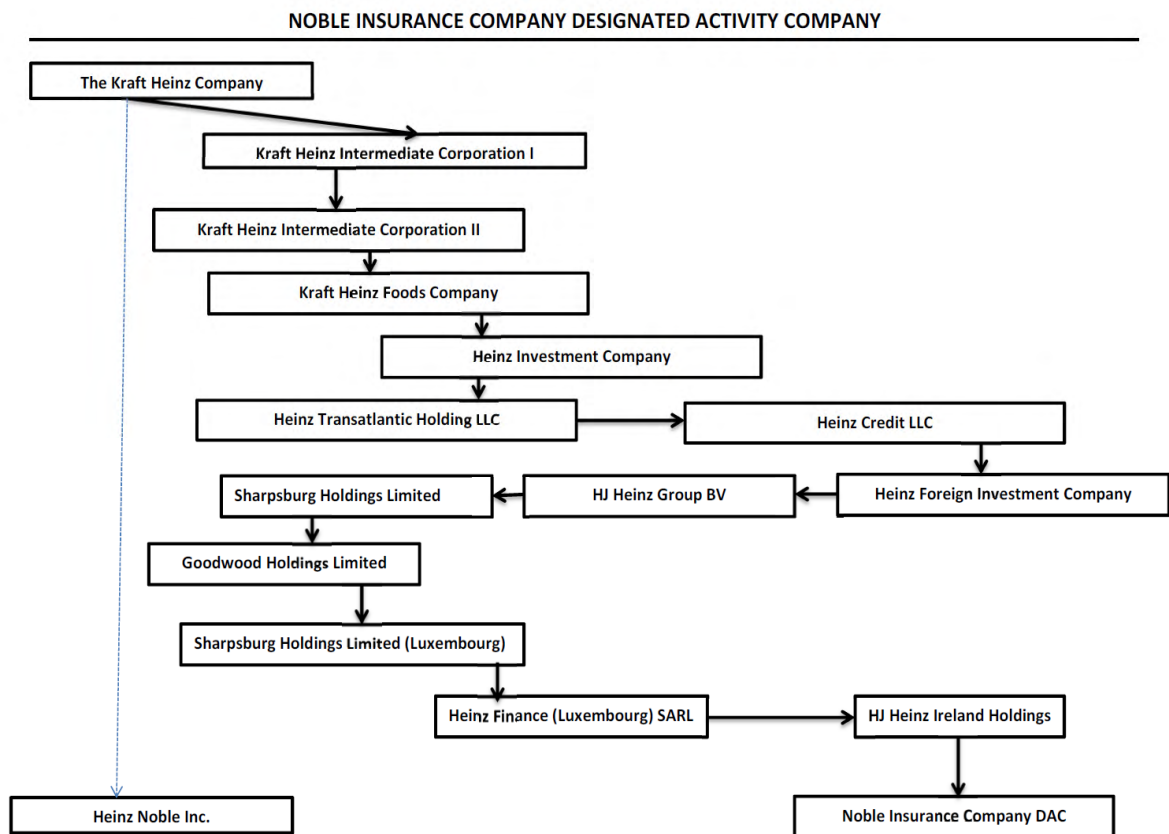
The principal activity of Noble Insurance Company DAC (“Noble” or “the Company”) is the provision of insurance cover to the Kraft Heinz Company, in respect of Property Damage and Business Interruption, UK and Ireland Employer’s Liability, Fiduciary Liability, Directors & Officers Liability, Pollution Liability, and Malicious Product Tamper (MPT) risks. Coverage is provided only to member firms of the Kraft Heinz network located in the European Union. The Company is a wholly-owned subsidiary of HJ Heinz Ireland Holdings Limited, the beneficial owners of which are the Kraft Heinz Company.

The Company’s business address and registered office is 3rd Floor, The Metropolitan Building, James Joyce Street, Dublin 1, Ireland.

Noble is authorised by the Central Bank of Ireland (“CBI”), under the European Union (Insurance and Reinsurance) Regulations 2015 (SI 485), to carry out the business of non-life insurance. Authorisation is in respect of Class 13 - General Liability risks, Class 1 – Accident, Class 8 - Fire & Other Damage to Property, Class 15 - Credit & Suretyship and Class 16 - Miscellaneous Financial Loss. The insurance supervision division at the CBI may be contacted at their offices in New Wapping Street, North Wall Quay, Dublin 1, Ireland.

The Company’s external auditor is Mazars (Rob Hamill), which is located at Harcourt Centre, Block 3 Harcourt Road, Dublin 2.

The ownership structure of Noble is as follows;



The operation of the Company is subject to the local regulatory requirements in Ireland within which it operates. Such regulations not only prescribe approval and monitoring of activities but also impose certain restrictive provisions, for example capital adequacy to minimize the risk of default and insolvency on the part of the Company to meet unforeseen liabilities as they arise.

Noble conducts all of its significant business activities, including underwriting, premium invoicing & collection, claims reserving & payments, and investing from its offices in Ireland.

The Company has no employees and no remuneration was therefore paid.

There have been no significant adverse events during the reporting period which have had a material impact on the Company. In December 2019 Noble paid a dividend of US\$6M to its shareholder.

A.2. Underwriting Performance

The principal risks and uncertainties that the Company faces are, by the very nature of the business, those for which it provides or has provided insurance cover. The Company seeks to ensure that it collects sufficient premium income to meet the cost of potential claims over time, but the uncertainty surrounding the severity and frequency of claims can lead to significant variation in the Company's performance in the short term. Whilst considerable judgment is involved, the directors adopt a prudent approach to the provision and valuation of adequate insurance reserves, with annual support and certification being provided by an external actuary.

Noble's strategic objectives are formulated in conjunction with the Kraft Heinz Company as part of its global insurance arrangements. The Group strategy is to limit the retained risk within Noble through the use of outward reinsurance where and to the extent considered appropriate.

The Company's underwriting performance as at 28 December 2019 and 29 December 2018 are as follows:

28 December 2019

ANALYSIS OF RESULTS	Property US\$'000	Liability US\$'000	Malicious Product Tampering US\$'000	Other US\$'000	Total US\$'000
Gross Premiums Written					
Risk located in:					
EU	403	1,745	681	-	2,829
Non-EU	-	-	-	-	-
Total	403	1,745	681		2,829
Gross premiums earned					
	399	1,743	678	-	2,820

Gross claims incurred	(1,005)	(426)	341	34	(1,056)
Gross operating expenses	(61)	(266)	(104)	-	(431)
Gross result	(667)	1,051	915	34	1,333
Reinsurance balance		(42)	(602)		(644)
Net result	(667)	1,009	313	34	689

29 December 2018

ANALYSIS OF RESULTS	Property	Liability	Malicious Product Tampering	Other	Total
	US\$'000	US\$'000	US\$'000	US\$'000	US\$'000

Gross Premiums Written

Risk located in:

EU	129	2,342	474	28	2,973
Non-EU	-	-	-	-	-
Total	129	2,342	474	28	2,973

Gross premiums earned	1,212	2,328	472	28	4,040
Gross claims incurred	(51)	(429)	1	34	(445)
Gross operating expenses	(20)	(369)	(75)	(4)	(468)
Gross result	1,141	1,530	398	58	3,127
Reinsurance balance		(40)	(416)	(19)	(475)
Net result	1,141	1,490	(19)	39	2,652

Premiums written relate to business incepted during the financial year.

Provision is made for notified losses on all underwriting years. Provisions are calculated gross of any reinsurance recoveries with a separate estimate being made of amounts recoverable from reinsurers.

2019 GWP was \$2.83M. This included an additional amount of \$274k arising from a premium adjustment on the 2017 UWY property policy which was notified to Noble in January 2019. Excluding this adjustment, GWP fell by approximately \$144k in comparison to 2018. This reduction was a factor of the non-renewal of the Travel Accident and Surety lines, the Netherlands no longer participating in the Fiduciary Liability programme and exposure related changes to the fiduciary liability and product recall programmes.

Net claims paid during the financial period ended 28 December 2019 totalled US\$0.53m (29 December 2018: US\$2.0m), which relates to liability claims. As at 28 December 2019, the Company held gross claims provisions of US\$9.7m (29 December 2018: US\$9.0m). This comprises Outstanding Loss Reserves (OLR) of US\$2.0m (all relating to Liability) and Incurred But Not Reported (IBNR) reserves of US\$7.7m of which US\$5.9m is Liability, US\$0.67m is MPT, US\$24k is Foreign Casualty and US\$1.1m is property. MPT is fully reinsured. Taking into account claims provisions recoverable from reinsurers, the net claims provisions held at 28 December 2019 were US\$9.0m. In order to support these liabilities, the Company holds sufficient financial assets to fund obligations arising from these insurance contracts.

A.3. Investment Performance

The Company's investment portfolio consists of cash and cash equivalents and Deposit with Credit Institutions - Cash and short-term deposits in the balance sheet comprise cash at banks and in hand and short term deposits with an original maturity of three months or less. Carrying amounts approximate fair value due to the short-term nature and high liquidity of the instruments.

The investment gain for the year amounted to US\$443k (composed solely of interest income), compared to a gain of US\$355k in the prior period. This increase was mainly due to the improved USD interest rates on fixed deposits.

A.4. Other Information

Noble does not engage in any activities other than those associated with captive insurance and has not entered into any leasing agreements.

In respect of relevant quantitative information for this report please see the Annual QRT extract in Appendix 1.

B. SYSTEM OF GOVERNANCE

B.1. General Information on the System of Governance

In aiming to meet the requirements for sound corporate governance, ensuring efficient conduct of business and to protect the interests of the Company's stakeholders, the Company has a comprehensive Governance and Risk Management system in place.

It is the responsibility of the Board of Directors to ensure that risks are fully understood and appropriately managed in accordance with this framework. Risk management, reporting and auditing processes reflect the requirements set out in this Governance Manual.

The Governance and Risk Management System of the Company may be described as relying on four cornerstones:

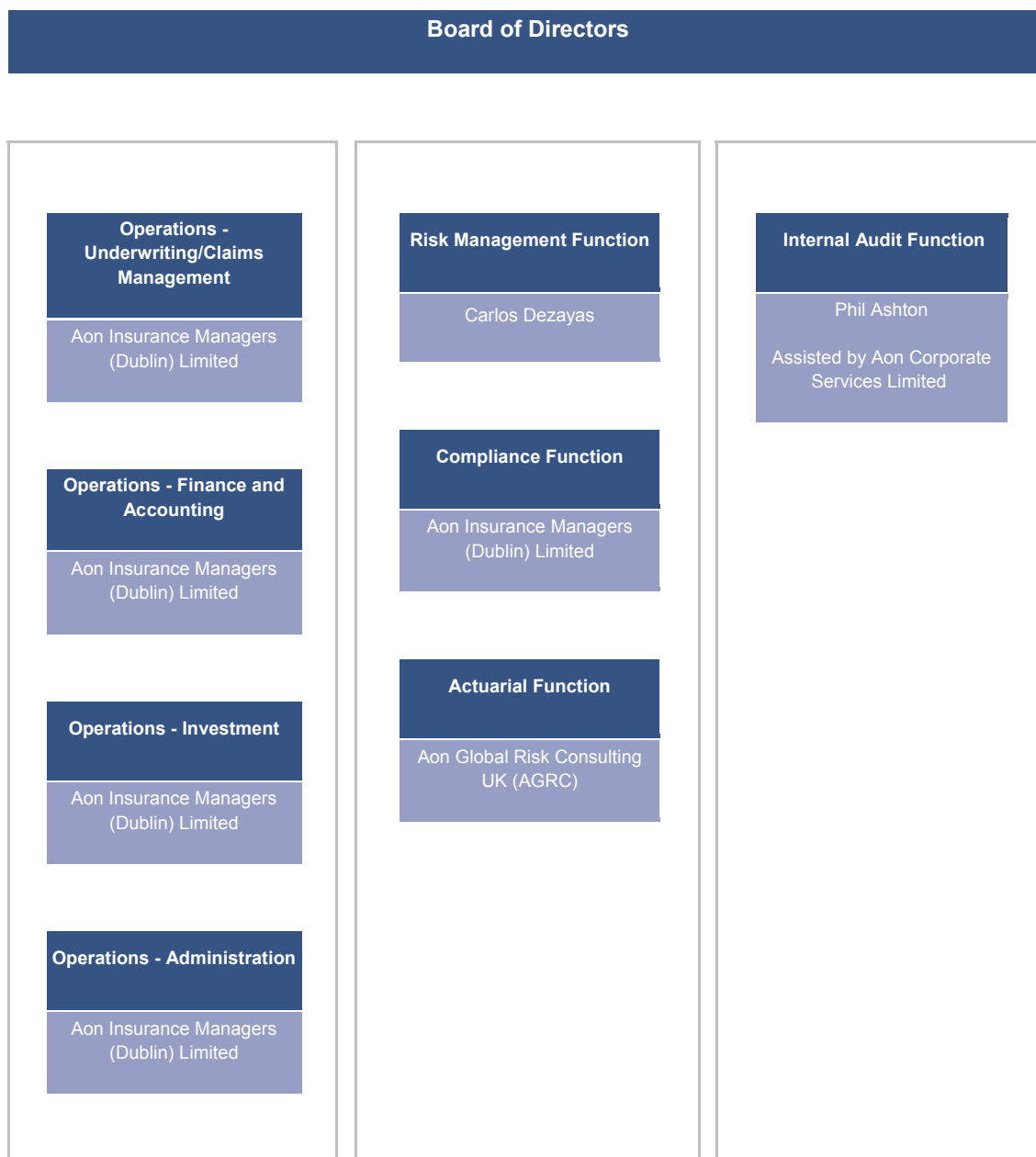
- 1) Governance Framework, aligned with the Company's strategic objectives, providing top level oversight by the Board, clear ownership and accountability for risks, as well as clear escalating and reporting channels.
- 2) Risk Management System which details the Company's strategic objectives in documented Risk Policies. For each risk, limits and operational checkpoints as well as functional identification mitigation and monitoring processes are documented.
- 3) A series of Internal Controls, defining the architecture of processes required to manage the Company in accordance with its Governance and risk management framework.
- 4) A Risk Register combining operational and risk management processes to deliver a descriptive analysis of material risks threatening at least one of the Company's global strategy objectives.

There have been no material changes to this structure since the prior reporting period. Noble implemented the above framework in advance of the inception of Solvency II.

In order to achieve the Company's objectives, the Board has established a system of governance with the following core components:

- the Board of Directors is the focal point of the governance system and is ultimately accountable and responsible for the performance and conduct of the Company and, as such, must have at its disposal all required capabilities to achieve its duties;
- all authority emanates from the Board of Directors and responsibilities are delegated in such a manner so as to ensure that no one individual has unfettered powers of decision;
- an embedded Compliance Function aiming to ensure the continuous compliance of the Company with all applicable legal, regulatory and administrative requirements;
- an appropriate segregation of duties in order to enable the Risk Management, Internal Audit, Actuarial and Compliance Function to perform independent risk and business control mitigation, monitoring and reporting tasks;
- a meaningful and practical approach in documenting policies and strategies to formalise all processes in an efficient and fit-for-purpose manner; and

- structured reporting processes to enable an appropriate escalation of risks and issues to the Board of Directors in order to ensure a clear and comprehensive information process allowing the Board to conduct business in an efficient and prudent manner in line with the strategic objectives.
- According to these principles, the chosen governance model is one of "three lines of defence" which is illustrated as follows:



1st line of defence	2nd line of defence	3rd line of defence
Risk and control embedded in the business	The oversight functions	Provides independent assurance
<p>Primary accountability within the context of day-to-day operations. The first line of defence ensures that operations are carried out correctly and that risk exposures are managed, controlled and reported in accordance with the risk appetite and risk policies set out by the board.</p>	<p>The 2nd line is in charge of defining, developing, implementing and maintaining risk frameworks, policies and procedures. It defines the business guidelines and oversees the operations.</p> <p>It monitors and ensures that operations, policies and strategies are adequately aligned.</p>	<p>The 3rd line challenges the design and effectiveness of risk management, compliance, control and governance processes.</p> <p>In order to achieve the necessary independence and objectivity, Internal Audit is an independent function that reports directly to the Board.</p>

Key Functions

The key functions of Risk Management, Internal Audit, Actuarial, Compliance and Operations have clear and defined lines of reporting directly to the Board. This is facilitated by the straightforward nature of the Company's structure and fit-for-purpose documented policies and procedures which are clearly communicated and well understood by all relevant parties. The Board has ensured that the key functions are appropriately resourced and have the necessary authority and operational independence to perform their roles. The Company has engaged Aon Insurance Managers (Dublin) Limited ('AIMD') for the provision of management services, under the terms of an outsourced service and management agreement which is overseen by the Board of Directors.

Remuneration and material transactions

The members of the Board of Directors receive no remuneration for their services as directors to the Company. There are no employees and consequently no remuneration is paid.

As a captive insurer, all Noble's inward premium flows and claims payments relate to insured risks of the shareholder group. Other than these transactions which arise in the normal course of business, the Company had no material transactions during the reporting period with members of the shareholder group and none with members of the Board of Directors.

B.2. Fit & Proper Requirements

The 'Fit and Proper' requirement is the standard required by the Central Bank of Ireland when appointing pre-approved controlled function holders. Noble has documented its Fitness & Probity policy setting out the Company's approach to the selection and assessment of the persons who effectively run the Company or are responsible for other key functions.

In selecting individuals as directors or function holders, the Company takes account of the following factors:

- specific requirements of the role
- the skills, experience and relevant qualifications of the proposed individual
- results of due diligence enquiries
- conflicts of interest
- time requirements and other commitments
- competence and integrity
- financial soundness

Noble is satisfied that appointed individuals performing controlled functions meet all relevant regulatory requirements and have a suitable level of training and qualification in order to enable them to carry out their respective duties.

The Compliance function adopts appropriate controls in the registration of individuals across the Group ensuring that identified individuals meet the regulators' fit and proper criteria at the point of registration.

Roles and Responsibilities Detail

Key Roles	Responsible
Board of Directors	Christine Page (Chairperson) Adam Rathbone Carlos Dezayas
Risk Management Function	Head of Risk Management Function – Carlos Dezayas
Compliance Function	Head of Compliance Function – Aon Insurance Managers (Dublin) Limited
Actuarial Function	Head of Actuarial Function – AGRC
Internal Audit Function	Head of Internal Audit Function – Phil Ashton
Operations - Underwriting/Claims Management	Aon Insurance Managers (Dublin) Limited in conjunction with Kraft Heinz
Operations - Finance and Accounting	Aon Insurance Managers (Dublin) Limited
Operations – Investment	Aon Insurance Managers (Dublin) Limited
Operations – Administration	Aon Insurance Managers (Dublin) Limited

B.3. Risk Management System including the Own Risk and Solvency Assessment

The Company's Risk Management System:

- sets out the level of risk acceptable by the Company (Risk Appetite and risk tolerance);
- identifies the risks which represent a threat to the achievement of its strategic objectives;
- identifies, defines and regularly measures key risk indicators enabling an efficient monitoring of risks;
- defines the appropriate actions to reduce the Company's risk exposure;
- ensures the risk management framework is implemented in day-to-day business processes; and
- regularly reviews controls and mitigation actions to ensure that they remain relevant and effective.

In order to achieve these objectives, the Risk Management System of the Company has been clearly documented and specified through specific risk management policies for each key risk category. The key risk categories for which the Company has set up specific control and monitoring mechanisms are:

- Underwriting/Reserving
- Asset Liability Management ("ALM")
- Investment
- Liquidity and concentration
- Operational
- Reinsurance and other risk mitigation techniques
- Strategic

In addition to these, an outsourcing policy defining the key rules and criteria to be followed by each service provider has been determined.

Own Risk and Solvency Assessment

The Company performs an Own Risk and Solvency Assessment ('ORSA') annually in order to provide its Board of Directors with a forward-looking risk and capital assessment. The adequacy of the available capital, the Risk Appetite Framework and the appropriateness of the risk limits is assessed for the business planning period, considering the evolving risk profile. To this end, risks and scenarios to which the Company is exposed during the business planning period and which may affect the capacity to meet its insurance obligations or pose a threat to the achievement of its business objectives are taken into account.

Define the Stress Scenarios

Stress testing and scenario analysis are used to assess whether the available and future capital are sufficient in expected and stressed situations.

As part of Own Risk Solvency Assessment process, the Company selects the appropriate stress and scenario tests as determined by the Board to be appropriate for the Company.

Stress the Financial Plan

Stress test scenarios are embedded into the projected financial plan under Solvency II. Related SCR/MCR and solvency ratios are then calculated for each year, resulting in the Stressed Financial Plan and the solvency impact of adverse loss scenarios. The tasks of this process are conducted by the Actuarial Function and validated by the Risk Management Function.

Assess prospective solvency needs on the basis of the Stressed Financial Plan

The Risk Management Function identifies potential additional mitigation actions to reduce the potential impact of the Stress Scenarios. The main purpose of this stage is to identify and assess any relevant complementary control, mitigation actions or review of the Risk Appetite in order to ensure target solvency levels are maintained. Any remaining solvency gap will be covered through a relevant capital plan, i.e. defining the measures to restore the Company's solvency margin should the assumed scenarios occur.

Produce the ORSA Report

The ORSA report will bring clarity over projected risk assessments and solvency needs to 3 different stakeholders

Stakeholder	Expectation	ORSA Report
Board of Directors	Matching projected risks vs the Risk Appetite framework.	Will provide a clear and prospective understanding of critical risk exposures and their relationship with Risk Appetite boundaries.
Shareholders	Detailed and prospective understanding about the risk of bankruptcy and potential need for future additional capital.	Will provide a plan for capital needs and the time horizon for financial planning.
Supervisory Authority	Detailed and prospective understanding of potential ORSA deviations compared to the SCR under Pillar I.	Will gather information about: projected Solvency ratios; - explanations about deviations due to specific critical risks exposures.

The ORSA process described above ensures that ORSA is integrated in the decision-making and business planning process. Furthermore, monitoring procedures as set out in the risk management policies ensures that risk exposures are measured on a regular basis triggering exception reports for the Board.

In line with CBI requirements the Head of Actuarial Function (HoAF) provides an Actuarial Opinion to the Board of Directors in respect of the ORSA as part of its annual Actuarial Function Report to the Board.

The capital risk appetite for Noble is to sustain its capital at a level sufficient to meet the Regulatory Solvency Capital Requirement at all times. It is not the intent to maintain a significant capital buffer in the Noble balance sheet.

The Kraft Heinz Company would take prompt corrective action to replenish capital to an appropriate level in Noble so that SCR compliance can be demonstrated should this be required. The Kraft Heinz Company is expected to continue to have ample capacity to provide this support to Noble.

B.4. Internal Control System

The Internal Control System embedded in the Company's operations is a mix of processes undertaken by all stakeholders within the Company to provide reasonable assurance that the strategic objectives will be achieved.

In order to achieve the aforementioned objectives, the Internal Control framework of the Company is structured around five complementary components.

Component	Contents
1) Control environment	A strong "risk and control" culture is embedded within the Company's operations through the continuous oversight of the Board of Directors and the communication to all internal stakeholders of all governance and risk principles through the present manual.
2) Risk assessment	Procedures and policies are detailed and formalized in order to disclose the way of identifying, managing, controlling, mitigating and reporting issues relating to each risk category.
3) Reporting channels	Clear and structured reporting processes are in place enabling the Board of Directors to have access to relevant, complete, reliable, correct and timely communication related to internal as well as external events.
4) Monitoring process	The appropriate escalation of significant issues to the Board of Directors, the ongoing involvement of all internal stakeholders as well as the Internal Audit process enables the Company to continuously monitor and adapt when necessary its Internal Control System.
5) Control activities	The Company has developed a comprehensive set of preventative, detective or corrective control actions embedded in its daily operations.

Detailed Processes and Embedded Control Activities

In order to set out how the Internal Control System is implemented the Company's processes and related control activities are documented, monitored and reviewed on a regular basis.

These items are approved by the Board of Directors and evaluated by the Internal Audit Function. They are reviewed as often as necessary but at least once a year.

Tasks and actions are shared between the key functions of the Company and clarify related roles, responsibilities and embedded control activities.

Compliance Function

The Company has outsourced its Compliance Function to its Insurance Managers. The Insurance Managers have appointed a Head of Compliance who is responsible for overseeing all compliance activities and ensuring the Compliance Function of the Company is adequately resourced. The Compliance Function reports to the Board at each and every Board meeting on its activities.

The mission of the Compliance Function is:

Assisting in ensuring the long-term sustainability of the Company through the effective identification, qualification and management of compliance risks faced by the business.

- The Compliance Function is an integral component part of the internal control system of the Company and is responsible for compliance with the internal control system. The elements

of the internal control system are laid out in the Corporate Governance Framework document.

- The Compliance Function will identify and communicate throughout the Company the laws, regulations and codes of conduct to which the Company is subject. The Compliance Function will seek to embed compliance with these laws, regulations and codes of conduct in the way the Company does business.
- The Compliance Function will maintain a comprehensive compliance risk management control and reporting system in conjunction with the Risk Management Function to assist in managing the Compliance Risk faced by the Company.
- Any violation of relevant law by the Company will be investigated and followed up by the Compliance Function and reported to the Board, and in certain circumstances to outside bodies such as the Central Bank of Ireland.
- The Compliance Function will consider possible future changes in the legal environment and their potential effect on the Company.
- The Compliance Function will present an annual Compliance Plan, outlining specific areas which it will focus on during a particular year.
- Finally, the Compliance Function will promote a culture of compliance throughout the Company.

The Company has a Compliance Charter and Compliance Plan in place for the 2019 period which was reviewed and approved by the Board.

B.5. Internal Audit Function

Purpose & Objectives

The purpose of the Internal Audit Function is to serve as an independent Function that objectively evaluates and recommends improvements to the Company's Internal Control System by facilitating an objective and independent assessment.

It assists the Company accomplish its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of the risk management, control, and governance processes employed by the Company.

The Board is keen to develop effective policies and practices and take appropriate corrective action in response to weaknesses identified by internal and external auditors.

Independence and Impartiality

The Company's Internal Audit Function must be independent of the activities audited and must also be independent from the operational Functions and the Board of Directors.

The Internal Audit Function is free to report its findings and appraisals and to disclose them to the Board as required. This principle of independence of the Internal Audit Function entails that the Internal Audit Function operates under the direct control of the Board of the Company.

B.6. Actuarial Function

The Company has established an effective Actuarial Function, including a nominated Head of Actuarial Function ('HoAF') approved by the CBI, which carries out the following key tasks:

Role and Responsibility of the Actuarial Function include:

- Coordination of the calculation of technical provisions;
- identify any inconsistency with the requirements set out in Articles 76 to 85 of the Solvency II Directive for the calculation of technical provisions and propose corrections as appropriate;
- explain any material effect of change of data, methodologies or assumptions between valuation dates on the amount of technical provisions if already calculated on a Solvency II basis;
- assess the consistency of the internal and external data used in the calculation of technical provisions against the data quality standards as set out in Article 82 of the Solvency II Directive. Where relevant, the Actuarial Function should provide recommendations on internal procedures to improve data quality so as to ensure that the undertaking is in a position to comply with the related Solvency II requirements when implemented;
- take into consideration the interrelations between the Underwriting Policy, reinsurance arrangements and technical provisions when providing its opinion;
- report in writing at least annually to the Board of Directors. The report should document all material tasks that have been undertaken by the Actuarial Function, and include:
 - i. Details of the Technical Provisions
 - ii. Methodologies & assumptions
 - iii. Data sufficiency & quality
 - iv. Experience analysis
 - v. Report to the Board on reliability & adequacy
 - vi. Opinion on the Technical Provisions
 - vii. Opinion on Underwriting policy
 - viii. Opinion on the ORSA
 - ix. Opinion on Reinsurance arrangements.

Their report should include any deficiencies identified and give recommendations as to how such deficiencies could be remedied

- contribute to the effective implementation of the Risk Management System in particular:
 - i. with regard to risk modelling underlying the calculation of the Solvency Capital Requirement (SCR) and MCR; and,
 - ii. the ORSA process.
- think critically and organize the execution of actuarial approaches.

Responsibility

The person in charge of the Actuarial Function shall meet all the following criteria:

- Be a duly qualified actuary;
- have experience of more than five years in the field of insurance and / or reinsurance.

The Head of Actuarial Function is a pre-approval controlled function (PCF) under the Central Bank Reform Act 2010 (Sections 20 and 22) Regulations 2011.

The Head of Actuarial Function reports to the Board on an annual basis.

B.7. Outsourcing

All functions and activities of the Company are eligible to be outsourced provided that specific criteria are satisfied in each instance.

The Board is responsible for the approval and termination of all outsourcing arrangements of critical or important functions or activities. Critical or important functions or activities include key functions relating to the Company's System of Governance and all functions within the Company that are fundamental to carry out its core business. The Board is responsible for ensuring notification to the CBI is made in a timely manner prior to the outsourcing of critical or important functions or activities, and thereafter where there have been material developments in relation to the service provider.

The objectives of Noble's Outsourcing Policy are to ensure that the outsourcing of critical or important operational functions or activities does not lead to:

- Reduction in the Board's responsibility for, or influence over key functions of the Company;
- Material impairment of the quality of the Company's System of Governance;
- Any impairment of the Company's ability to meet its regulatory requirements;
- Non-adherence to the Company's approved policies and procedures;
- Undue increases in operational risk or cost;
- Material impairment of the Company's ability to fulfil its obligations to stakeholders, nor impede effective supervision by regulators;
- Conflicts of Interest;
- Breach of the Company's data protection obligations.

All Functions and activities of the Company are eligible to be outsourced provided that each of the criteria detailed above are satisfied in each instance. Sub-outsourcing is allowable only in exceptional circumstances, on the condition that the sub-outsourced service provider satisfies the above criteria and subject to approval from the Board of Directors.

The Board is responsible for the approval of and termination of all outsourcing arrangements of critical or important Functions or activities. Critical or important Functions or activities include key Functions of the Company's System of Governance and all Functions within the Company that are fundamental to carry out its core business.

The Board must decide whether arrangements with third parties are deemed to fall within the scope of this outsourcing policy. The provision of services which do not form part of the Company's core activities need not be included within the scope of this policy.

The Board is responsible for ensuring notification to the supervisory authorities is made in a timely manner prior to the outsourcing of critical or important Functions or activities, and thereafter where there have been material developments in relation to the service provider.

The Board is responsible for reviewing the performance of outsourced service providers against agreed Service Level Agreements (SLA).

The Board is responsible for assessing the risks associated with the outsourcing of critical or important Functions or activities.

Critical or important function	Outsourced Service Provider	Jurisdiction
Underwriting administration	Aon Insurance Managers (Dublin) Limited ("AIMD")	Ireland
Claims administration	AIMD	Ireland
Finance and accounting	AIMD	Ireland
Compliance Function	AIMD	Ireland
Risk Management Function	Kraft Heinz Group Risk Manager	United States
Actuarial Function	Aon Global Risk Consulting	United Kingdom
Internal Audit Function	Aon Commercial Services Ireland Limited	Ireland
Claims handling	Crawford and Company	United Kingdom

B.8. Other Information

The Board is satisfied, based on its assessment of the frameworks which have been established and are in use, that the Company's system of governance is appropriate and adequate for the nature, scale and complexity of the risks inherent in its business operations.

Noble has no other information to report in relation to System of Governance.

C. RISK PROFILE

The Risk Appetite Framework adopted by the Board sets out the level of risk that the Company is prepared to accept in the pursuit of its strategic objectives. It sets out:

- the Company's overall philosophy to risk taking and the expectations of shareholders;
- the Company's tolerance to loss of capital, profit volatility and other specified measures; and
- the risk limits that are acceptable in terms of exposures to different types of risk.

The Company's Risk Register combines operational and risk management processes to deliver a descriptive analysis of material risks threatening at least one of the Company's strategic objectives.

The Board's annual ORSA process is based on the Company's current and expected risk profile over the business planning period and supports the Board in achieving its strategic objectives by taking a structured and combined approach of strategy, risk management and capital management.

C.1. Underwriting Risk

The Company underwrites contracts that transfer insurance risk. The risk under any insurance contract is the possibility that the insured event occurs and the uncertainty that the Company will have sufficient assets to satisfy the amounts payable under the contract. The Company seeks to ensure that it collects sufficient premium income to meet the cost of potential claims over time, but the uncertainty surrounding the severity and frequency of claims can lead to significant variation in the Company's performance in the short term. Whilst considerable judgment is involved, the directors ensure that suitable processes are in place to ensure the reliability, sufficiency and adequacy of both the statistical and accounting data to be considered in the loss reserve estimation and recording process and to detail the Company's approach to the calculation of technical provisions.

Annual support and certification is provided by an Actuarial Function. The Company additionally manages its insurance risk exposures through the purchase of reinsurance cover and/ or the imposition of annual aggregate limits. This will continue to be a feature of the Company's risk profile over the business planning period.

The Company has considered the potential impact of Brexit on its underwriting operations.

In March 2019, Noble submitted an application to join the UK Temporary Permissions Regime (TPR). The purpose of this application was to provide Noble with options to service its UK business in the event of a no deal Brexit as it would give the Company the option to establish a presence in the UK. However, it was subsequently decided by the Board to withdraw from the Temporary Permissions Regime as Noble did not intend setting up an establishment in the UK.

Eventually the UK left the EU on 31 January 2020. As a result, the UK now will become a third country for insurance supervision purposes and depending upon the outcome of discussions between the UK and the EU freedom to provide services from Ireland into the UK may no longer apply. The Company's parent has in place well advanced contingency plans to deal with such an eventuality including removing the UK from Noble's insurance portfolio should this become necessary. Claims applying to the 1.1.20 policy and prior would continue to run off as usual.

The Company continues to monitor and develop its contingency planning for alternative arrangements.

C.2. Market Risk

The risk of future changes in market prices, which would result in devaluation of investable assets, may result from several factors, including, but not limited to, value, liquidity, duration, composition, interest rates, foreign exchange rates and market fluctuations. The Company diversifies its portfolio to reduce the exposure to market fluctuations and market risk concentrations.

The Company is exposed to currency risk to the extent its assets and liabilities are denominated in a currency different from its functional currency.

Noble has an investment strategy in place in line with its Risk Appetite Framework and has applied the 'Prudent Person' Principle in relation to investing its assets. The Company's investment objective is capital preservation and the Company endeavours to:

- prudently invest with consideration of the prevailing financial market environment;
- ensure the Company invests appropriately so as not to result in the Company failing to meet its Solvency Capital Requirements;
- ensure that the Company holds assets of sufficient value and liquidity to meet all liabilities as they become due;
- maximise investment return within the levels of risk as defined by the Company's Risk Appetite;
- ensure compliance with the Liquidity Strategy and Policy;
- ensure compliance with the Asset-Liability Management Strategy and Policy; and
- ensure effective risk management of investments at all times, with due consideration of the risks associated with investments and procedures to monitor, manage and report these risks in a timely manner as part of the Company's overall Risk Management System.

Interest rate risk arises on the Company's fixed income portfolio. The fair value of the fixed income portfolio is generally inversely correlated to movements in market interest rates. If market interest rates fall, the fair value of the Company's fixed income investments would tend to rise and vice versa. The Company's invested assets at the end of current reporting period were as follows:

Asset Type	Counterparty	Solvency II Value (US\$)
AIB/USD/Call	AIB Banks PLC	7,454,418
AIB/GBP/Call	AIB Banks PLC	22,684
AIB/EUR/Call	AIB Banks PLC	79,297
Citi/EUR/Call	Citibank Europe PLC	600
HSBC/USD/Deposit	HSBC Bank PLC	2,187,627
Handelsbank/GBP/Deposit	Svenska Handelsbanken AB	5,328,918
Handelsbank/USD/Deposit	Handelsbank PLC	2,383,668
Handelsbank/EUR/Call	Handelsbank PLC	776,698
		18,233,910

The sensitivity of the price of fixed income securities is impacted by its duration. The greater a security's duration, the greater its percentage price volatility. The sensitivity analysis of net income to fluctuation in interest rate is shown below:

12-month period	Estimated approximate effects on net income and equity	
	28 December 2019 (US\$'000)	29 December 2018 (US\$'000)
Sensitivity test		
Shift up 100 basis points	173	231
Shift down 100 basis points	(173)	(231)

Noble manages its market risk by only investing in fixed short-term deposits.

C.3. Credit Risk

Credit risk is the risk that one party to a financial instrument or financial arrangement will fail to discharge an obligation and cause the other party to incur a financial loss. The assets that are exposed to credit risk are:

- Cash and cash equivalents;
- Deposits with credit institutions;
- Reinsurers' share of technical provisions; and
- Debtors arising out of insurance operations.

The Company utilises financial institutions deemed to be of high credit quality to hold its financial assets. For cash and cash equivalents and deposits with credit institutions, the Company has limits in place in relation to the amount of cash which can be held by any one financial institution.

C.4. Liquidity and Concentration Risk

The Company is exposed, if proceeds from financial assets are not sufficient to fund obligations arising from its insurance contracts. The Company can be exposed to daily calls on its available investment assets, principally from insurance claims. Liquidity risk is the risk that cash may not be available to pay obligations when they are due without incurring an unreasonable cost.

Liquidity risk is managed by investing primarily in highly rated deposits which the Company deems to be very liquid.

Concentration risk is managed by having a number of financial institutions with which the Company has invested or deposited assets. For cash and cash equivalents and deposits with credit institutions, the Company has limits in place in relation to the amount of cash which can be held by any one financial institution.

C.5. Operational Risk

Operational risk entails the potential exposure of the Company to incidences of fraud, material error or delay in the processes of the Company, regulatory sanction and compliance breaches.

Operational risk is managed by a strong governance structure being put in place, which includes the extensive oversight of the Shareholder, Board of Directors and executive management.

Noble maintains a regulatory dialogue with the Central Bank of Ireland to mitigate the risk of any potential sanction or compliance breach as well as using expert and industry leading service providers to provide its outsourced functions which helps avoid any material error or delay. In order to ensure the quality of the outsourced functions is as high as possible, Noble puts in place service level agreements as well as regularly reviewing the performance of outsourced service providers.

C.6. Other Material Risk

Strategic Risk

Strategic risk is the risk of loss arising from adverse business decisions, improper implementation of decisions, or lack of responsiveness to industry changes i.e. the risk associated with implementing the wrong strategy or failing to correctly implement the chosen strategy.

The control and monitoring actions/principles underlying the strategic risk management of the Company are:

- Review at least annually the appropriateness of the high level overall objectives for the Company; the major risks facing the Company; the Risk Appetite for each of these major risks is also identified.
- Ensure the Company Strategy is implemented correctly including approval, review and monitoring of agreed Key Performance Indicators for the Company; and
- Ensure all plans are regularly reviewed to ensure that Risk Tolerances are not exceeded individually or in total.

Sensitivity Risk

The Actuarial Function assesses the impact of varying the underlying assumptions with respect to initial average severity and expected reported loss development on their Best Estimate of Noble's unpaid claim liabilities and vary severity of $\pm 20\%$ around the selected average severity as well as varying the paid and reported loss development patterns.

No other material risks have been identified.

Further quantitative detail on the risk is assessed and outlined in the Annual QRT's as set out in Appendix 1.

C.7. Any other information

There are no other material items to report in this section.

D. VALUATION FOR SOLVENCY PURPOSES

D.1. Assets

The recognition and valuation basis are in accordance with Solvency II Directives. The Company prepares its financial statements on a going concern basis in compliance with FRS 102, The Financial Reporting Standard applicable in the UK and Republic of Ireland ((hereafter referred to as “Irish GAAP”) and FRS 103, Insurance Contracts, issued by the Financial Reporting Council and promulgated for use by the Institute of Chartered Accountants Ireland. The Company is also subject to the requirements of the Companies Act 2014 and the European Union (Insurance undertakings: Financial Statements (Amendment) Regulations, 2016).

Noble uses the historical cost convention. It has 7 classes of assets.

- Deposits with credit institutions (US\$9.9m)
- Cash and cash equivalents (US\$8.3m)
- Reinsurers share of technical provisions (US\$914k)
- Insurance & intermediaries receivables (US\$1k)
- Receivables (trade, not insurance) (US\$2.9m)
- Reinsurance receivables (US\$130k)
- Other Assets (US\$123k)

There are a number of differences between the financial statement basis and the Solvency II valuation rules. Most of these differences are driven by the requirement for all assets and liabilities to be valued on a market consistent fair value basis under Solvency II.

At the end of the year, Noble has total assets valued at US\$ 22.7m for solvency purposes. This total comprises the following categories of assets:

- Deposits with credit institutions and Accrued Interest US\$9.9m
This amount represents short term deposits with an original maturity of one months or less, the withdrawal of which are subject to time restrictions. It is stated at market value for both solvency and financial statement purposes, the only difference being the inclusion of accrued interest in the above balance. Accrued interest is disclosed as a separate line item in the financial statements.

- Cash and cash equivalents US\$8.3m
Cash and cash equivalents comprise cash at banks. Carrying amounts approximate fair value due to the liquid nature of the assets. There are no valuation adjustments for solvency purposes.

- Receivables (trade, not insurance) US\$2.8m

This amount represents intercompany balances receivable and other debtors.

- Reinsurers’ share of technical provisions US\$1.4m

Reinsurers share of technical provision have been included within the Solvency II Technical Provisions.

- Any Other Assets US\$123k
Any other assets relate to prepaid expenses and escrow fund. Prepaid expenses of US\$1k is not admissible under Solvency II valuation.

The Prudent Person principle has been applied in assessing investment of the Company's assets.

D.2. Technical Provisions

The table below shows the gross and net Technical Provisions as at 28 December 2019.

Solvency II gross technical provisions (\$'000)

SII Line of Business	Claim Provision	Premium Provision	Best Estimate	Risk Margin	Total Technical Provisions
Property	55	(18)	37	10	47
Liability	5,449	(894)	4,555	984	5,539
Credit	-	-	-	-	-
Assistance	-	-	-	-	-
Misc	810	318	1,128	26	1,154
Total	6,314	(594)	5,719	1,021	6,740

Solvency II net technical provisions (\$'000)

SII Line of Business	Claim Provision	Premium Provision	Best Estimate	Risk Margin	Total Technical Provisions
Property	55	(18)	37	10	47
Liability	5,449	(1,100)	4,349	985	5,333
Credit	-	-	-	-	-
Assistance	-	-	-	-	-
Misc	145	(300)	(155)	26	(129)
Total	5,649	(1,418)	4,231	1,021	5,251

Insurance contracts are those contracts when the Company (the insurer) has accepted significant insurance risk from another party (the policyholder) by agreeing to compensate the policyholder if a specified uncertain future event (the insured event) adversely affects the policyholders. As a general guideline, the Company determines whether it has significant insurance risk, by comparing benefits paid with benefits payable if the insured event did not occur. Insurance contracts can also transfer financial risk.

Reserves for insurance contract liabilities and reinsurance assets are based upon management's best estimate of the ultimate liabilities and are determined with the assistance of an independent actuary. The reserves include estimates for both case reserves and losses incurred but not reported ("IBNR").

Once a contract has been classified as an insurance contract, it remains an insurance contract for the remainder of its lifetime, even if the insurance risk reduces significantly during this period, unless all rights and obligations are extinguished or expire.

Claims outstanding comprise provisions for the estimated cost of settling all claims incurred up to but not paid at the balance sheet date whether reported or not, together with all related claims handling expenses. The Company takes all reasonable steps to ensure that it has appropriate information regarding its claims exposures. In estimating the cost of claims notified but not paid, the Company has regard to claims circumstances as reported, any information available from loss adjusters and information on the cost of settling claims with similar characteristics in the previous period. Provisions for losses incurred but not reported are established by reference to loss ratio methodologies.

In determining the technical provisions, Noble's actuaries use the following methodologies;

The Chain Ladder ("CL") method estimates the ratio by which cumulative claims to date will increase (or decrease) at annual intervals from the date of policy inception. The 12 to 24 month ratio (for example) is estimated by taking the average ratio observed in policies 24 months or more from their date of inception. This approach assumes the earliest year of origin to experience no future movement. We do not adjust the claims experience for past inflation.

The selected factor for a particular development period can be subjectively adjusted from a crude average by the removal of outlying data points or by smoothing between selected factors in neighbouring development periods. In determining Chain Ladder development ratios Noble's claims data and also benchmark development data have been examined. The factors were applied to the total ground up paid and incurred claims to arrive at the estimated ultimate claim. The Chain Ladder method in isolation can be particularly unstable for recent, less-developed policy periods.

The Chain Ladder method can be performed on two bases: Paid Chain Ladder ("PCL") and Incurred Chain Ladder ("ICL").

The Loss Ratio Method is an exposure based expected loss approach that often applies the average ultimate loss ratio for earlier years of the portfolio to more recent exposures (e.g. turnover). It is sometimes referred to as the Initial Expected Loss Ratio ("IELR") method.

The Incurred Bornhuetter-Ferguson ("IBF") method is a blended method of claims development where estimates of ultimate claims derived using a loss development (or Chain Ladder) method are blended with the estimates derived using alternative methods. It is often blended with estimates using the IELR method. A blended approach is preferred for recent, less-developed policy periods because using the chain ladder method in isolation can be particularly unstable. In addition the use of a blended approach helps provide a smooth and consistent transition from past policy periods to partially complete and future periods.

The Generalised Cape Cod ("GCC") method is a Bornhuetter-Ferguson methodology in which the exposure based ultimate claims estimates are derived by considering the ratios of the Chain Ladder ultimates to exposure measures. An expected ratio is calculated for each policy period based on a weighted average adjusted for any significant trend, using a decay factor of 75%. The weights used reflect the exposure, the claims development and the proximity to the policy period in question. The proportions developed (Bornhuetter-Ferguson weights) are used to blend the Chain Ladder estimated ultimate claims with the exposure-based estimates.

The Exposure method estimates the ultimate value of claims in a given underwriting or accident year in proportion to the exposure measure in that year (e.g. premium or sum insured) compared to other similar years. This is most commonly done by applying an average of the ultimate loss ratio observed in earlier years. This approach gives no recognition to the current level of claims reported in the year under consideration. It is influenced only by claims experience and exposure levels in neighbouring years.

Relevant external factors that are not reflected in the exposure measure may also influence the selected expected ratio and may be incorporated into the Bornhuetter-Ferguson or Generalised Cape Cod methods in a subjective manner. Both methods may be performed on the basis of paid or incurred Chain Ladder projections.

EL (UK) Disease makes up a large proportion of the overall reserves held at year-end. Industrial disease claims associated with the EL UK (Accident) are extracted from this class and incorporated into the EL Disease data. For disease claims it is difficult to identify the date at which injury can be said to occur and claims are often divided between employers and insurance policy years in proportion to duration of employment of the claimant. Allocation is further complicated by the long latency period between injury and the onset of symptoms. For this reason, disease claims are grouped according to the date they were reported.

Each relevant type of disease is considered individually to allow for differing patterns of emergence and differing levels of settlements. Each disease is defined as Deafness or Asbestos, with Asbestos further divided into those claims arising from Asbestosis and those from Mesothelioma. The Deafness category included Tinnitus. Following the House of Lords ruling that Pleural Plaques claims are no longer compensable in England and Wales these are not included in our analysis.

Projected claim payments have been inflated for Mesothelioma and Asbestosis using benchmark inflation rates. Those payments have been projected on an annual basis with an assumption that the payments occur at the end of a year. These payments are not discounted for reserve setting within the Statutory Financial Statements.

There are no material changes in the relevant assumptions made in the calculation of technical provisions compared to the previous reporting period.

Solvency II Technical Provisions

Solvency II technical provisions are made up of the best estimate and a risk margin.

The best estimate is calculated by considering all future cash inflows and outflows required to settle the existing (re)insurance obligations over their lifetime. It represents the mean outcome of all possible scenarios, taking account of how likely they are to occur and their potential variability. In this regard, the best estimate is a probability-weighted average of future cash flows. The best estimate should also allow for the time value of money.

The Solvency II best estimate is calculated gross with any recoverables calculated separately following the same methodology. The gross best estimate is made up of a claim provision and a premium provision, relating to past and future exposures respectively.

The Solvency II claims provision is equivalent to the expected net present value of the best estimate claims reserve calculated, with additional allowances for a number of (re)insurance related cash flows, which are discussed in more detail below. The claims provision should also include all unpaid premium relating to earned exposures that are within payment terms.

Under the Solvency II contract boundary definition, any policies which have been bound, even if unaccepted as at the valuation date, must be considered in the premium provision. The Solvency II premium provision is therefore equivalent to the expected net present value of the following cash inflows and outflows, relating to unearned exposure from accepted contracts and exposure from unaccepted contracts bound as at the valuation date:

- Cash flows from future premiums in relation to future claims;
- Cash flows arising from future claim events (e.g. claims payments);
- Cash flows arising from Allocated loss adjustment expenses and Unallocated loss adjustment expenses in respect of claims events occurring after the valuation date;
- Cash flows arising from the ongoing administration of policies in-force as at the valuation date; and
- Cash flows arising from salvage and subrogation.

For profit making business, the best estimate of premium provisions may be negative.

Estimates are “best estimates” in the sense that they are intended to be a probability-weighted average of all possible outcomes. Noble has employed techniques and assumptions that are appropriate for the purpose of calculating its Solvency II technical provisions. The actual amounts required to meet future claim payments may differ from estimates for a number of reasons, such as model specification error, parameter error and random error due to the inherent uncertainty in insurance. External environment risk factors may cause material deviations in estimates of technical provisions, including persistent negative interest rates, inflation and currency exchange rate fluctuations.

The Solvency II risk margin is intended to represent an amount that Noble would be required to pay, in excess of the best estimate of the liabilities, for a third party to assume the risk of running of the existing liabilities. The actuarial calculation of the risk margin is consistent with the Solvency II

regulations, applying a 6% cost of capital to the amount of capital required at the beginning of each year to support the run-off of the insurance obligations. These future costs of capital are then discounted to the valuation date and summed to calculate the amount of risk margin required.

In calculating its technical provisions on a Solvency II basis, Noble has not applied any of the following items:

- matching adjustment referred to in Article 77b of Directive 2009/138/EC;
- volatility adjustment referred to in Article 77d of Directive 2009/138/EC;
- transitional risk-free interest rate-term structure referred to Article 308c of Directive 2009/138/EC; and
- transitional deduction referred to in Article 308d of Directive 2009/138/EC.

D.3. Other Liabilities

Aside from Technical provisions, the valuation of which is detailed above, Noble has 3 other principal classes of other liabilities;

- Payables (trade, not insurance) (US\$328k)
This amount relates to accrued expenses, tax payable and other creditors. There was a small adjustment due to discounting under Solvency II valuation.
- Deferred tax liability (US\$433k)

The Solvency II Balance Sheet takes into account a deferred tax liability of US\$433k which occurs as the Company has recognised more Solvency II funds than Own Funds on the Irish GAAP Balance Sheet as a result of higher technical provisions. The corporation tax rate of 12.5% is applied to the difference between Solvency II Funds and Shareholders' Equity on the Irish GAAP balance sheet. Amounts due from reinsurers are held at the lower of cost or market value/realizable value.

D.4. Alternative Methods of Valuation

No alternative methods were used.

D.5. Any Other Information

There is no other information to report

E. CAPITAL MANAGEMENT

E.1. Own Funds

The Company has put in place a Capital Management policy to ensure that 'Own Fund' items, both at issue and subsequently, meet the requirements of the Solvency II capital regime. The objectives of the policy are to ensure that on an on-going basis the Company has:

- own fund items available to meet its capital requirements; and
- developed processes to ensure the appropriateness of its own fund items.

As part of the annual review of the medium-term capital plan, the Company reviews the level, composition and classification of own fund items to ensure they continue to meet its own solvency needs, and its regulatory obligations in respect of Solvency Capital Requirement (SCR) and Minimum Capital Requirement (MCR). A 3 year forward looking time horizon is used for business planning purposes and any anticipated changes to the Company's business and risk profile are factored into the ORSA process to assess the solvency and capital needs over this business planning period. It is intended that the Company's capital needs will be managed out of its existing pool of own funds and the efficient management of the Company's insurance business. Should additional funds be required outside of that, they will be advanced by the Shareholder.

The Company's own funds consist of the following items:

- Issued Share Capital; and
- Retained Earnings.

Any change to the share capital requires the approval of the Shareholder and the Board. Retained earnings are adjusted on a quarterly basis to take account of the profits/losses earned in the period together with any Solvency II valuation adjustments.

The payment of dividends is considered on an annual basis by the Board as part of its medium-term capital assessment. Potential dividends will be considered as part of the Company's ORSA process to ensure that the Company will continue to meet its solvency needs over the business planning period. During the year, Noble paid a dividend of \$6m to its sole shareholder.

Any other qualifying own fund item requires the review and approval of the Board. In such instances, the Board must ensure that the terms and conditions of any own fund item are clear and unambiguous in relation to the capital classification.

Own fund items at the end of reporting period and the prior year comparative period are as follows:

	2019	2018
	US\$	US\$
Ordinary paid up share capital	8,000,000	8,000,000
Reconciliation reserve	7,187,657	10,440,175
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	(120,121)	(118,488)
Total Tier 1 capital	15,067,536	18,321,687

The movement in basic own funds during the reporting period reflects the profitability of the Company as adjusted for the differences on valuation of assets and liabilities under Solvency II. The reconciliation reserve represents the Company's retained profits as adjusted for Solvency II valuation principles. The adjustments which arise in the application of these principles are shown in the equity reconciliation below.

At the end of the current reporting period eligible own funds available to meet the Company's SCR and MCR is US\$15,067,537, comprised solely of Tier 1 capital.

The equity position as shown in the Company's 2019 period-end financial statements can be reconciled to the basic own funds balance under Solvency II as follows:

	2019
	US\$ ('000)
Equity per the Company's financial statements	12,154
Reconciliation Reserve	1,599
Expected profit in future premiums	1,435
Own funds (excess of assets over liabilities for solvency purposes)	15,188

The key adjustments on the Company's Solvency II balance sheet principally relates to technical provisions, and the related deferred tax impact. These adjustments are made to reflect a market consistent fair value basis under Solvency II and are set out in Section D of this report. A deferred tax liability is recognised due to the increase in the available capital between the financial statements and the regulatory own funds. Noble's solvency position is over 280% and consequently would remain sufficiently capitalised following an SCR event to allow it to continue to underwrite. Based on the 2018 level of profit before tax it would take just over 2 years to generate sufficient profits to recognise this deferred tax adjustment.

Noble has no ancillary own funds and there are no transitional arrangements impacting its capital calculations.

E.2. Solvency Capital Requirement & Minimum Capital Requirement

At the end of the current reporting period, Noble's SCR and MCR have been calculated as US\$ 5.3m and US\$4.1m

The SCR is intended to correspond to the capital the Company needs to hold in order to limit the probability of ruin, in the following 12 months, to 0.5%, i.e. ruin would occur less than once in every 200 years. The SCR calculated at the end of the current reporting period, relates to the capital required to support the business over the prospective 12 months; covering both existing liabilities and business written during 2019/2020. Based on the Company's eligible own funds of US\$15,068k, the Company has a solvency ratio at 28 December 2019 of 284%.

The SCR has been calculated using the standard formula and without the application of any undertaking specific parameters.

The split of SCR by risk modules is shown below, together with the prior year comparative:

Risk Charge	2019 US\$'000	2018 US\$'000	Change US\$'000
Premium/Reserve Risk	2,241	2,367	(126)
Catastrophe Risk	2,848	2,536	312
Lapse Risk	477	626	(149)
<i>Diversification Benefit</i>	(1,497)	(1,601)	104
Non-Life Underwriting Risk	4,069	3,928	141
Counterparty Default Risk	2,215	1,165	1,050
Interest Rate Risk	92	109	(17)
Equity Risk	-	-	-
Spread Risk	109	181	(72)
Currency FX Risk	310	462	(152)
Property Risk	-	-	-
Concentration Risk	918	1,320	(402)
<i>Diversification Benefit</i>	(429)	(627)	198
Market Risk	1,000	1,445	(445)
<i>Diversification Benefit</i>	(1,401)	(1,329)	(72)
BSCR	5,884	5,208	676
Operational Risk	172	157	15
Tax Adjustments	(757)	(671)	(86)
SCR	5,299	4,695	604
Available Capital	15,067	18,322	
Surplus/Deficit	9,768	13,627	(3,859)
Solvency Ratio	284%	390%	(106%)

The movement on the SCR from the prior year is mainly driven by the non-life underwriting risk module. The increase in Non-Life Underwriting Risk by US\$0.1m is due to actuaries change in approach to the natural catastrophe calculations driven by EIOPA updates and market feedback. The counterparty default risk has also increased driven by the increased amount of assets held in cash by US\$1.7m.

The MCR is calculated through a prescribed formula based on the net technical provisions (excluding the risk margin) and net written premium. It is also constrained to be between 25% and 45% of the SCR.

The following table provides the information on the inputs used to calculate the MCR:

	December 28, 2019
	US\$'000
Linear MCR	754
SCR	5,299
Combined MCR	1,324
Minimum Capital Requirement	4,103

Further to this, SI 485 sets out absolute minimum MCR values for non-life and life insurers, reinsurers and captives. In the case of Noble, as a non-life captive insurer writing liability business, this absolute floor is EUR 3,700,000. Having carried out the calculations and applied the relevant limits, the resultant MCR for the Company is US\$4,103k (equivalent of the absolute floor translated at the period-end exchange rate). The movement in MCR from the prior year reflects the change in EUR/USD exchange rates over the period.

E.3. Use of Duration Based Equity Risk Sub Module in calculation of the SCR

There was no use of duration-based equity risk sub module in the calculation of the SCR

E.4. Differences between the Standard Model & Any Internal Model

Noble used the Standard Model in determining the SCR and MCR and did not rely on any internal model.

E.5. Non-Compliance with Minimum Capital Requirement and Solvency Capital Requirement

There are no issues with non-compliance with the MCR and SCR

E.6. Any Other Information

There is no other information to report.

In respect of relevant quantitative information for this report please see Annual QRT extract in Appendix 1.

APPENDIX 1 - QUANTITATIVE REPORTING TEMPLATES

The following quantitative data has been added to Appendix 1.

S.02.01.02 – Balance sheet*

S.05.01 – Premiums, claims and expenses by line of business

S.05.02 – Premiums, claims and expenses by line of business

S.17.01.02 – Non-Life technical provisions*

S.19.01.21 – Claims Developments*

S23.01.01 – Own Funds*

S25.01.21 – SCR using standard formula*

S28.01.01 – MCR*

*templates subject to external audit.

S.02.01.02 - Balance Sheet (In thousands of USD)

		C0010
		Solvency II value
Assets		
R0030	Intangible assets	
R0040	Deferred tax assets	
R0050	Pension benefit surplus	
R0060	Property, plant & equipment held for own use	
R0070	Investments (other than assets held for index-linked and unit-linked contracts)	9,900
R0080	Property (other than for own use)	
R0090	Holdings in related undertakings, including participations	
R0100	Equities	0
R0110	Equities - listed	
R0120	Equities - unlisted	
R0130	Bonds	0
R0140	Government Bonds	
R0150	Corporate Bonds	
R0160	Structured notes	
R0170	Collateralised securities	
R0180	Collective Investments Undertakings	
R0190	Derivatives	
R0200	Deposits other than cash equivalents	9,900
R0210	Other investments	
R0220	Assets held for index-linked and unit-linked contracts	
R0230	Loans and mortgages	0
R0240	Loans on policies	
R0250	Loans and mortgages to individuals	
R0260	Other loans and mortgages	
R0270	Reinsurance recoverables from:	1,489
R0280	Non-life and health similar to non-life	1,489
R0290	Non-life excluding health	1,489
R0300	Health similar to non-life	
R0310	Life and health similar to life, excluding health and 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	
R0360	Insurance and intermediaries receivables	1
R0370	Reinsurance receivables	
R0380	Receivables (trade, not insurance)	2,846
R0390	Own shares (held directly)	
R0400	Amounts due in respect of own fund items or initial fund called up but not yet paid in	
R0410	Cash and cash equivalents	8,334
R0420	Any other assets, not elsewhere shown	120
R0500	Total assets	22,689

S.02.01.02 - Balance Sheet (In thousands of USD)

		C0010 Solvency II value
Liabilities		
R0510	Technical provisions – non-life	6,740
R0520	Technical provisions – non-life (excluding health)	6,740
R0530	Technical provisions calculated as a whole	
R0540	Best Estimate	5,719
R0550	Risk margin	1,021
R0560	Technical provisions - health (similar to non-life)	0
R0570	Technical provisions calculated as a whole	
R0580	Best Estimate	
R0590	Risk margin	
R0600	Technical provisions - life (excluding index-linked and unit-linked)	0
R0610	Technical provisions - health (similar to life)	0
R0620	Technical provisions calculated as a whole	
R0630	Best Estimate	
R0640	Risk margin	
R0650	Technical provisions – life (excluding health and index-linked and unit-linked)	0
R0660	Technical provisions calculated as a whole	
R0670	Best Estimate	
R0680	Risk margin	
R0690	Technical provisions – index-linked and unit-linked	0
R0700	Technical provisions calculated as a whole	
R0710	Best Estimate	
R0720	Risk margin	
R0730	Other technical provisions	
R0740	Contingent liabilities	
R0750	Provisions other than technical provisions	
R0760	Pension benefit obligations	
R0770	Deposits from reinsurers	
R0780	Deferred tax liabilities	433
R0790	Derivatives	
R0800	Debts owed to credit institutions	
R0810	Financial liabilities other than debts owed to credit institutions	
R0820	Insurance & intermediaries payables	
R0830	Reinsurance payables	
R0840	Payables (trade, not insurance)	328
R0850	Subordinated liabilities	0
R0860	Subordinated liabilities not in Basic Own Funds	
R0870	Subordinated liabilities in Basic Own Funds	
R0880	Any other liabilities, not elsewhere shown	
R0900	Total liabilities	7,502
R1000	Excess of assets over liabilities	15,188

S.05.01.02 - Premiums, claims and expenses (In thousands of USD)

		Line of Business for: non-life insurance and reinsurance obligations (direct business and accepted proportional reinsurance)			Line of business for: accepted non-proportional reinsurance				TOTAL
		Legal expenses insurance	Assistance	Miscellaneous financial loss	Health	Casualty	Marine, aviation, transport	Property	
		C0100	C0110	C0120	C0130	C0140	C0150	C0160	
Premiums written									
Gross - Direct Business	R0110			681					2,426
Gross - Prop reinsurance accepted	R0120								403
Gross - Non-Prop reinsurance accepted	R0130								0
Reinsurers' share	R0140			273					315
Net	R0200	0	0	408	0	0	0	0	2,514
Premiums earned									
Gross - Direct Business	R0210		0	678					2,422
Gross - Prop reinsurance accepted	R0220								399
Gross - Non-Prop reinsurance accepted	R0230								0
Reinsurers' share	R0240		0	269					311
Net	R0300	0	0	409	0	0	0	0	2,509
Claims incurred									
Gross - Direct Business	R0310			-341					50
Gross - Prop reinsurance accepted	R0320								1,005
Gross - Non-Prop reinsurance accepted	R0330								0
Reinsurers' share	R0340			-333					-333
Net	R0400	0	0	-8	0	0	0	0	1,389
Changes in other technical provisions									
Gross - Direct Business	R0410								0
Gross - Prop reinsurance accepted	R0420								0
Gross - Non-Prop reinsurance accepted	R0430								0
Reinsurers' share	R0440								0
Net	R0500	0	0	0	0	0	0	0	0
Expenses incurred	R0550			71					465
Other expenses	R1200								
Total expenses	R1300								465

S.05.02.01 - Premiums, claims and expenses by country (In thousands of USD)

		Home country	Country (by amount of GWP)					Total for top 5 countries and home country
			GB	IT	NL	PL		
		C0080	C0090	C0090	C0090	C0090	C0090	C0140
Premiums written								
Gross - Direct Business	R0110	2	2,040	98	75	55		2,270
Gross - Proportional reinsurance accepted	R0120		403					403
Gross - Non-proportional reinsurance accepted	R0130							0
Reinsurers' share	R0140	0	272	11	8	6		298
Net	R0200	2	2,171	87	67	49	0	2,376
Premiums earned								
Gross - Direct Business	R0210	2	2,091	84	65	47		2,288
Gross - Proportional reinsurance accepted	R0220		399					399
Gross - Non-proportional reinsurance accepted	R0230							0
Reinsurers' share	R0240	0	269	11	8	6		294
Net	R0300	1	2,221	73	56	41	0	2,393
Claims incurred								
Gross - Direct Business	R0310	-1	-911	-37	-28	-20		-997
Gross - Proportional reinsurance accepted	R0320							0
Gross - Non-proportional reinsurance accepted	R0330							0
Reinsurers' share	R0340							0
Net	R0400	-1	-911	-37	-28	-20	0	-997
Changes in other technical provisions								
Gross - Direct Business	R0410							0
Gross - Proportional reinsurance accepted	R0420							0
Gross - Non-proportional reinsurance accepted	R0430							0
Reinsurers' share	R0440							0
Net	R0500	0	0	0	0	0	0	0
Expenses incurred	R0550	0	401	16	12	9		439
Other expenses	R1200							
Total expenses	R1300							439

S.17.01.02 - Non Life technical provisions (In thousands of USD)

		Direct business and accepted proportional reinsurance											
		Medical expense insurance	Income protection insurance	Workers' compensatio n 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
		C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0120	C0130
Technical provisions calculated as a whole	R0010												
Total Recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default associated to TP calculated as a whole	R0050												
Technical provisions calculated as a sum of BE and RM													
Best estimate													
Premium provisions													
Gross	R0060							-18	-895				318
Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default	R0140								206				618
Net Best Estimate of Premium Provisions	R0150	0	0	0	0	0	0	-18	-1,101	0	0	0	-300
Claims provisions													
Gross	R0160							55	5,449				810
Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default	R0240												665
Net Best Estimate of Claims Provisions	R0250	0	0	0	0	0	0	55	5,449	0	0	0	145
Total Best estimate - gross	R0260	0	0	0	0	0	0	37	4,555	0	0	0	1,128
Total Best estimate - net	R0270	0	0	0	0	0	0	37	4,349	0	0	0	-155
Risk margin	R0280							10	985				26
Amount of the transitional on Technical Provisions													
Technical Provisions calculated as a whole	R0290												
Best estimate	R0300												
Risk margin	R0310												
Technical provisions - total													
Technical provisions - total	R0320	0	0	0	0	0	0	47	5,539	0	0	0	1,154
Recoverable from reinsurance contract/SPV and Finite Re after the adjustment for expected losses due to counterparty default - total	R0330	0	0	0	0	0	0	0	206	0	0	0	1,283
Technical provisions minus recoverables from reinsurance/SPV and Finite Re - total	R0340	0	0	0	0	0	0	47	5,333	0	0	0	-129

S.17.01.02 - Non Life technical provisions (In thousands of USD)

		Accepted non-proportional reinsurance				TOTAL
		Non-proportional health reinsurance	Non-proportional casualty reinsurance	Non-proportional marine, aviation and transport reinsurance	Non-proportional property reinsurance	
		C0140	C0150	C0160	C0170	
Technical provisions calculated as a whole	R0010					0
Total Recoverables from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default associated to TP calculated as a whole	R0050					0
Technical provisions calculated as a sum of BE and RM						
Best estimate						
Premium provisions						
Gross	R0060					-595
Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default	R0140					824
Net Best Estimate of Premium Provisions	R0150	0	0	0	0	-1,418
Claims provisions						
Gross	R0160					6,314
Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default	R0240					665
Net Best Estimate of Claims Provisions	R0250	0	0	0	0	5,649
Total Best estimate - gross	R0260	0	0	0	0	5,719
Total Best estimate - net	R0270	0	0	0	0	4,231
Risk margin	R0280					1,021
Amount of the transitional on Technical Provisions						
Technical Provisions calculated as a whole	R0290					0
Best estimate	R0300					0
Risk margin	R0310					0
Technical provisions - total						
Technical provisions - total	R0320	0	0	0	0	6,740
Recoverable from reinsurance contract/SPV and Finite Re after the adjustment for expected losses due to counterparty default - total	R0330	0	0	0	0	1,489
Technical provisions minus recoverables from reinsurance/SPV and Finite Re - total	R0340	0	0	0	0	5,251

S.19.01.21 - Claim development triangles (In thousands of USD)

Gross Claims Paid (non cumulative absolute amount)

		0	1	2	3	4	5	6	7	8	9	10+	Current year	All years
		C0010	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0170	C0180
Prior	R0100											23	23	23
N-9	R0160	1,190		85	245	534	900	45	6				0	3,006
N-8	R0170	2,604		108	146	489	50	2	1,543	323			323	5,263
N-7	R0180	1		61	325	87	71	1					0	545
N-6	R0190			74	121	187	104	1					1	487
N-5	R0200		28	77	38	93	29						29	264
N-4	R0210		9	6	135	24							24	173
N-3	R0220	6	33	48	103								103	191
N-2	R0230			24									24	24
N-1	R0240		6										6	6
N	R0250												0	0
Total													534	9,983

Gross undiscounted Best Estimate Claims Provisions - Development year (non cumulative absolute amount)

		0	1	2	3	4	5	6	7	8	9	10+	Year End (discounted data)
		C0200	C0210	C0220	C0230	C0240	C0250	C0260	C0270	C0280	C0290	C0300	
Prior	R0100												
N-9	R0160							89	55	55			
N-8	R0170						1,765	2,178	364				
N-7	R0180					221	10	14					
N-6	R0190				309	124	15						
N-5	R0200			510	279	876	800						791
N-4	R0210		147	84	56	21							21
N-3	R0220	5,167	527	207	166								164
N-2	R0230	4,303	214	44									44
N-1	R0240	4,763	247										243
N	R0250	5,415											5,051
Total													6,314

S.23.01.01 - Own funds (In thousands of USD)

		Total	Tier 1 - unrestricted	Tier 1 - restricted	Tier 2	Tier 3
		C0010	C0020	C0030	C0040	C0050
Basic own funds before deduction for participations in other financial sector as foreseen in article 68 of Delegated Regulation 2015/35						
Ordinary share capital (gross of own shares)	R0010	8,000	8,000			
Share premium account related to ordinary share capital	R0030	0				
Initial funds, members' contributions or the equivalent basic own - fund item for mutual and mutual-type undertakings	R0040	0				
Subordinated mutual member accounts	R0050	0				
Surplus funds	R0070	0				
Preference shares	R0090	0				
Share premium account related to preference shares	R0110	0				
Reconciliation reserve	R0130	7,188	7,188			
Subordinated liabilities	R0140	0				
An amount equal to the value of net deferred tax assets	R0160	0				
Other own fund items approved by the supervisory authority as basic own funds not specified above	R0180	0				
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						
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	R0220	120				
Deductions						
Deductions for participations in financial and credit institutions	R0230	0				
Total basic own funds after deductions	R0290	15,068	15,068	0	0	0
Ancillary own funds						
Unpaid and uncalled ordinary share capital callable on demand	R0300	0				
Unpaid and uncalled initial funds, members' contributions or the equivalent basic own fund item for mutual and mutual - type undertakings, callable on demand	R0310	0				
Unpaid and uncalled preference shares callable on demand	R0320	0				
A legally binding commitment to subscribe and pay for subordinated liabilities on demand	R0330	0				
Letters of credit and guarantees under Article 96(2) of the Directive 2009/138/EC	R0340	0				
Letters of credit and guarantees other than under Article 96(2) of the Directive 2009/138/EC	R0350	0				
Supplementary members calls under first subparagraph of Article 96(3) of the Directive 2009/138/EC	R0360	0				
Supplementary members calls - other than under first subparagraph of Article 96(3) of the Directive 2009/138/EC	R0370	0				
Other ancillary own funds	R0390	0				
Total ancillary own funds	R0400	0			0	0

S.23.01.01 - Own funds (In thousands of USD)

		Total	Tier 1 - unrestricted	Tier 1 - restricted	Tier 2	Tier 3
		C0010	C0020	C0030	C0040	C0050
Available and eligible own funds						
Total available own funds to meet the SCR	R0500	15,068	15,068	0	0	0
Total available own funds to meet the MCR	R0510	15,068	15,068	0	0	
Total eligible own funds to meet the SCR	R0540	15,068	15,068	0	0	0
Total eligible own funds to meet the MCR	R0550	15,068	15,068	0	0	
SCR	R0580	5,299				
MCR	R0600	4,103				
Ratio of Eligible own funds to SCR	R0620	2.843436354				
Ratio of Eligible own funds to MCR	R0640	3.672388193				

Reconciliation reserve

		C0060
Reconciliation reserve		
Excess of assets over liabilities	R0700	15,188
Own shares (held directly and indirectly)	R0710	
Foreseeable dividends, distributions and charges	R0720	
Other basic own fund items	R0730	8,000
Adjustment for restricted own fund items in respect of matching adjustment portfolios and ring fenced funds	R0740	
Reconciliation reserve	R0760	7,188
Expected profits		
Expected profits included in future premiums (EPIFP) - Life business	R0770	
Expected profits included in future premiums (EPIFP) - Non-life business	R0780	1,433
Total Expected profits included in future premiums (EPIFP)	R0790	1,433

S.25.01.21 - SCR using standard formula (In thousands of USD)

Basic Solvency Capital Requirement

		Gross solvency capital requirement	USP	Simplifications
		C0040	C0090	C0100
Market risk	R0010	1,001		
Counterparty default risk	R0020	2,216		
Life underwriting risk	R0030			
Health underwriting risk	R0040			
Non-life underwriting risk	R0050	4,069		
Diversification	R0060	-1,401		
Intangible asset risk	R0070			
Basic Solvency Capital Requirement	R0100	5,884		

Calculation of Solvency Capital Requirement

		Value
		C0100
Operational risk	R0130	172
Loss-absorbing capacity of technical provisions	R0140	
Loss-absorbing capacity of deferred taxes	R0150	-757
Capital requirement for business operated in accordance with Art. 4 of Directive 2003/41/EC	R0160	
Solvency Capital Requirement excluding capital add-on	R0200	5,299
Capital add-on already set	R0210	
Solvency capital requirement	R0220	5,299
Other information on SCR		
Capital requirement for duration-based equity risk sub-module	R0400	
Total amount of Notional Solvency Capital Requirements for remaining part	R0410	
Total amount of Notional Solvency Capital Requirements for ring fenced funds	R0420	
Total amount of Notional Solvency Capital Requirements for matching adjustment portfolios	R0430	
Diversification effects due to RFF nSCR aggregation for article 304	R0440	

S.28.01.01 - MCR (In thousands of USD)

Linear formula component for non-life insurance and reinsurance obligations		MCR components
		C0010
MCRNL Result	R0010	755

Background information		Background information	
		Net (of reinsurance/SPV) best estimate and TP calculated as a whole	Net (of reinsurance) written premiums in the last 12 months
		C0020	C0030
Medical expense insurance and proportional reinsurance	R0020		
Income protection insurance and proportional reinsurance	R0030		
Workers' compensation insurance and proportional reinsurance	R0040		
Motor vehicle liability insurance and proportional reinsurance	R0050		
Other motor insurance and proportional reinsurance	R0060		
Marine, aviation and transport insurance and proportional reinsurance	R0070		
Fire and other damage to property insurance and proportional reinsurance	R0080	37	403
General liability insurance and proportional reinsurance	R0090	4,349	1,703
Credit and suretyship insurance and proportional reinsurance	R0100		
Legal expenses insurance and proportional reinsurance	R0110		
Assistance and proportional reinsurance	R0120		
Miscellaneous financial loss insurance and proportional reinsurance	R0130		408
Non-proportional health reinsurance	R0140		
Non-proportional casualty reinsurance	R0150		
Non-proportional marine, aviation and transport reinsurance	R0160		
Non-proportional property reinsurance	R0170		

Linear formula component for life insurance and reinsurance obligations		C0040
MCRL Result	R0200	0

Total capital at risk for all life (re)insurance obligations		Net (of reinsurance/SPV) best estimate and TP calculated as a whole	Net (of reinsurance/SPV) total capital at risk
		C0050	C0060
Obligations with profit participation - guaranteed benefits	R0210		
Obligations with profit participation - future discretionary benefits	R0220		
Index-linked and unit-linked insurance obligations	R0230		
Other life (re)insurance and health (re)insurance obligations	R0240		
Total capital at risk for all life (re)insurance obligations	R0250		

Overall MCR calculation		C0070
Linear MCR	R0300	755
SCR	R0310	5,299
MCR cap	R0320	2,385
MCR floor	R0330	1,325
Combined MCR	R0340	1,325
Absolute floor of the MCR	R0350	4,103
Minimum Capital Requirement	R0400	4,103