

Solvency and Financial Condition Report

Cardinal Reinsurance Designated Activity Company

Financial Year end 31 December 2019

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Key contacts referenced in this Report at 31 December 2019

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Executive Summary

Cardinal Reinsurance Designated Activity Company ("Cardinal" or "the Company") is closed to new business and the focus of the Board and Management Team is the orderly run-off of the existing book of business and the associated claims provisions in line with their policy terms and conditions. Over time the volume of reserves is expected to diminish as claims are commuted or paid. As a consequence of being in run-off, the financial reporting is expected to reflect a diminishing level of premiums and reducing level of technical reserves. The Company holds sufficient assets to pay the claims emanating from the reserves in a timely manner. A primary responsibility of the Board is to ensure that the Company's capital is adequate to cover the required solvency, and the expected operational requirements given the nature, scale and complexity of the business. Several mechanisms are in place to evaluate the level of capital and the outcome of those assessments indicates that the Company's capital is adequate at 31 December 2019 and for the expected requirements over the course of the run-off. The purpose of the SFCR is to provide policyholders with a concise overview of the business written, system of governance, risk profile and solvency position over the reported year.

Solvency II

Solvency II came into force with effect from 1 January 2016. The regime required new reporting and public disclosure arrangements to be put in place by reinsurers. This document is the fourth Solvency and Financial Condition Report ("SFCR") that is required to be published by Cardinal. Solvency II focuses on risk-based assessment of the company's activities and this produces a Solvency Capital Requirement ("SCR") which is compared with the assets available to meet that SCR.

Besides underwriting risk, other significant risks identified by the Company as part of the SCR calculation process are market risk and counterparty risk. Market risk primarily arises from the Company's portfolio of financial investments \$20.9m (2018: \$20.1m) invested in money market funds and bank deposits. The cash at bank is with well-known banks and together with funds held by reinsurance counterparties exposes the company to a counterparty default risk. The tables below summarise the company's capital position and capital requirements as at 31 December 2019:

Risk Type	2019 USD \$m	2018 USD \$m
Non-Life	3.3	3.5
Health	0.1	0.1
Market	2.6	3.2
Counterparty	0.1	0.2
Total before diversification	6.1	7.0
Diversification	(1.4)	(1.6)
Basic Solvency Capital Requirement	4.7	5.4
Operational Risk	0.7	0.8
Solvency Capital Requirement	5.4	6.2

	USD \$m	USD \$m
	2019	2018
Total eligible own funds to meet the SCR	11.5	11.7
Solvency Capital Requirement (SCR)	5.4	6.2
Ratio of Eligible own funds to SCR	212%	188%

As required by legislation this report outlines the Business and Performance of the Company, it's System of Governance, Risk Profile, Valuation for Solvency Purposes and Capital Management for 2019.

On 4th December 2019 the Central Bank of Ireland ("CBI") approved a change of ownership of the Company whereby Buttonwood Holdings Ltd, a party co-sponsored by Quest Group the previous minority indirect shareholder (9.5%) and Mangrove Partners, will purchase 100% of the share capital of Cardinal Re. The ILS Group, the previous majority indirect shareholder (90.5%) will no longer have any interest in the Company. As this change of ownership was not completed until 6 March 2020 a number of important proposed changes to the Organisational Structures and Balance Sheet of the Company are not reflected in this document. The proposed key changes include:

- Changes to the Board and Committees of the Company
- Commutation of the current Reinsurance Arrangements
- A \$4.20m capital injection
- Changes to key Outsourcing Arrangements
- A doubling in size of the investment portfolio of the Company
- Changes to the Investment Policy of the Company

The Board of Directors of the Company has reviewed the new Business Plan submitted by the proposed new owners which projects that the Company will continue to maintain a strong Solvency Capital Coverage ratio which will be in line with the Risk Appetite established by the Board of a minimum of 122% and all the proposed changes are reflected in the Company's most recent ORSA which was submitted to the CBI.

A. Business and Performance

A.1. Business and external environment

Cardinal is a Designated Activity Company. This report forms part of the Annual Submission to the Central Bank of Ireland who is the responsible supervisory authority under the Solvency II regime.

Cardinal was established in Dublin in 1999 and underwrote traditional treaty reinsurance both on a proportional and non-proportional basis and facultative business. The primary lines of reinsurance business are;

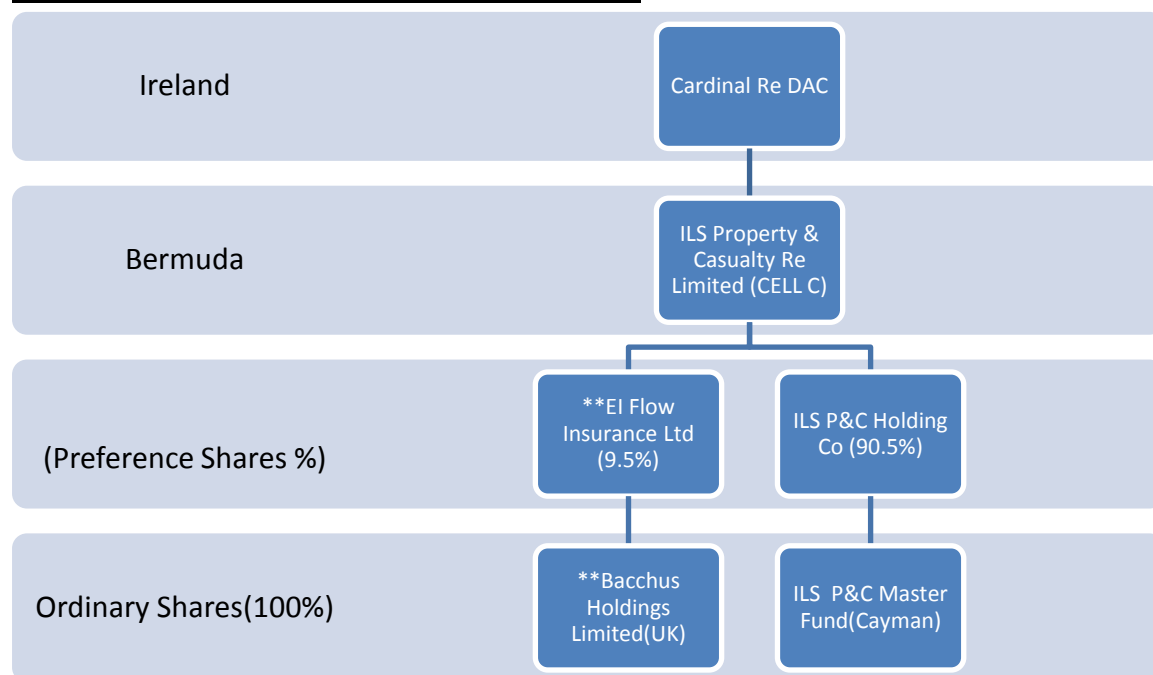
- Marine, aviation and transport insurance
- Fire and other damage to property insurance
- General liability insurance
- Credit and suretyship insurance
- Casualty
- Workers' compensation insurance and
- Motor vehicle liability insurance.

The Company discontinued writing new business from 31 December 2012 and went into run-off. The Company had written primarily short-tailed proportional treaties in Asia and Europe although it also wrote some excess of loss business ("XL") and longer tailed business. Cardinal had branch offices in Singapore (closed 2018) and Labuan (closed 2017). Cardinal wrote reinsurance business (mainly Fire, Marine and Engineering) through its Dublin, Singapore and Labuan entities covering regions specific to those locations. The company was acquired by ILS Property & Casualty Re Limited ("ILS"), a company incorporated in Bermuda, on 31 July 2015.

The company entered into two reinsurance agreements with ILS on 31 July 2015; a 50% quota share retrocession agreement in relation to the Dublin business and a Loss Portfolio transfer agreement in relation to Singapore and Labuan branch business, ceding 100% of risk to ILS subject to an aggregate limit. On 30 December 2016, the underwriting assets and liabilities of the Labuan Branch were assumed by the head office in Dublin and the branch ceased operations on 12 April 2017 following the surrender of its reinsurance licence to the Labuan FSA. On 1 July 2018 the remaining underwriting assets and liabilities of the Singapore Branch were assumed by the head office in Dublin and the branch ceased operations and the legal closure of the Singapore branch was completed during the first half of 2019.

The Company's financial year runs to 31 December each year and it reports results in USD (United States Dollars).

Simplified Group Structure (reversed Hierarchy)



****Part of the Quest Group**

The external auditor, internal auditor and registered office are noted on page 4 of this report. The Central Bank of Ireland is responsible for the financial supervision of the company.

As detailed in Section B of this report the company has outsourced a number of key functions to certain related parties, Armour Risk Management Limited (a company owned by the ILS group) and Quest Consulting (London) Limited (a company owned by the Quest Group), together with the outsourcing of other services to non-related service providers.

A.2. Performance from underwriting activities

Cardinal had written primarily short-tailed proportional treaties in Asia and Europe although it also wrote some excess of loss business ("XL") and longer tailed business. Cardinal wrote reinsurance business (mainly Fire, Marine and Engineering) through its Dublin, Singapore and Labuan offices covering regions specific to those locations, i.e. Europe, Asia and the Middle East. Despite being in run-off premiums continue to emanate, predominantly from India, Kuwait, China and United Arab Emirates. As set out in Section C.1 under "Underwriting Risk", Cardinal has Gross reserves for the following lines of business;

- Proportional workers' compensation insurance
- Proportional fire and other damage to property reinsurance
- Proportional marine, aviation and transport reinsurance
- Proportional general liability reinsurance and
- Proportional credit and suretyship reinsurance
- Non-proportional health reinsurance
- Non-proportional casualty reinsurance
- Non-proportional marine, aviation and transport reinsurance

For business sourced from Singapore and Labuan, Cardinal has retrocession cover in place, with ILS, as at 31 December 2019 under which 100% of case reserves and IBNR is ceded. For business sourced in Dublin the company has a 50% Quota Share retrocession agreement in place with ILS. The reserves ceded through the retrocession arrangements are fully collateralised by means of a Trust Account arrangement under which Cardinal is the sole beneficiary.

Cardinal continues to settle claims and seek commutations with the reinsured companies. During 2019 Cardinal had a small positive claims incurred result primarily due to a reduction in reported reserves and IBNR. Cardinal has received USD 0.05 million in premium adjustments in 2019 (2018: \$0.6m). The premium reduction was expected as the company is not actively underwriting new business.

When estimating the cost of claims outstanding at the year-end, the principal assumptions underlying the estimates are the Company's historic development patterns and expected loss ratios. This includes assumptions in respect of historic claims costs, average claims handling expenses and market developments.

A detailed analysis of the underwriting performance is shown in **Appendix Form S.05.01.02**

A.3. Performance from Investment Activities

From 2016, Cardinal had invested in high quality corporate and government bonds and money market funds, denominated in US Dollars. The value of assets under management is impacted by asset performance, as well as claim payments, commutations and dividend payments. The Company is closed to new business which results in a reducing total asset value year on year. During 2018 Cardinal liquidated its bond portfolio and increased its money market fund investments together with investing some of the proceeds in fixed bank deposits. The Board adopted these changes as it felt the cost of managing a reducing fixed income portfolio was too high combined with the need to build more liquidity into the portfolio. The change did not significantly impact the investment quality of the investment portfolio

Investment income comprises, interest and other income receivable, realised gains and losses on investments and unrealised gains and losses. Interest is accounted for on a time proportion basis. Other income arises mainly from money market funds. The investment expenses are not a significant expense in the context of the company's total expenses. There were no gains and losses recognised directly in equity.

<u>Investment Income</u>	2019		2018
	\$000s		\$000s
Income from deposits with credit institutions	470		420
Income from debt securities	-		(77)
Other income	19		65
Total investment income	489		408

A.4. Performance from other Activities

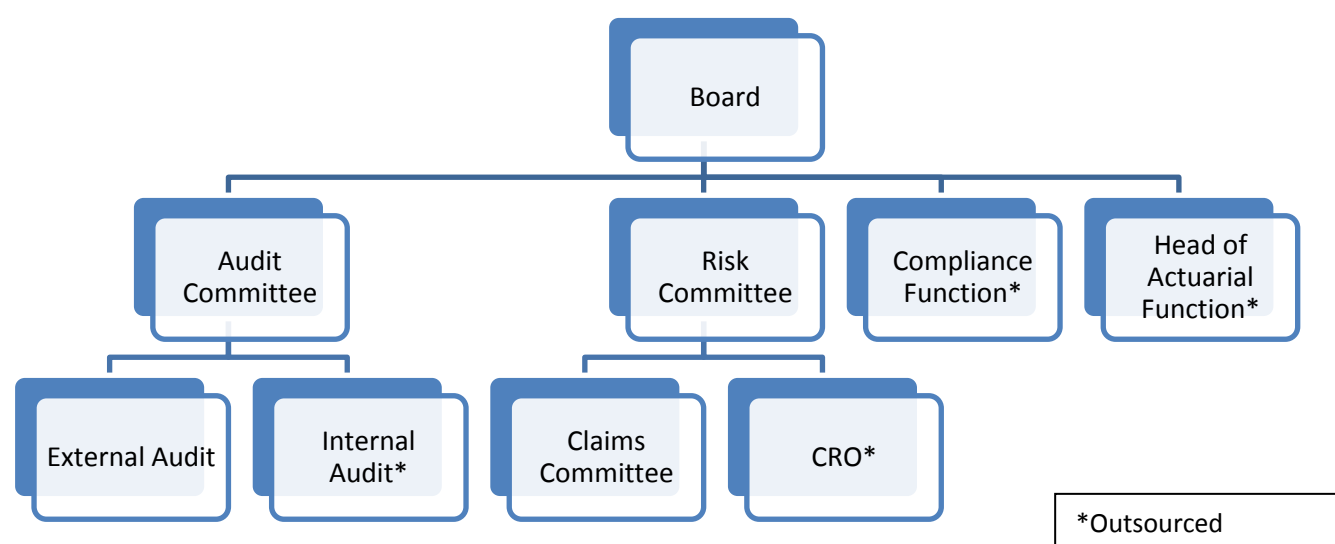
Cardinal currently has a number of key outsourced arrangements in place pertaining to claims handling, finance, actuarial, internal audit and compliance. Claims handling and elements of the finance, actuarial and IT functions are outsourced to related entities. As is the nature of a run-off company the most material expenses relate to the claims handling costs and other outsource expenses. Cardinal's management and Board continue to monitor the performance of these outsource services providers and consider their performance satisfactory in 2019.

B. System of Governance

B.1. General information on the system of Governance

The Company is classified as a Low Risk entity under the CBI's risk-based framework for the supervision of regulated firms, known as PRISM or Probability Risk and Impact System and is subject to the CBI's Corporate Governance Requirements for Insurance Undertakings 2015. The Governance Framework is designed to focus on the company's key objectives and control the risk arising from the business by allocating responsibility for managing and monitoring these risks and providing clear channels for reporting these risks. The Company's Board of Directors carry responsibility for the oversight of the business and sets its strategy and risk appetite.

Board and Committee Structure



The Board of directors consisted of seven directors at 31 December 2019 as follows;

- Brad Huntington (Chairman & Non-Executive Director)
- Aodh O'Murchu (CEO and Executive Director)
- Ian Britchfield (Independent Non-Executive Director & Audit Committee Chair)
- David Enright (Independent Non-Executive Director & Risk Committee Chair)
- Jeremy Fall (Non-Executive Director)
- Sean McDermott (Chief Risk Officer and Executive Director)
- John Williams (Non-Executive Director)

Pauline Richards, a Non-Executive Director, resigned from the Board on 15 November 2019

The Chief Executive Officer has responsibility for the operations, finance function, compliance and performance which includes the smooth running of the business and effective function of the day-to-day operations of Cardinal. The Board retains ultimate authority for all strategic issues and management

decisions of Cardinal including effective, prudent and ethical oversight as well as setting the company strategy and ensuring that risk and compliance are properly managed. The board may delegate its powers for purposes within specific terms of reference to committees. The committees act in an advisory capacity to the board. The Board has two direct reporting committees, the Audit Committee and Risk Committee.

The Audit Committee is responsible for;

- Monitoring the effectiveness of the systems of internal control, internal audit, risk management and IT systems,
- Monitoring the effectiveness of the statutory audit process and to liaise with the external auditor particularly in relation to their audit findings,
- Reviewing the integrity of the financial statements and to ensure that they give a “true and fair view” of the financial status and
- Reviewing, monitoring and assessing the independence of the statutory auditor, and in particular the provision of additional services and
- Reviewing any financial announcements and reports and recommending to the Board whether to approve the company’s annual accounts

The Audit committee is supported by External Audit and Internal Audit. The external auditors PWC were replaced by Mazars in December 2019. The change was at the request of the proposed new owners of the company. The appointed audit partner is Robert Hamill of Mazars. The Chief Executive Officer/Head of Finance reports to the Audit Committee on finance matters and he is supported by Armour Risk Management Limited who provide professional services relating to the business activities of the company (e.g. accounting, payments and actuarial).

The Risk Committee is responsible for ensuring there are adequate systems in place to effectively identify, monitor and control the key risks of Cardinal and in particular to;

- Review and advise the Board on the effectiveness and further development of the risk management function, the current risk exposures and future risk strategy, including suggesting relevant stress scenarios on which to base the ORSA,
- Advise the Board on risk appetite and the tolerance levels for future strategy, taking account of the Board’s overall risk appetite, the current financial position and, drawing on the work of; the CRO, the actuarial & compliance functions, the Audit Committee, the External Auditor and Internal Auditor and
- Oversee the risk management function.

The Risk Committee is supported in this role by the CRO and Claims Committee. The CRO maintains the Risk Register and reports to the Risk Committee on a quarterly basis. The Risk Register identifies key risks, which are classified into high, medium or low risks and notes the related controls in place to mitigate any adverse effect of these risks. The Claims Committee monitors the key risk of adverse claims development over the life of the run-off book of business and actively engages with Quest Consulting (London) Ltd. the claims management provider, in assessing material commutations and large claims settlements.

Independent Control Functions:

The Company has established the four key independent control functions required under the Corporate Governance Requirements for Insurance Undertakings 2015 - Risk Management, Compliance, Actuarial and Internal Audit. These functions are responsible for providing oversight of and challenge to the business and for providing assurance to the Board in relation to the Company’s control framework.

Chief Risk Officer (“CRO”):

A Chief Risk Officer, Sean McDermott is appointed, via a formal outsourcing arrangement with Quest, to oversee the implementation of the Company’s Risk Management Policy, reporting to the Board Risk Committee and the Company’s Chief Executive Officer. The responsibilities of the Chief Risk Officer include:

- The oversight of the smooth-running of and adherence to the Company’s Enterprise Risk Management framework (ERM)
- To be the focal point for risk events reporting and for new and emerging risks, such that these can be assessed and material issues reported to the Board Risk Committee, who will determine whether the issue is of such significance that it needs to be brought to the attention of the Board and/or the Company’s regulator
- To ensure that the annual ‘Own Risk and Solvency Assessment’ (ORSA) report is prepared, following engagement with the Risk Committee and the Board in respect of identifying the key risks and strategies of the company. The CRO will ensure that the final ORSA is approved by the Board

Compliance Officer:

The Compliance Officer is Ms Joan Moore of Aon Insurance Managers (Dublin) Limited (“AIMD”), via a formal outsourcing arrangement with responsibility for the implementation of the Company’s Compliance Policy and effective processes. Ms Moore replaced John McNamara who resigned from his employment with AIMD during the year. The Compliance Officer reports to the Board Risk Committee and the Board, and raises issues as they arise, to the Company’s Chief Executive Officer. The responsibilities of the Compliance Officer include:

- assisting the Board with ensuring ongoing compliance with legislation and applicable requirements
- enhancing the Company’s awareness of compliance matters
- monitoring the Company’s compliance with reinsurance legislation and applicable requirements and guidelines
- documenting any breaches identified, how they were addressed and whether any third-party reporting of the breach is required
- ensuring that the Board is kept informed of any amendment to the applicable regulations, legislation and guidelines or the addition of any new requirements and the potential impact on the Company
- through their opinions, recommendations, supervision and independent controls providing reasonable assessment of the effectiveness and consistency of the internal processes used to control the compliance of the Company’s operations and protect its reputation.

Head of Actuarial Function (“HoAF”):

Stuart Wrenn is the appointed HoAF, this role is outsourced via an agreement with Armour, this adds oversight of the Company’s Actuarial Function. The responsibilities of the HoAF and the Actuarial Function, in line with guidance from the Central Bank of Ireland and the Society of Actuaries, include, but are not limited to the following matters:

- Coordinating the calculation of the firm’s technical provisions
- Assessing the consistency of the internal and external data used in the calculation of technical provisions against the data quality standards as set out in Solvency II Regulations
- Continuous monitoring of the solvency position of the Company and the required level of statutory reserves
- Reporting on the solvency position of the Company

- The provision of advice and support to the Company on the ORSA (Own Risk and Solvency Assessment) process, including the financial consequences of stresses and scenarios and the impact of management actions.

Head of Internal Audit

The Head of Internal Audit function is outsourced to Trevor Nelson, the Armour Group Internal Audit Manager. The function provides independent and objective assurance services, via a formal outsourcing arrangement in respect of the Company's processes, as carried out by its service providers with due regard to the adequacy of the governance, risk management and internal control framework. The Head of Internal Audit reports to the Chairman of the Audit Committee. The Audit Committee oversees the 'risk based' Audit Plan and outcomes thereof. Internal Audit reports highlight any significant control failings or weaknesses identified and the impact they have had or may have and the actions and timings which management have agreed to take to rectify them.

B.2. Fit and Proper Requirements

The Company is satisfied its framework for fitness and propriety is appropriate to ensure that individuals fulfilling controlled functions meet all relevant regulatory requirements.

The company is satisfied that the management (including outsourced functions) and the Board, contain enough expertise and collectively possess appropriate qualifications, experience and knowledge about:

- insurance and financial markets;
- business strategy and business model;
- system of governance;
- financial analysis; and
- regulatory framework and requirements

The Central Bank Reform Act 2010 provides that a person performing a controlled function ('CF') must have a level of fitness and probity appropriate to the performance of that particular function. The Company has adopted a Fitness and Probity Policy which is aligned with the 2010 act and with the Central Bank of Ireland's Guidance on Fitness and Probity Standards 2014.

The Board's review of the continued suitability of directors to continue is evidenced by;

- Annual Self-Assessment
- Approval of directors' appointments and approved persons,
- Oversight of outsource service providers

The Board is responsible for ensuring individuals meet the regulators' fit and proper tests, prior to appointment, by checking that the person has the qualifications, experience, competence and capacity appropriate to the relevant function and the Company performs the requisite review to ensure the person is;

- competent and capable;
- acting honestly, ethically and with integrity; and
- financially sound

Further, approved persons are required to complete an annual attestation confirming that the fit and proper requirements for the role have been met and that they continue to adhere to the Company's standards of conduct.

The Directors responsibilities are stated in the company's Constitution. In addition, Directors are aware of the CBI's Corporate Governance Requirements with particular reference to Non-Executive Directors and Independent Non-Executive Directors. Directors are kept informed of their responsibilities by the Compliance Officer.

Approval from the CBI is required prior to the appointment of PCF role holders by the Company's Board. PCF role holders include all members of the Board as well as the Head of Actuarial Function, Head of Finance, Chief Risk Officer, Compliance Officer and Head of Internal Audit.

Cardinal seeks to ensure that members of the Board, and PCFs possess enough professional qualifications, knowledge and experience in the relevant areas of the business to give adequate assurance that they are collectively able to provide a sound and prudent management of the entity. The assessment of whether a person is 'fit' shall take account of the respective duties allocated to that person and, where relevant, the insurance, financial, accounting, actuarial and management skills of the person. In the case of members of the board, the assessment shall take account of the respective duties allocated to individual members to ensure appropriate diversity of qualification, knowledge and relevant experience to ensure that the business is managed and overseen in a professional manner.

Key functions

Key Function	Rationale
Actuarial & Claims	<p>Cardinal is a general reinsurance company which has been in run-off since December 2012. Accurate actuarial review of reserving is considered a key task to enable both the Board and key stakeholders to effectively monitor the remaining portfolio and ensure an efficient run-off for the policyholders.</p> <p>Being a company in run-off, a primary focus is on the accurate and timely payment of all valid claims. Therefore, this is a key focus for the Board to ensure an efficient claims management process is in operation.</p>
Finance	<p>Finance is considered a key function to ensure the company effectively manages capital requirements and liquidity in line with regulatory requirements. Further, future run-off costs are a key consideration and as such the financial management, including expense cost control is critical to the continued operation. The maintenance and support of the ledger system is provided by Armour Risk Management Limited. The CEO, Mr Aodh O Murchu also holds the Head of Finance role following the approval of the Central Bank of Ireland to hold the dual CEO/Head of Finance roles which was obtained in March 2019.</p>
Risk	<p>The management of risks facing the company is important. This includes the ability to identify, quantify, manage and anticipate outcomes and their potential effects on the company and its remaining run-off.</p> <p>Given the very conservative investment policy of the Company most of the risk is derived from the claims' liabilities. Therefore close monitoring of claims activity is a key function. A regular report to the Claims Committee is provided by Quest Consulting (London) Ltd, who are claims management experts.</p>
Internal audit	<p>Internal audit is considered a key control point to provide comfort to the Board and key stakeholders that statutory and regulatory operating thresholds and requirements are met and that the operation is being run in the optimum way to protect policyholders.</p>
Compliance	<p>Fit and proper, regulatory and statutory requirements are essential and required to be met for the protection of policyholders and shareholders.</p>

B.3. Risk Management System

Cardinal risk management structure and organisational roles are detailed below



Board of Directors and Risk Committee: The Board is responsible for general oversight and monitoring of the risk management system. The Board has formed a Risk Committee which monitors the risk function and provides oversight of the risk management framework of Cardinal Re and reports to the Board.

CEO and CRO Role: The CEO and the CRO are responsible for oversight of risk management operations. They will coordinate to evaluate status of risk management function and enforce measures to improve the process. The CEO, Mr Aodh O Murchu also holds the Head of Finance role following the approval of the Central Bank of Ireland to hold the dual CEO/Head of Finance roles which was obtained in March 2019.

Internal Auditor: Mr Trevor Nelson of the Armour Group was the Head of Internal Audit for 2019 having been appointed in 2018.

Key risks are market risk on the Investment Portfolio and the risk of claims deterioration which has not been anticipated in the claim reserving figures. The investment risk is monitored by management and reported to the Board on a quarterly basis and any deviations from the benchmark performance are explained to the Board and remedial action taken if necessary. The material claims reserves per cedant are reviewed on a regular basis by the Claims Committee to assess any new information available which would result in a change in the claim reserving levels. The company places reliance on the business continuity plans of its IT provider Armour Risk Management Limited and Quest Consulting (London) Limited.

Process of Risk Management

The process of risk management is a continuous and systematic one, comprising 5 elements:

a) Identification. All directors of Cardinal ensure that risks are identified relating to their respective areas of responsibility, and in addition collectively identify risks to the overall business. This includes risks outside the control of the company.

b) Assessment. Only risks material to the business are included in the Risk Register. Risks are assessed to firstly evaluate their impact on the business if they materialised, and secondly the probability of the risk materialising. The assessment is carried out on the risk with no mitigating controls in place ('gross' scores), and with mitigating controls in place ('net' scores). The residual financial impact is managed in several ways, including:

- mitigating the impact of the risk through the application of controls;
- transferring or sharing risk through outsourcing and purchasing of insurance and reinsurance;
- and
- tolerating risk in line with the risk appetite.

c) Response. All risks will be dealt with as and when they arise, by the responsible director, the CRO the function holder, or the Board as appropriate. Decisions about changes to key risks will be recorded on the Risk Register and detailed in the minutes of the relevant meeting.

d) Monitoring. A register of all identified risks is maintained by the CRO, the 'Risk Register'. The CRO will review all items contained therein. Key risks pertaining to an area of the business are included for consideration in Internal Audit planning. The CRO also monitors the Company's adherence to stated risk appetites and tolerances.

e) Reporting. Material risk events are reported to the CRO as and when they occur, and the CRO ensures they are considered at the appropriate Board meeting. The CRO will ensure the Risk Register is updated regarding states and degree of risk.

Risk Appetite

Risk appetite is the nature and extent of the significant risks the Board is willing to take in achieving its strategic objectives; those risks that it wants to actively engage with. The Board's risk appetite for the areas of risk within the business is stated in the Risk Register. The Board determines the Risk Appetite of the company and delegates the review and monitoring of performance against the determined risk appetites to the CRO and Risk Committee. The reviews are undertaken at each Committee meeting and recorded in the minutes of said meeting. The Risk Committee proposes any recommended changes to risk appetite to the Board for consideration. If the CRO identifies that the Company's risk appetite is being exceeded, or close to being exceeded the Risk Committee will alert the Board who will decide whether to apply additional mitigating measures to reduce the risk back into the risk appetite, or whether to review the Company's stated risk appetite.

B.4. ORSA Process

Cardinal is using the Solvency II Standard Formula to calculate the Solvency Capital Requirement (SCR) which feeds into the calculation of the Risk Appetite and Solvency II requirements. The Board has approved the Risk Appetite of the Company.

Own Risk and Solvency Assessment ('ORSA') is a central component of the Company's Risk Management Framework and the key internal process undertaken by the Company to determine the own funds necessary to ensure that the Company's overall solvency needs are always met. The risk management framework comprises several risk management components, which when added together describe how risk is managed on a day to day basis. The ORSA addresses all key risks both internal and external that are applicable to the Company and considers the business strategy and required capital.

The ORSA process includes:

- Review and Update of ORSA policy and process
- Review of Risk Management policies and plans
- Review of business plan, expense projections and strategy
- Results from quantitative analysis and review of base assumptions
- Regular review of risk registers and risk appetite outputs and metrics
- Review, testing and assessment by the Actuarial Function
- Review, assessment and reporting from the CRO
- Review and challenge from the Risk Committee/ Board
- Issue final ORSA for approval and submit to CBI

The Board will review, approve and sign off the ORSA at least annually. There is a Risk Committee meeting held to assess the current risk scenarios and assess their suitability for the current operating environment or if new scenarios and stresses are warranted. Scenario testing has been completed on an individual as well as a combined basis. The management calculate the SCR based on the standard formula and apply the suggested stress tests, which are then reviewed by the Board.

As the company is in run off, and the ultimate objective of the company is to cease business, the company's risk profile as outlined in the ORSA, is expected to decrease as run off provisions decrease and the company may reduce the capital in the company through dividends, in an appropriate manner, as the risk profile decreases.

B.5. Internal control system

The Company operates a robust system of controls over the recognition and reporting of transactions. The company understands the controls in place by key service providers which ensure that the information reported is accurate and timely.

Financial Services

Subject to delegated authorities and/or limits specified by the Board, Armour Risk Management Limited in conjunction with the CEO/Head of Finance administers bank accounts, cash management, processing of cash receipts and disbursements, and any transactions related to treasury services on behalf of the company. Dual signatures are the minimum requirement on all payments.

Financial reports are prepared on a quarterly basis, with explanatory statements for key movements in the period for management review. Regulatory and statutory reporting are subject to the review and approval of the Board.

IT Services

As part of the services provided by Armour Risk Management Limited, the company has in place disaster recovery plans and systems as required by the regulator or the Board.

B.6. Actuarial function

The function of Head of Actuarial Function (HoAF) is outsourced to Stuart Wrenn of Armour Holdings, this adds an oversight of the Company's Actuarial Function. The responsibilities of the HoAF and the Actuarial Function, in line with guidance from the Central Bank of Ireland and the Society of Actuaries, include, but are not limited to the following matters:

- coordinating the calculation of the firm's technical provisions
- assessing the consistency of the internal and external data used in the calculation of technical provisions against the data quality standards as set in Solvency II
- continuous monitoring of the solvency position of the Company and the required level of statutory reserves
- reporting on the solvency position of the Company
- the provision of advice and support to the Company on the ORSA (Own Risk and Solvency Assessment) process, including the financial consequences of stresses and scenarios and the impact of management actions

The HoAF is responsible for producing an annual actuarial opinion on technical provisions to be submitted to the CBI in accordance with the SII annual quantitative reporting templates. In addition, HoAF must present an actuarial report on technical provisions, at least in summary form, to the board at the same time as the actuarial opinion on technical provisions and in full within two months of that date.

B.7. Compliance function

The Board of the Company has ultimate responsibility for its compliance objectives.

To help achieve these objectives, the Board has engaged Aon Insurance Managers (Dublin) Limited to operate the Compliance Function, to assist the Board in meeting its responsibilities to ensure compliance with legislation and applicable requirements. Joan Moore is the Compliance Officer under an outsourcing agreement with Aon Insurance Managers Dublin Limited.

Compliance

The role of the Board appointed Compliance Officer is to:

- assist the Board with ensuring ongoing compliance with legislation and applicable requirements
- enhancing the Company's awareness of compliance matters
- monitor the Company's compliance with reinsurance legislation and applicable requirements and guidelines
- document any breaches identified, how they were addressed and whether any third-party reporting of the breach is required
- ensure that the Board is kept informed of any amendment to the applicable regulations, legislation and guidelines or the addition of any new requirements and the potential impact on the Company
- through their opinions, recommendations, supervision and independent controls provide reasonable assessment of the effectiveness and consistency of the internal processes used to control the compliance of the Company's operations and protect its reputation.

The Compliance Officer will promptly report matters of compliance concern to the Board.

In any event the Compliance Officer will present a report to the Board at each board meeting which outlines the following:

- Details of regulatory correspondence with the Company
- Details of regulatory developments
- Details of which controls were tested since the last report and the results of the tests
- Conclusions and recommendations on the Company's compliance with reinsurance legislation and guidelines

B.8. Internal audit

The Head of Internal Audit function is outsourced to Trevor Nelson of the Armour Group. The function provides independent and objective assurance services, via a formal outsourcing arrangement in respect of the Company's processes, including those carried out by its service providers with due regard to the adequacy of the governance, risk management and internal control framework. The outsourcing of this service enhances its independence. The Head of Internal Audit reports to the Company's Chairman of the Audit Committee. The Audit Committee oversees the 'risk based' Audit Plan and outcomes thereof. Internal Audit Reports highlight any significant control failings or weaknesses identified and the impact they have had or may have and the actions and timings which management have agreed to take to rectify them.

B.9. Outsourcing policy

Although activities may be transferred to an outsourced provider, the responsibility, including regulatory responsibility is not. Cardinal remains fully responsible for meeting all its obligations when outsourcing functions or activities. Outsourcing of critical or important functions or activities shall not be undertaken in such a way as to lead to any of the following:

- Materially impairing the quality of the system of governance of the undertaking concerned;
- Unduly increasing the operational risk;
- Impairing the ability of the supervisory authorities to monitor the compliance of the undertaking with its obligations; and
- Undermining continuous and satisfactory service to cedants.

The company has formally documented its outsourcing policy and undertakes a risk assessment and due diligence process prior to any final decision being made as to whether to outsource a material business activity. This addresses all material factors that would impact on the potential service provider's ability to perform the business activity. Each established outsourcing arrangement is also subject to on-going monitoring and formal annual review.

The CEO has responsibility for reviewing any outsourced key functions. Certain operational activities are outsourced via robust service agreements. This includes service agreements with;

- Armour Risk Management Limited ("Armour Risk") in respect of the financial reporting, actuarial and IT,
- Quest Consulting (London) Ltd ("Quest") in respect of the claims' management;
- Aon Insurance Managers (Dublin)Limited ("AIMD") in respect of Company Secretarial, Compliance and Regulatory Support, and

The CEO relies on the outsourced functions to provide Cardinal with a controlled environment in which to run off the claims' liabilities.

B.10. Other disclosures

Remuneration Policy

All remuneration to staff and directors comprises a fixed annual amount. All outsourcing agreement fees are based upon either a fixed fee or an agreed hourly cost. Neither the remuneration schemes nor the outsource agreements have any incentive-based remuneration.

There are no pension schemes or share options provided by Cardinal.

Related Party Transactions-

Apart from the balances and transactions disclosed elsewhere in this report, there were the following significant transactions, with its related parties:

	2019	2018
	USD	USD
<u>Related companies</u>		
Armour Risk Management Limited - Management Fees	283,203	283,329
Quest Consulting (London) Limited - Management Fees	254,122	357,605
ILS Property & Casualty Re Limited - Service Fees	109,863	115,945

C. Risk profile

C.1. Underwriting risk

The company ceased underwriting new business on 31/12/2012 and it has been in run-off since. As a reinsurer, the company has limited access to data on underlying exposures, so claims relating to any residual exposure are modelled as part of Reserve Risk.

Reserve Risk is the risk that future claim payments exceed the current Best Estimate. This could arise, for example, from late reporting of claims, uncertainty due to litigation, claims inflation, an unforeseen increase in claims handling expenses, or latent claims. The company substantially mitigates this risk via collateralised Quota Share reinsurance agreements from its parent ILS P&C Re, under which 100% of business written through the Labuan and Singapore branches and 50% of the business written through the Dublin head office is reinsured.

The table shows the breakdown of Reserve Risk by Solvency II line of business.

Line of Business(LoB) Type	LoB Type	SCR USD'000	SCR USD'000
		2019	2018
Motor Liability	Non-Life	0	0
MAT	Non-Life	204	228
Fire & other damage to property	Non-Life	834	858
General liability	Non-Life	247	257
Credit & Suretyship	Non-Life	512	541
Assistance	Non-Life	0	0
Workers' Comp	Non-SLT Health	0	1
Non-prop. Property RI	Non-Life	1,132	1,286
Non-prop. Casualty RI	Non-Life	1,243	1,239
Non-prop. MAT RI	Non-Life	740	938
Non-prop. Health RI	Non-SLT Health	96	101
Total undiversified Reserve Risk		5,008	5,449
Diversification between LoBs		-1,730	-1,786
Diversified Reserve Risk		3,278	3,663

The company's strategy is to run-off the business in a proper and orderly manner. It aims to commute inwards reinsurance agreements by mutual consent with the cedants.

The Claims & Commutation Settlement Committee meets regularly to review claims development and the progress of the commutation strategy.

C.2. Market risk

Market Risk is the risk of financial loss due to exposure to financial markets and economic conditions. Its key components are Currency Risk, Spread Risk, Concentration Risk and Interest Rate Risk.

The table shows a breakdown of Market Risk by the underlying Risk Types.

Risk Type	USD \$'000	USD \$'000
	2019	2018
Interest rate	0	0
Equity	0	0
Property	0	0
Spread	306	951
Currency	2,464	2,540
Concentration	428	1,204
Total before diversification	3,198	4,695
Diversification credit	-605	-1,531
Market Risk after diversification	2,593	3,164

A key component of Market Risk is Currency Risk which is the risk of losses due to changes in foreign exchange rates. The company has liabilities denominated in over 20 currencies. The retrocession arrangements mitigate this risk and the company seeks to further mitigate Currency Risk by holding matching assets for the major currencies (USD, EUR and SGD) although, it is not practical to match liabilities at all times and in every currency.

The table shows a currency breakdown of Currency Risk.

Currency	Currency Risk USD \$'000	Currency Risk USD \$'000
	2019	2018
EUR	1,277	1,344
SGD	163	172
INR	220	193
TRY	47	46
Other	757	785
Total	2,464	2,540

Spread Risk is the risk that the value of investments reduces due to a reduction in the perceived creditworthiness of the issuers of debt instruments. The company mitigates this by holding assets with high-quality credit ratings, although such assets tend to have lower expected returns.

The table shows of breakdown of Spread Risk by EIOPA Credit Quality Step.

EIOPA Credit Quality Step	USD \$'000 2019	USD \$'000 2018
0		-
1	138	38
2	92	26
3	9	89
4	0	0
5	67	798
6	-	-
Unrated	-	-
Total Spread Risk	306	951

Concentration Risk reflects the risk of having large exposures to single counterparties. The company's concentrated risk capital requirement is minimal as it has mitigated the risk by diversifying exposure to a larger number of counterparties.

Interest Rate Risk is the risk of losses due to changes in market interest rates, which can affect both the market value of assets and the discounted value of liabilities. It can be mitigated by matching asset and liability cashflows by amount, term and currency.

The company's strategy is to adopt an appropriate and conservative investment strategy to preserve assets whilst generating a modest investment return.

C.3. Credit/Counterparty Risk;

Credit Risk on investment assets is covered in Market Risk under both Spread Risk and Concentration Risk. Credit Risk also arises from operational activities, e.g. the exposures to cedants, reinsurers or clearing banks. Under Solvency II this is referred to as Counterparty Risk.

The table shows a breakdown of Counterparty Risk by type of exposure.

Exposure type	Counterparty Risk USD \$'000 2019	Counterparty Risk USD \$'000 2018
Cash at Bank	112	145
Mortgage/Other Receivables	57	77
RI/SPV Securitisation		-
Sundry		0
Total Spread Risk before diversification	169	222
Diversification credit	-48	-31
Spread Risk after Diversification	121	191

The company's claims settlement and commutation strategy will reduce exposure to cedants as exposure will be settled or netted off against claim liabilities.

Counterparty risk is relatively low as Cardinal determined that it should calculate the exposure to counterparties on a net basis rather than the gross basis calculation. In practice Cardinal treats all exposures on a net basis whereby claims will not be paid if there are outstanding debtor balances due.

The reinsurance from ILS P&C Re is fully collateralised in order to mitigate Counterparty Risk and as a result there is a nil capital requirement in respect of the reinsurance recoveries.

C.4. Liquidity risk;

Liquidity Risk is the risk of financial losses due to cash flow problems, for example if the company was forced to pay for a loan facility in order to pay cash calls.

This risk is mitigated by holding substantial cash balances and investing in marketable assets that can easily be converted into cash. As the company has been in run off for a number of years, it does not anticipate any future premiums.

C.5. Operational risk;

Operational Risk is the risk of a failure of systems or processes leading to a financial loss. This risk is mitigated by strong corporate governance and risk management.

Placing a value on this risk is very difficult due to the diverse nature of the underlying risks and availability of meaningful data. Under the Standard Formula it is calculated as 3% of Gross Technical provisions.

C.6. Other material risk

While Brexit is a cause of uncertainty in the market the company is in the Republic of Ireland and has very little exposure to the UK insurance market. This means that there is likely to be little practical impact on the company's insurance exposures. However, many company functions are performed in the UK, so there is a risk that legislative changes could affect the company's ability to administer the business from the UK and/or the cost of doing so.

With the increase of dependence on electronic communications and the volume of electronic data storage, there is increasing cyber security risk of data theft, and malicious data and service disruption within the industry. Along with the rapidly expanding 'digitisation' of corporate assets, there has been a corresponding digitisation of corporate risk. The Company outsources its IT services to Armour Risk Management Limited.

Following the development of a significant number of cases of the Coronavirus ("Covid-19") across the world, a public health emergency of international concern was declared in January 2020. This resulted in national governments implementing several stringent measures including city lockdowns and closure of non-essential retail outlets and workplaces to contain the growth of the pandemic. The development of the Covid-19 pandemic during the first quarter of 2020 has impacted the company. However, given that the company is in run-off this impact will be limited. The Company's Board and Chief Executive Officer can

continue to carry out their duties while the business continuity plans for the outsource service providers has ensured continuity of outsourced services. The company is in the process of implementing a new investment strategy and will develop that strategy taking account of the additional uncertainties arising in the global economies.

D. Valuation for Solvency Purposes

The following table summarises the company's Solvency II and GAAP assets and liabilities as at 31 December 2019 and 31 December 2018:

	31 December 2019			31 December 2018		
Asset (\$000s)	Solvency II	GAAP	Variance	Solvency II	GAAP	Variance
Investments	20,946	17,865	3,081	20,076	17,062	3,014
Cash and cash equivalents	2,019	5,100	- 3,081	3,375	6,389	- 3,014
Trade and other debtors	5,622	5,622	-	6,054	6,054	-
Total Assets	28,587	28,587	-	29,505	29,505	-
Liabilities (\$000s)						
Technical Provisions (net)	12,108	8,028	4,080	13,084	8,685	4,399
Other Liabilities	4,939	4,939	-	4,697	4,697	-
Total Liabilities	17,047	12,967	4,080	17,781	13,382	4,399

D.1. Assets

Assets are valued on the following bases:

Cash and cash equivalents

Cash and cash equivalents comprise cash at bank and in hand and demand deposits and other short-term highly liquid investments that are readily convertible to a known amount of cash and are subject to an insignificant risk of changes in value. They are valued at fair value.

Financial instruments

Trade and other debtors / creditors

Trade and other debtors/creditors are recognised initially at transaction price plus attributable transaction costs. Subsequent to initial recognition they are measured at historical cost less any impairment losses in the case of trade debtors. If the arrangement constitutes a financing transaction, for example if payment is deferred beyond normal business terms, then it is measured at the present value of future payments discounted at a market rate of interest for a similar debt instrument.

Interest-bearing borrowings classified as basic financial instruments

Interest-bearing borrowings are recognised initially at fair value less attributable transaction costs. Subsequent to initial recognition, interest-bearing borrowings are stated at amortised cost using the effective interest method, less any impairment losses.

Investments are stated at Market value.

Financial instruments not considered to be Basic financial instruments (Other financial instruments)

Other financial instruments not meeting the definition of Basic Financial Instruments are recognised initially at fair value. Subsequent to initial recognition other financial instruments are measured at fair value with changes recognised in profit or loss, this includes investments in Money Market Funds.

D.2. Technical Provisions

Technical Provisions are the best estimate of the future cash flows arising from claim payments and expenses, as well as any corresponding recoveries from ceded reinsurance.

Claim payments have been projected based on current case reserves, historic claim payments and a Development Factor Model.

While every effort has been made to project claims realistically, it is important to recognise that there remains significant uncertainty as to the ultimate cost of claims. The best estimate may under or over-estimate their eventual cost.

The table shows the breakdown of the Solvency II Technical Provisions into their component parts by Line of Business as at 31 December 2019:

Solvency II Technical Provisions by LoB Type USD \$'000	Case Reserves	IBNR	Expense Reserves	Gross Reserves	Discounting	Risk Margin	Gross Technical Provisions	RI Reserves	Net Technical Provisions
Motor Liability	0	0	0	0	0	0	0	0	0
MAT	1,230	124	339	1,693	-51	32	1,674	-887	787
Fire & other damage to property	6,312	951	1,740	9,003	-370	177	8,809	-5,327	3,482
General liability	1,357	102	374	1,833	-89	42	1,786	-873	913
Credit & Suretyship	1,099	152	303	1,554	8	63	1,625	-664	960
Assistance	0	0	0	0	0	0	0	0	0
Workers' Comp	7	0	2	9	0	0	9	-7	2
Non-prop. Property RI	2,320	416	639	3,375	-34	187	3,528	-1,454	2,074
Non-prop. Casualty RI	2,562	707	706	3,974	-46	322	4,251	-1,857	2,393
Non-prop. Health RI	205	0	57	262	1	10	273	-103	170
Non-prop. MAT RI	1,614	301	445	2,361	-79	94	2,375	-1,049	1,327
Total	16,708	2,752	4,604	24,064	-661	927	24,330	-12,222	12,108

The table shows the restatements required to convert the GAAP Technical Provisions to a Solvency II basis as at 31 December 2019:

USD \$'000	Gross	RI	Net
GAAP Technical Provisions	20,634	-12,606	8,028
Expense reserves*	3,764	0	3,764
Remove margin for uncertainty	-342	0	-342
Discounting	-661	390	-271
Risk Margin	927	0	927
Other	9	-5	3
Solvency II Technical Provisions	24,330	-12,222	12,108

* GAAP Expense Provisions are solely in respect of direct claims handling expenses and a share of overheads, while Solvency II Expense Provisions include all future costs relating to existing business.

Future claim payments are discounted at the EIOPA risk free rates for the relevant currency.

The Solvency II Risk Margin reflects the cost of the capital required to maintain the company's regulatory solvency position while the business runs off.

The table shows the breakdown of the Solvency II Technical Provisions into their component parts by Line of Business as at 31 December 2018:

Solvency II Technical Provisions by LoB Type USD \$'000	Case Reserves	IBNR	Expense Reserves	Gross Reserves	Discounting	Risk Margin	Gross Technical Provisions	RI Reserves	Net Technical Provisions
Motor Liability	-	-	-	-	-	-	-	-	-
MAT	1,497	216	398	2,111	-89	34	2,056	-1,182	874
Fire & other damage to property	7,022	1,542	1,868	10,432	-634	174	9,972	-6,308	3,664
General liability	1,424	141	379	1,945	-142	42	1,845	-898	947
Credit & Suretyship	1,137	202	302	1,641	1	62	1,705	-694	1,011
Assistance	-	-	-	-	-	-	-	-	-
Workers' Comp	13	-	3	17	-1	-	16	-3	13
Non-prop. Property RI	2,665	544	709	3,918	-81	200	4,037	-1,694	2,343
Non-prop. Casualty RI	2,731	816	727	4,274	-174	318	4,418	-2,035	2,383
Non-prop. Health RI	220	1	59	280	0	10	290	-111	179
Non-prop. MAT RI	2,038	588	542	3,168	-147	118	3,139	-1,458	1,680
Total	18,747	4,051	4,988	27,786	-1,267	958	27,477	-14,393	13,084

The table shows the restatements required to convert the GAAP Technical Provisions to a Solvency II basis as at 31 December 2018:

USD \$'000	Gross	RI	Net
GAAP Technical Provisions	23,808	-15,122	8,686
Expense reserves*	4,354	0	4,354
Remove margin for uncertainty	-384	0	-384
Discounting	-1,266	733	-533
Risk Margin	958	0	958
Other	7	-4	3
Solvency II Technical Provisions	27,477	14,393	13,084

D.3. Other Liabilities

See *Trade and other debtors / creditors* under D.1 Assets.

D.4. Alternative Methods for 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's Own Funds are all Tier 1 and consist of \$3,540k (2018 \$3,540k) of Issued Share Capital and accumulated income of \$8,000k (2018 \$8,184k). As such these funds are wholly under the company's control.

E.2. Solvency Capital Requirement ("SCR") and Minimum Capital Requirement ("MCR")

The company's SCR as at 31/12/2019 was \$5,438k (2018: \$6,229k) and its Own Funds were \$11,540k (2018 \$11,724k) giving a Solvency Ratio of 212% (2018:188%).

The table shows a breakdown of the SCR by Risk Type:

Risk Type	2019 USD \$000	2018 USD \$000
Non-Life	3,277	3,561
Health	96	102
Market	2,594	3,164
Counterparty	121	191
Total before diversification	6,088	7,018
Diversification	(1,353)	(1,584)
Basic Solvency Capital Requirement	4,735	5,434
Operational Risk	703	795
Solvency Capital Requirement	5,438	6,229

The MCR is \$4,044k (2018: \$4,123k) which is in line with the Absolute Minimum Capital Requirement specified by EIOPA \$4,044k (€3,600k).

The company has not taken advantage of any Transitional Arrangements, Volatility Adjustment or Undertaking Specific Parameters.

E.3. Use of the Duration-Based Equity Risk Sub-Module in the Calculation of the Solvency Capital Requirement

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

E.4.SCR differences if standard formula or internal model used

Not applicable.

E.5.Non-compliance with SCR/MCR

The company has had sufficient Own Funds to cover its SCR and MCR throughout the period covered by this report.

E.6.Any Other Information

There is no other information to report.

Appendices

Quantitative reporting templates

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 in the format of development triangles,
S.23.01.01	Own funds, including basic own funds and ancillary own funds
S.25.01.21	Solvency Capital Requirement calculated using the standard formula,
S.28.01.01	Minimum Capital Requirement for reinsurance undertakings engaged in non-life reinsurance activity

Cardinal Reinsurance DAC

Solvency and Financial Condition Report

Disclosures

31 December

2019

(Monetary amounts in USD thousands)

General information

Undertaking name	Cardinal Reinsurance DAC
Undertaking identification code	635400WWL9RCVBLJGU57
Type of code of undertaking	LEI
Type of undertaking	Reinsurance undertakings
Country of authorisation	IE
Language of reporting	en
Reporting reference date	31 December 2019
Currency used for reporting	USD
Accounting standards	Local GAAP
Method of Calculation of the SCR	Standard formula
Matching adjustment	No use of matching adjustment
Volatility adjustment	No use of volatility adjustment
Transitional measure on the risk-free interest rate	No use of transitional measure on the risk-free interest rate
Transitional measure on technical provisions	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

		Solvency II value
Assets		C0010
R0030	Intangible assets	
R0040	Deferred tax assets	
R0050	Pension benefit surplus	
R0060	Property, plant & equipment held for own use	0
R0070	Investments (other than assets held for index-linked and unit-linked contracts)	20,946
R0080	<i>Property (other than for own use)</i>	0
R0090	<i>Holdings in related undertakings, including participations</i>	0
R0100	<i>Equities</i>	0
R0110	<i>Equities - listed</i>	
R0120	<i>Equities - unlisted</i>	
R0130	<i>Bonds</i>	0
R0140	<i>Government Bonds</i>	0
R0150	<i>Corporate Bonds</i>	0
R0160	<i>Structured notes</i>	0
R0170	<i>Collateralised securities</i>	0
R0180	<i>Collective Investments Undertakings</i>	17,865
R0190	<i>Derivatives</i>	
R0200	<i>Deposits other than cash equivalents</i>	3,081
R0210	<i>Other investments</i>	0
R0220	Assets held for index-linked and unit-linked contracts	
R0230	Loans and mortgages	0
R0240	<i>Loans on policies</i>	0
R0250	<i>Loans and mortgages to individuals</i>	
R0260	<i>Other loans and mortgages</i>	
R0270	Reinsurance recoverables from:	12,222
R0280	<i>Non-life and health similar to non-life</i>	12,222
R0290	<i>Non-life excluding health</i>	12,111
R0300	<i>Health similar to non-life</i>	111
R0310	<i>Life and health similar to life, excluding index-linked and unit-linked</i>	0
R0320	<i>Health similar to life</i>	
R0330	<i>Life excluding health and index-linked and unit-linked</i>	
R0340	<i>Life index-linked and unit-linked</i>	
R0350	Deposits to cedants	3,650
R0360	Insurance and intermediaries receivables	1,253
R0370	Reinsurance receivables	719
R0380	Receivables (trade, not insurance)	
R0390	Own shares (held directly)	
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	2,019
R0420	Any other assets, not elsewhere shown	
R0500	Total assets	40,809

S.02.01.02

Balance sheet

		Solvency II value
		C0010
Liabilities		
R0510	Technical provisions - non-life	24,330
R0520	<i>Technical provisions - non-life (excluding health)</i>	24,048
R0530	<i>TP calculated as a whole</i>	0
R0540	<i>Best Estimate</i>	23,131
R0550	<i>Risk margin</i>	917
R0560	<i>Technical provisions - health (similar to non-life)</i>	282
R0570	<i>TP calculated as a whole</i>	0
R0580	<i>Best Estimate</i>	273
R0590	<i>Risk margin</i>	10
R0600	Technical provisions - life (excluding index-linked and unit-linked)	0
R0610	<i>Technical provisions - health (similar to life)</i>	0
R0620	<i>TP calculated as a whole</i>	
R0630	<i>Best Estimate</i>	
R0640	<i>Risk margin</i>	
R0650	<i>Technical provisions - life (excluding health and index-linked and unit-linked)</i>	0
R0660	<i>TP calculated as a whole</i>	
R0670	<i>Best Estimate</i>	
R0680	<i>Risk margin</i>	
R0690	Technical provisions - index-linked and unit-linked	0
R0700	<i>TP calculated as a whole</i>	
R0710	<i>Best Estimate</i>	
R0720	<i>Risk margin</i>	
R0740	Contingent liabilities	0
R0750	Provisions other than technical provisions	
R0760	Pension benefit obligations	
R0770	Deposits from reinsurers	
R0780	Deferred tax liabilities	
R0790	Derivatives	
R0800	Debts owed to credit institutions	0
R0810	Financial liabilities other than debts owed to credit institutions	0
R0820	Insurance & intermediaries payables	4,753
R0830	Reinsurance payables	
R0840	Payables (trade, not insurance)	166
R0850	Subordinated liabilities	0
R0860	<i>Subordinated liabilities not in BOF</i>	
R0870	<i>Subordinated liabilities in BOF</i>	0
R0880	Any other liabilities, not elsewhere shown	21
R0900	Total liabilities	29,270
R1000	Excess of assets over liabilities	11,540

Premiums, claims and expenses by line of business

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	
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		
C0010	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0120	C0130	C0140	C0150	C0160	C0200	
Premiums written																	
Gross - Direct Business																	0
Gross - Proportional reinsurance accepted						0	202	0	1								203
Gross - Non-proportional reinsurance accepted												0	-56	5	-103	-154	
Reinsurers' share																0	
Net			0	0		0	202	0	1			0	-56	5	-103	49	
Premiums earned																	
Gross - Direct Business																	0
Gross - Proportional reinsurance accepted						0	202	0	1								203
Gross - Non-proportional reinsurance accepted												0	-56	5	-103	-154	
Reinsurers' share																0	
Net			0	0		0	202	0	1			0	-56	5	-103	49	
Claims incurred																	
Gross - Direct Business																	0
Gross - Proportional reinsurance accepted			-4	0		-250	-371	-50	-47								-722
Gross - Non-proportional reinsurance accepted												-2	-87	-623	-384	-1,096	
Reinsurers' share			-4	0		-259	-444	-35	-19			-3	-100	-402	-228	-1,495	
Net			0	0		8	74	-15	-28			1	13	-221	-155	-323	
Changes in other technical provisions																	
Gross - Direct Business																	0
Gross - Proportional reinsurance accepted																	0
Gross - Non-proportional reinsurance accepted																0	
Reinsurers' share																0	
Net			0	0		0	0	0	0			0	0	0	0	0	
Expenses incurred																	
			0	0		93	482	66	65			10	161	100	140	1,117	
Other expenses																	
																116	
Total expenses																1,233	

S.05.02.01

Premiums, claims and expenses by country

Non-life

R0010

	C0010	C0020	C0030	C0040	C0050	C0060	C0070
Home Country	Top 5 countries (by amount of gross premiums written) - non-life obligations			Top 5 countries (by amount of gross premiums written) - non-life obligations		Total Top 5 and home country	
	BH	IT	IN	AE	QA		
	C0080	C0090	C0100	C0110	C0120	C0130	C0140

Premiums written

R0110 Gross - Direct Business

R0120 Gross - Proportional reinsurance accepted

R0130 Gross - Non-proportional reinsurance accepted

R0140 Reinsurers' share

R0200 Net

Premiums earned

R0210 Gross - Direct Business

R0220 Gross - Proportional reinsurance accepted

R0230 Gross - Non-proportional reinsurance accepted

R0240 Reinsurers' share

R0300 Net

Claims incurred

R0310 Gross - Direct Business

R0320 Gross - Proportional reinsurance accepted

R0330 Gross - Non-proportional reinsurance accepted

R0340 Reinsurers' share

R0400 Net

Changes in other technical provisions

R0410 Gross - Direct Business

R0420 Gross - Proportional reinsurance accepted

R0430 Gross - Non-proportional reinsurance accepted

R0440 Reinsurers' share

R0500 Net

R0550 Expenses incurred

R1200 Other expenses

R1300 Total expenses

							0
11	77	26	28	27	14		183
0	0	4	0	0	-1		3
							0
11	77	30	28	27	13		186
							0
11	77	26	28	27	14		183
0	0	4	0	0	-1		3
							0
11	77	30	28	27	13		186
							0
-186	34	-25	-83	-345	345		-260
0	0	-702	-20	16	2		-704
							0
-186	34	-727	-103	-329	347		-964
							0
							0
							0
0	0	0	0	0	0		0
12	-13	137	62	-3	22		216
							147
							362

S.17.01.02
Non-Life Technical Provisions

Direct business and accepted proportional reinsurance																	Accepted non-proportional reinsurance				Total Non-Life obligation						
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												
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	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																	0	0	0	0	0						
R0050																	0	0	0	0	0						
Technical provisions calculated as a sum of BE and RM																											
Best estimate																											
Premium provisions																											
R0060	Gross																0	0	0	0	0						
Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default																	0	0	0	0	0						
R0140																	0	0	0	0	0						
R0150	Net Best Estimate of Premium Provisions																0	0	0	0	0						
Claims provisions																											
R0160	Gross																9	0	1,642	8,633	1,744	1,562	263	3,928	2,281	3,341	23,404
Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default																	7	0	887	5,327	873	664	103	1,857	1,049	1,454	12,222
R0240																	7	0	887	5,327	873	664	103	1,857	1,049	1,454	12,222
R0250	Net Best Estimate of Claims Provisions																2	0	755	3,306	871	898	160	2,071	1,233	1,887	11,182
R0260	Total best estimate - gross																9	0	1,642	8,633	1,744	1,562	263	3,928	2,281	3,341	23,404
R0270	Total best estimate - net																2	0	755	3,306	871	898	160	2,071	1,233	1,887	11,182
R0280	Risk margin																0	0	32	177	42	63	10	322	94	187	927
Amount of the transitional on Technical Provisions																											
R0290	Technical Provisions calculated as a whole																0	0	0	0	0	0	0	0	0	0	0
R0300	Best estimate																0	0	0	0	0	0	0	0	0	0	0
R0310	Risk margin																0	0	0	0	0	0	0	0	0	0	0
R0320	Technical provisions - total																9	0	1,674	8,809	1,786	1,625	273	4,251	2,375	3,528	24,330
Recoverable from reinsurance contract/SPV and Finite Re after the adjustment for expected losses due to counterparty default - total																	7	0	887	5,327	873	664	103	1,857	1,049	1,454	12,222
R0330																	7	0	887	5,327	873	664	103	1,857	1,049	1,454	12,222
R0340	Technical provisions minus recoverables from reinsurance/SPV and Finite Re - total																2	0	787	3,482	913	960	170	2,393	1,327	2,074	12,108

Non-Life insurance claims

Total Non-life business

Accident year / underwriting year	Underwriting Year
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Gross Claims Paid (non-cumulative) (absolute amount)														
Year	C0010	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0170	C0180	
	Development year										In Current year	Sum of years (cumulative)		
	0	1	2	3	4	5	6	7	8	9	10 & +			
R0100	Prior											672	672	672
R0160	2010	862	24,474	9,600	3,768	2,287	1,345	1,419	483	263	426	426	44,928	
R0170	2011	-1,113	30,533	17,160	6,819	2,437	1,973	1,806	334	-17		-17	59,932	
R0180	2012	577	13,646	5,248	3,574	1,401	1,475	856	275			275	27,052	
R0190	2013	0	0	0	0	0	0	0				0	0	
R0200	2014	0	0	0	0	0	0					0	0	
R0210	2015	0	0	0	0	0						0	0	
R0220	2016	0	0	0	0							0	0	
R0230	2017	0	0	0								0	0	
R0240	2018	0	0									0	0	
R0250	2019	0										0	0	
R0260												Total	1,356	132,584

Gross Undiscounted Best Estimate Claims Provisions (absolute amount)												C0360	
	C0200	C0210	C0220	C0230	C0240	C0250	C0260	C0270	C0280	C0290	C0300	Year end (discounted data)	
Year	Development year												
	0	1	2	3	4	5	6	7	8	9	10 & +		
R0100	Prior											15,150	14,860
R0160	2010	0	0	0	0	0	4,738	3,345	2,489	2,227		2,147	
R0170	2011	0	0	0	0	7,112	5,071	4,311	3,948			3,771	
R0180	2012	0	0	0	6,161	5,370	3,907	2,739				2,626	
R0190	2013	0	0	0	0	0	0					0	
R0200	2014	0	0	0	0	0						0	
R0210	2015	0	0	0	0							0	
R0220	2016	0	0	0	0							0	
R0230	2017	0	0	0								0	
R0240	2018	0	0									0	
R0250	2019	0										0	
R0260													
											Total	23,404	

S.23.01.01

Own Funds

Basic own funds before deduction for participations in other financial sector as foreseen in article 68 of Delegated Regulation 2015/35

R0010	Ordinary share capital (gross of own shares)
R0030	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
R0330	A legally binding commitment to subscribe and pay for subordinated liabilities on demand
R0340	Letters of credit and guarantees under Article 96(2) of the Directive 2009/138/EC
R0350	Letters of credit and guarantees other than under Article 96(2) of the Directive 2009/138/EC
R0360	Supplementary members calls under first subparagraph of Article 96(3) of the Directive 2009/138/EC
R0370	Supplementary members calls - other than under first subparagraph of Article 96(3) of the Directive 2009/138/EC
R0390	Other ancillary own funds
R0400	Total ancillary own funds

Available and eligible own funds

R0500	Total available own funds to meet the SCR
R0510	Total available own funds to meet the MCR
R0540	Total eligible own funds to meet the SCR
R0550	Total eligible own funds to meet the MCR

SCR

MCR

Ratio of Eligible own funds to SCR

Ratio of Eligible own funds to MCR

Reconciliation reserve

R0700	Excess of assets over liabilities
R0710	Own shares (held directly and indirectly)
R0720	Foreseeable dividends, distributions and charges
R0730	Other basic own fund items
R0740	Adjustment for restricted own fund items in respect of matching adjustment portfolios and ring fenced funds
R0760	Reconciliation reserve

Expected profits

R0770	Expected profits included in future premiums (EPIFP) - Life business
R0780	Expected profits included in future premiums (EPIFP) - Non- life business
R0790	Total Expected profits included in future premiums (EPIFP)

Total	Tier 1 unrestricted	Tier 1 restricted	Tier 2	Tier 3
C0010	C0020	C0030	C0040	C0050
3,540	3,540		0	
0	0		0	
0	0		0	
0		0	0	0
0	0			
0		0	0	0
0		0	0	0
8,000	8,000			
0		0	0	0
0				0
0		0	0	0

0				
0				
11,540	11,540	0	0	0

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

11,540	11,540	0	0	0
11,540	11,540	0	0	
11,540	11,540	0	0	0
11,540	11,540	0	0	

5,438
4,044
212.22%
285.33%

C0060
11,540
0
3,540
0
8,000

0

S.25.01.21

Solvency Capital Requirement - for undertakings on Standard Formula

	Gross solvency capital requirement	USP	Simplifications
	C0110	C0090	C0120
R0010 Market risk	2,593		
R0020 Counterparty default risk	121		
R0030 Life underwriting risk	0		
R0040 Health underwriting risk	96		
R0050 Non-life underwriting risk	3,277		
R0060 Diversification	-1,353		
R0070 Intangible asset risk	0		
R0100 Basic Solvency Capital Requirement	4,736		
Calculation of Solvency Capital Requirement	C0100		
R0130 Operational risk	702		
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	5,438		
R0210 Capital add-ons already set	0		
R0220 Solvency capital requirement	5,438		
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		
Approach to tax rate	C0109		
R0590 Approach based on average tax rate	0		
Calculation of loss absorbing capacity of deferred taxes	LAC DT		
	C0130		
R0640 LAC DT	0		
R0650 LAC DT justified by reversion of deferred tax liabilities	0		
R0660 LAC DT justified by reference to probable future taxable economic profit	0		
R0670 LAC DT justified by carry back, current year	0		
R0680 LAC DT justified by carry back, future years	0		
R0690 Maximum LAC DT	0		

USP Key

For life underwriting risk:
 1 - Increase in the amount of annuity benefits
 9 - None

For health underwriting risk:
 1 - Increase in the amount of annuity benefits
 2 - Standard deviation for NSLT health premium risk
 3 - Standard deviation for NSLT health gross premium risk
 4 - Adjustment factor for non-proportional reinsurance
 5 - Standard deviation for NSLT health reserve risk
 9 - None

For non-life underwriting risk:
 4 - Adjustment factor for non-proportional reinsurance
 6 - Standard deviation for non-life premium risk
 7 - Standard deviation for non-life gross premium risk
 8 - Standard deviation for non-life reserve risk
 9 - None

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

R0010 MCR_{NL} Result

C0010

1,632

Net (of reinsurance/SPV) best estimate and TP calculated as a whole	Net (of reinsurance) written premiums in the last 12 months
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C0020

C0030

R0020	Medical expense insurance and proportional reinsurance
R0030	Income protection insurance and proportional reinsurance
R0040	Workers' compensation insurance and proportional reinsurance
R0050	Motor vehicle liability insurance and proportional reinsurance
R0060	Other motor insurance and proportional reinsurance
R0070	Marine, aviation and transport insurance and proportional reinsurance
R0080	Fire and other damage to property insurance and proportional reinsurance
R0090	General liability insurance and proportional reinsurance
R0100	Credit and suretyship insurance and proportional reinsurance
R0110	Legal expenses insurance and proportional reinsurance
R0120	Assistance and proportional reinsurance
R0130	Miscellaneous financial loss insurance and proportional reinsurance
R0140	Non-proportional health reinsurance
R0150	Non-proportional casualty reinsurance
R0160	Non-proportional marine, aviation and transport reinsurance
R0170	Non-proportional property reinsurance

0	
0	
2	
0	
0	
755	
3,306	
871	
898	
0	
0	
0	
160	
2,071	
1,233	
1,887	

Linear formula component for life insurance and reinsurance obligations

R0200 MCR_L Result

C0040

0

Net (of reinsurance/SPV) best estimate and TP calculated as a whole	Net (of reinsurance/SPV) total capital at risk
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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

R0300	Linear MCR
R0310	SCR
R0320	MCR cap
R0330	MCR floor
R0340	Combined MCR
R0350	Absolute floor of the MCR
R0400	Minimum Capital Requirement

1,632
5,438
2,447
1,359
1,632
4,044
4,044