



# Transatlantic Reinsurance Company, German Branch

---

## Solvency and Financial Condition Report

---

As at 31 December 2016



## Table of contents

|  |           |
|--|-----------|
| Table of contents .....  | 2         |
| About this document .....  | 3         |
| Branch management statement.....   | 3         |
| Executive Summary .....  | 4         |
| <b>A. Business and Performance .....</b>   | <b>7</b>  |
| A.1 Business.....  | 7         |
| A.2 Underwriting Performance .....   | 10        |
| A.3 Investment Performance .....   | 12        |
| A.4 Performance of other activities .....  | 12        |
| A.5 Any other information .....  | 13        |
| <b>B. System of Governance.....</b>  | <b>14</b> |
| B.1 General information on the system of governance .....                                | 14        |
| B.2 Fit and proper requirements .....  | 16        |
| B.3 Risk Management System including the ORSA .....                                      | 17        |
| B.4 Internal Control System .....  | 19        |
| B.5 Internal Audit Function.....   | 20        |
| B.6 Actuarial Function.....  | 20        |
| B.7 Outsourcing .....  | 20        |
| B.8 Any Other Information .....  | 21        |
| <b>C. Risk profile .....</b>   | <b>22</b> |
| C.1 Reinsurance / Underwriting Risk .....  | 22        |
| C.2 Market Risk .....  | 24        |
| C.3 Counterparty Default Risk (Credit Risk).....   | 26        |
| C.4 Liquidity Risk .....   | 28        |
| C.5 Operational Risk .....   | 28        |
| C.6 Other Material Risks .....   | 29        |
| C.7 Any Other Information .....  | 30        |
| <b>D. Valuation for Solvency Purposes .....</b>  | <b>31</b> |
| D.1 Assets.....  | 31        |
| D.2 Technical Provisions.....  | 35        |
| D.3 Alternative methods for valuation .....  | 36        |
| D.4 Any other information .....  | 36        |
| <b>E. Capital Management.....</b>  | <b>38</b> |
| E.1 Own funds .....  | 38        |
| E.2 SCR and MCR.....   | 39        |
| E.3 Use of the duration-based equity risk sub-module in the calculation of the SCR ..... | 40        |
| E.4 Differences between the standard formula and any internal model used .....           | 40        |
| E.5 Non-compliance with the MCR and Non-compliance with the SCR.....                     | 41        |
| E.6 Any Other Information .....  | 42        |
| <b>Appendix 1 - Abbreviations used in this report .....</b>                              | <b>43</b> |
| <b>Appendix 2 – Public Quantitative Reporting Templates (QRT) .....</b>                  | <b>44</b> |



### About this document

This document is the Solvency and Financial Condition Report (“SFCR”) for German Branch Office of Transatlantic Reinsurance Company (“GBO”) as at the year ended 31 December 2016.

This SFCR covers GBO on a solo basis.

As this is the first year in which GBO has published an SFCR, no comparatives against prior year are included in this document.

GBO’s functional and presentational currency is the Euro.

### **Branch management statement**

GBO acknowledges its responsibility for preparing the SFCR in all material respects in accordance with the Insurance Supervision Act and the Solvency II Regulations.

GBO is satisfied that:

- throughout the financial year in question, GBO has complied in all material respects with the requirements of the Insurance Supervision Act and the Solvency II Regulations as applicable to GBO other than as detailed in Section E5; and
- it is reasonable to believe that, at the date of the publication of the SFCR, GBO continues to comply, and will continue to comply in the future.

Rüdiger Skaletz  
Branch Manager

Note: this document was reissued on 5 June 2017 to reflect two changes identified in a review of GBO’s Solvency II balance sheet calculations as at 31 December 2016. The changes are:

1. a reallocation of certain premiums from the “Accepted reinsurance property” line of business to “Others” and a consequential recalculation of underwriting profit for each of those lines (see Figure 9 in Section A2); and
2. a recalculation of GBO’s deferred tax position, resulting in a deferred tax asset of €1,801k, replacing the previously stated deferred tax liability of €1,084k (see Figure 18 in Section D1).

As a consequence of those changes, GBO has additional assets to cover its MCR (€135,335k, replacing €134,251k) ) and its SCR (€137,136k, replacing €134,251k) and its solvency ratios are therefore 596% and 151% respectively (replacing 591% and 148%).



## Executive Summary

GBO is a branch of Transatlantic Reinsurance Company (TRC). GBO provides TransRe (the collective term for Transatlantic Holdings, Inc. its subsidiaries, branches and representative offices) with its main platform to write business mainly in Germany and Austria. TRC is domiciled in New York, USA with a presence in over 20 countries worldwide.

TRC is approaching its 40th anniversary and has had a German operation since 2008, previously as a Representative Office and since 1st January 2010 as a branch office regulated by BaFin.

Business accepted by GBO is written on the TRC balance sheet, which has total assets of over US\$15 billion and stockholders' equity of over US\$5bn as at 31st December 2016. TRC has the following Financial Strength Ratings (May 2017):

- Standard & Poor's Insurer Financial Strength Rating A+, outlook Stable;
- A.M. Best Best's Financial Strength Rating (FSR) A+ (Superior), outlook Stable;
- Moody's Long Term Rating A1, outlook Stable.

TRC is a specialist non-life reinsurance company concentrating on providing protection for cedants, not competing with them in their own direct markets. Many of TRC's senior management and underwriters have long tenure with TransRe and we value enduring relationships with our client base.

During 2016 GBO enhanced its analytical, underwriting and actuarial resources to further concentrate on providing clients with top quality service, expertise and financial security in challenging market conditions; our aim is to be their reinsurer of choice.

For 2017 GBO continues to focus on underwriting excellence, enhancing client relationships and navigating ever-changing emerging risk and political environments.

## Business and Performance

GBO booked €34,534k of gross premium in 2016 achieving a gross underwriting profit of € 6,699k. The low claims ratio of 46% is a result of underwriting discipline and the low activity on natural catastrophes.

GBOs' goal is to actively manage underwriting cycle whilst maintaining a well-diversified portfolio. As a consequence this aids in supporting TransRe's objective of achieving long-term book value growth.

GBOs' portfolio and results reflect the continuous evolvement of TransRe's brand in Germany and Austria as strong non-life reinsurer. Even in the current competitive market environment, GBO managed to broaden the basis of business with an increasing number of clients and brokers. The membership in the German Insurers Association (GDV), active cooperation with universities, the annual GBO liability discussion forum and presentations at conferences support the broadening of the client basis.

GBO's assets are prudently invested to ensuring GBO have access to funds as short notice, if required. These have been invested taking account of the liquidity requirements of GBO along with the nature and timing of insurance liabilities. Investments are made up of:

- Cash and deposits
- Corporate bonds
- Government bonds



## System of Governance

GBO has an established governance framework and internal control system. The governance structure helps GBO to maintain robust local governance. GBO's Branch Manager maintains ultimate responsibility for overseeing the running of GBO.

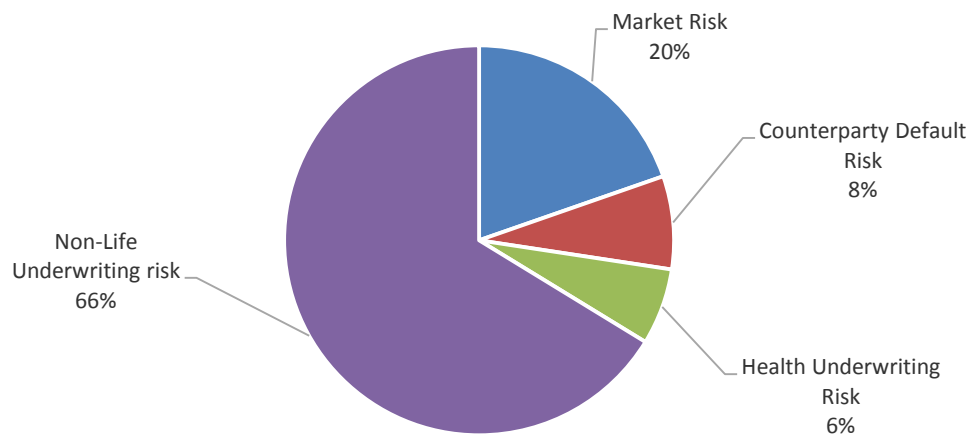
GBO adopts an approach to remuneration which supports and encourages appropriate behaviour that is aligned with TransRe's vision and values and Alleghany's Code of Business Conduct and Ethics.

GBO's Branch Manager possesses the skills, knowledge and experience required in order to undertake his role and responsibility for managing GBO. The system of governance of GBO has not materially changed in the year to 31 December 2016.

## Risk Profile

GBO underwrites a diversified portfolio of property and casualty reinsurance, across multiple classes. GBO's standard formula basic SCR risk profile is shown in the below chart.

*Figure 1: Basic SCR by risk type before the impact of diversification*



As evidenced in the chart above, non-life underwriting risk and non-life premium and reserve risk make up the largest portion of GBO's SCR risk profile. The standard formula SCR is the minimum level of capital GBO should hold to protect the business from a 1-in-200 year event.

In order to help mitigate underwriting risks, GBO maintains a clear underwriting philosophy that is supported by risk appetites set at the aggregate level as well as individual class.

As a branch, GBO benefits from a comprehensive retrocession (reinsurers' reinsurance) programme that provides protection for TransRe globally.

GBO undertakes detailed stress and scenario testing on a quarterly basis. Scenario tests are used to test the resilience of an insurer from shocks to the market. The results of the analysis showed that the most material impact on the SCR arose from a natural catastrophe event affecting Europe. The analysis undertaken indicates GBO is strongly capitalised and it would take an extreme event (in excess of 1-in-200) to breach the SCR and therefore GBO's underwriting risk profile was assessed to be resilient to withstand severe shocks and is within TransRe's approved risk appetite.



### Valuation for Solvency II Purposes

GBO's Solvency II assets and liabilities are presented on an economic basis consistent with the "fair value" accounting concept. GBO prepares its statutory financial statements in accordance with Handelsgesetzbuch ("HGB"). For the purpose of solvency reporting, a balance sheet in accordance with the International Financial Reporting Standards ("IFRS") as adopted for use in the European Union was established. Details of the basis for the preparation of GBO's balance sheet, critical accounting estimates and judgements and key accounting policies are set out below.

Best estimate liabilities are the probability weighted average of future cash flows, discounted back to the relevant balance sheet date using risk free discount rates.

The risk margin represents an allowance for the cost of capital necessary to support the policies to which GBO is obligated at the valuation date.

### Capital Management

Under Solvency II the own funds of an insurance entity are placed into tiers 1, 2 or 3 based on their ability to absorb losses, Tier 1 being the most able to do so. Below is a summary of the own funds held by GBO and a comparison to its regulatory capital requirements (the amount of capital the firm is required to hold):

Figure 2: Own funds by tier at 31 December 2016

| Tier                                | Instrument(s)          | Value(€000)    |
|-------------------------------------|------------------------|----------------|
| Tier 1                              | Reconciliation reserve | 135,335        |
| Tier 2                              | N/A                    | N/A            |
| <b>Total own funds to cover MCR</b> |                        | <b>135,335</b> |
| Tier 3                              | Deferred tax assets    | 1,801          |
| <b>Total own funds to cover SCR</b> |                        | <b>137,136</b> |

Figure 3: Capital requirements at 31 December 2016

| Valuation Date               | 2016 Q4 (€000) |
|------------------------------|----------------|
| Minimum Capital Requirement  | 22, 716        |
| Solvency Capital Requirement | 90, 865        |

Overall GBO holds 151% of its SCR capital requirements and 596% of its MCR.



## A. Business and Performance

### A.1 Business

#### Company information

|   |   |
|---|---|
| <b>Transatlantic Reinsurance Company:</b>                         | One Liberty Plaza<br>165 Broadway<br>New York, NY 10006<br>United States of America   |
| <b>German Branch Office of Transatlantic Reinsurance Company:</b> | Promenadeplatz 8<br>80333 Munich<br>Germany<br>BaFin Register Number: 6806<br>State Registration Number: HRB 185 348<br>Tax Identification Number: DE 815179087 |
| <b>External auditors:</b>   | Ernst and Young GmbH<br>Arnulfstrasse 59<br>80636 Munich<br>Germany   |
| <b>Regulator:</b>   | BaFin<br>Bundesanstalt für Finanzdienstleistungsaufsicht<br>Graurheindorfer Str. 108<br>53117 Bonn<br>Germany   |

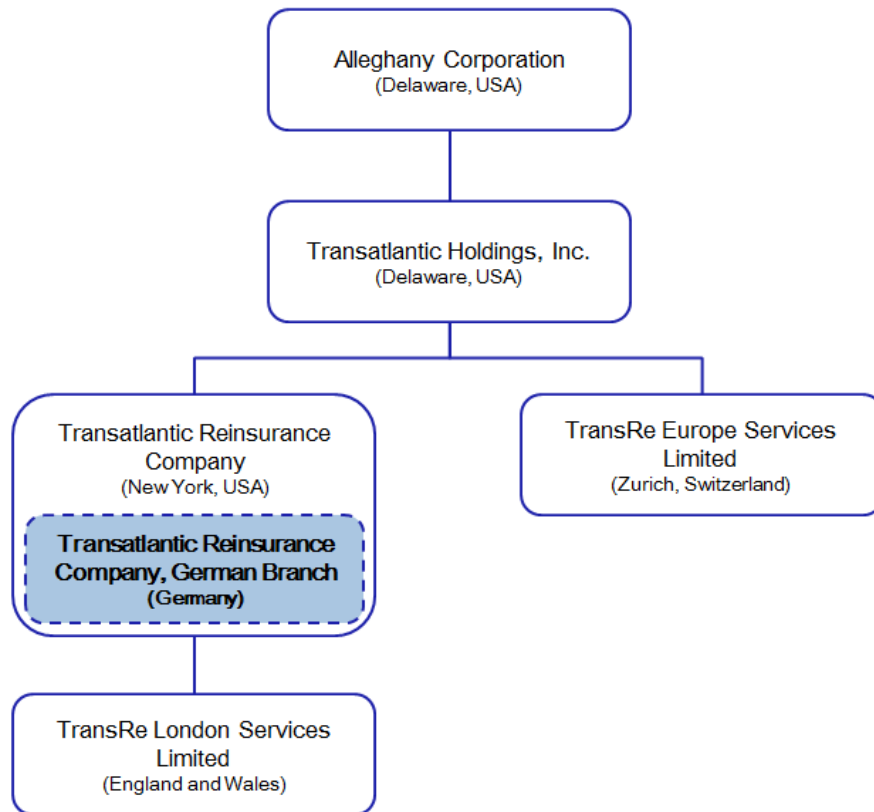
GBO is a branch office of Transatlantic Reinsurance Company (“TRC”), which is a reinsurance company domiciled in New York, USA. GBO provides the TransRe group (“TransRe”) with its main platform to write business in Germany. GBO is domiciled in Munich and commenced underwriting risks effective from 1st January 2010.

GBO’s ultimate parent undertaking is Alleghany, a company incorporated in Delaware, USA. Alleghany is listed on the New York Stock Exchange (NYSE: Y). Further information on Alleghany is available at [www.alleghany.com](http://www.alleghany.com).

In addition to Alleghany, Transatlantic Holdings, Inc., incorporated in Delaware, USA, is the direct parent and holder of a qualifying holding in GBO. There are no other holders of qualifying holdings in TRC. A simplified group structure chart is shown below.



Figure 4: Organisational structure chart



(All subsidiaries are 100% owned and controlled.)

GBO offers reinsurance through treaty and facultative reinsurance arrangements covering non-life property and casualty lines of business on either a proportional or non-proportional basis. It underwrites a broad range of risks within those classes, seeking to maintain a diversified portfolio without over-dependence on a single line of business. GBO also benefits from shared functions made available through TransRe's support and global operational infrastructure.

The core reinsurance portfolio of property and casualty treaties provides protection to cedants based predominately in Germany and Austria. The portfolio includes coverage for a wide range of business events, enabling GBO to better navigate underwriting cycles.

#### Market commentary

Competitive trading conditions in both insurance and reinsurance markets persist. Fuelled by excessive capital, rates remain under pressure and widening coverage is commonplace. New categories of emerging risks including cyber, telematics/autonomous driving and socio-political classes are developing, all seeking cover from an industry whose knowledge is still evolving; this brings perils but also opportunities.

During the review period the global market experienced multiple loss events, but none were of sufficient scale to cause significant impact to GBO's profitability.

Other on-going challenges such as Brexit and global political upheaval are constantly monitored to assess potential and future impact on the business.





### Strategy and portfolio

GBO's strategy is to achieve long-term book value growth commensurate with the TransRe group objective of being a global property/casualty reinsurer of choice, maximising the benefits of local presence and global service, writing all products in all territories.

In a low yield investment environment GBO's focus on underwriting profitability is paramount to support the aim of book value growth.

GBO's strategic objectives:

- Underwrite a broad range of classes providing a diversified portfolio, enabling flexible cycle management to maintain overall profitability;
- Ensure disciplined underwriting to achieve long-term growth in TransRe book value;
- Continually evaluate new product and market opportunities;
- Distribute our products through broker networks and directly with ceding companies;
- Be on top of emerging risk developments to manage new risks and to recognize new opportunities;
- Expand relationships with both smaller brokers and with ceding companies;
- Operate a capital efficient approach especially with regard to the Solvency II framework;
- Maintain an investment strategy that is consistent with TransRe's investment strategy.

Premium income distribution by line of business is shown in Figure 5.

*Figure 5: premium income by domicile of cedant*

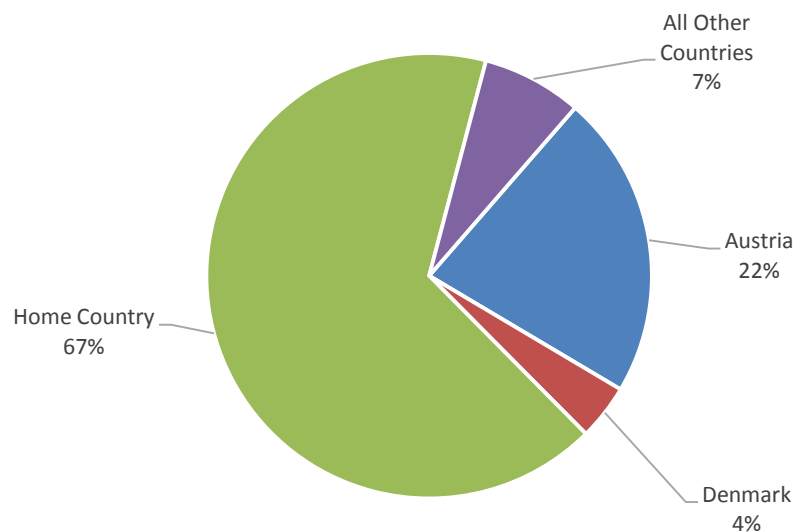
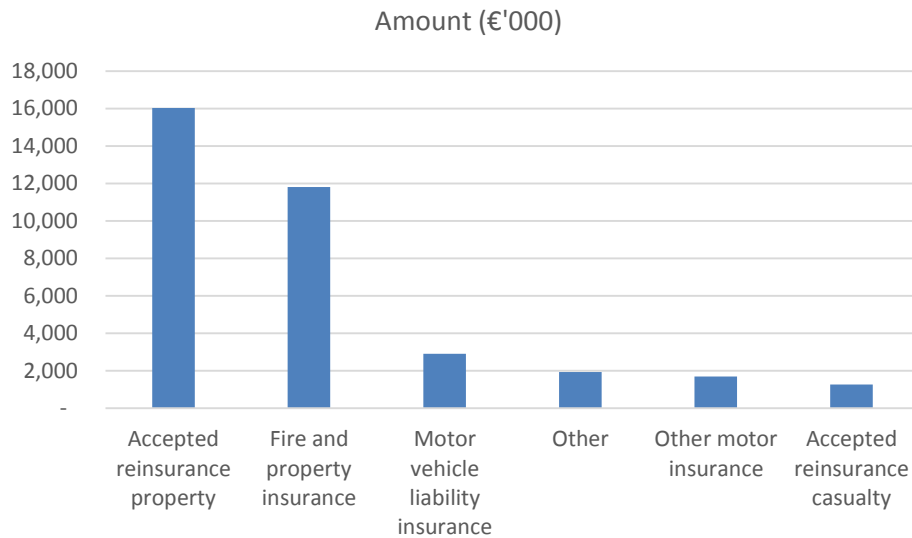




Figure 6: Solvency II line of business (value)



The majority of the business written by GBO originates from Germany and Austria.

During the review period no significant new classes of business were undertaken. Premium volumes in some lines varied from plan, depending on the expected profitability and contribution to GBO's business development.

Our strategy of expanding relationships more broadly with selected client groups progressed during 2016; providing wider support and relevance to those groups.

In August 2016, TRC and its subsidiaries including TRL received an A.M. Best financial strength rating upgrade to A+ (Superior). TransRe is also rated A+ by Standard & Poor's.

## A.2 Underwriting Performance

GBO booked €34,534k of gross premium in 2016. GBO's largest classes of business are 'Accepted reinsurance property insurance' and 'Fire and other damage to property insurance' which accounted for 47.8% and 32.4%, respectively. Other lines of business are Motor vehicle liability insurance, Other motor insurance and various other casualty classes.

Fire and other damage to property insurance generate a significant amount of GBO's premiums written and earned and consequently contribute the most to 2016 claims.



## Portfolio mix

Figure 7: Underwriting performance by SII line of business (Gross)

| Line of Business                                  | Premiums (€000) | Claims (€000) | Claims ratio |
|---|-----------------|---------------|--------------|
| Accepted Re-insurance Casualty                    | 1,273           | -510          | -40%         |
| Accepted Re-insurance Health                      | 229             | 276           | 121%         |
| Accepted Re-insurance Marine, aviation, transport | 11              | 58            | 536%         |
| Accepted Re-insurance Property insurance          | 16,494          | 4,974         | 30%          |
| Credit and suretyship insurance                   | 443             | 133           | 30%          |
| Fire and other damage to property insurance       | 11,181          | 4,440         | 40%          |
| General liability insurance                       | 965             | 3,545         | 368%         |
| Income protection insurance                       | 244             | 1             | 1%           |
| Marine, aviation and transport insurance          | 135             | 11            | 8%           |
| Motor vehicle liability insurance                 | 2,218           | 1,842         | 83%          |
| Other motor insurance                             | 1,340           | 963           | 72%          |
| <b>Grand Total</b>                                | <b>34,533</b>   | <b>15,733</b> | <b>46%</b>   |

Figure 8: Underwriting performance by SII line of business (net)

| Line of Business                                  | Premiums (€000) | Claims (€000) | Claims ratio |
|---|-----------------|---------------|--------------|
| Accepted Re-insurance Casualty                    | 1,273           | -510          | -40%         |
| Accepted Re-insurance Health                      | 229             | 276           | 121%         |
| Accepted Re-insurance Marine, aviation, transport | 11              | 58            | 536%         |
| Accepted Re-insurance Property insurance          | 16,073          | 4,933         | 31%          |
| Credit and suretyship insurance                   | 443             | 133           | 30%          |
| Fire and other damage to property insurance       | 11,181          | 4,440         | 40%          |
| General liability insurance                       | 965             | 3,545         | 368%         |
| Income protection insurance                       | 244             | 1             | 1%           |
| Marine, aviation and transport insurance          | 135             | 11            | 8%           |
| Motor vehicle liability insurance                 | 2,218           | 1,842         | 83%          |
| Other motor insurance                             | 1,340           | 963           | 72%          |
| <b>Grand Total</b>                                | <b>34,112</b>   | <b>15,692</b> | <b>46%</b>   |

### Top 5 Underwriting performance by Line of Business

Below is a breakdown of the underwriting performance of the top five lines of business;

- accepted re-insurance property insurance;
- fire and other property damage insurance;
- motor vehicle liability insurance;
- other motor insurance; and
- accepted re-insurance casualty.



A summary of the key underwriting performance is detailed below:

*Figure 9: Underwriting performance by line of business*

| Net (€000's)        | Accepted reinsurance property | Fire and property insurance | Motor vehicle liability insurance | Other motor insurance | Accepted reinsurance casualty | Balancing LoB | Total  |
|---------------------|-------------------------------|-----------------------------|-----------------------------------|-----------------------|-------------------------------|---------------|--------|
| Premiums Written    | 16,027                        | 11,816                      | 2,913                             | 1,690                 | 1,273                         | 1,935         | 35,654 |
| Premiums Earned     | 16,072                        | 11,181                      | 2,218                             | 1,340                 | 1,273                         | 2,029         | 34,113 |
| Claims Incurred     | 4,933                         | 4,440                       | 1,842                             | 963                   | (510)                         | 4,024         | 15,692 |
| Expenses            | 3,276                         | 5,365                       | 1,248                             | 668                   | 292                           | 873           | 11,722 |
| Underwriting Profit | 7,863                         | 1,376                       | (872)                             | (291)                 | 1,491                         | (2,868)       | 6,699  |

For details and the breakdown of premiums, claims and expenses by geographical spread please refer to QRT S.05.02.01.

### A.3 Investment Performance

#### Net investment income

Net investment income recognised in the statement of profit or loss and other comprehensive income includes investment income (comprising of interest and the amortisation of any discount or premium on available-for-sale debt securities for the period), realised gains and losses and movements in unrealised gains and losses on financial assets held at fair value through profit or loss, net of interest payable, investment expenses and impairment losses on financial assets.

Interest income is recognised as accrued based on the effective interest method. Acquisition costs related to the purchase of bonds are capitalised and expensed over duration of the investment.

#### Financial Investments

GBO's investment portfolio is made up exclusively of fixed income securities. Over the year the investment portfolio has made a gain of €5,382k. The main fundamental reason for the gain arises from interest on its corporate bond portfolio.

*Figure 10: Investment portfolio*

| Asset Category (€000s)    | Income       | Gains/ Losses | Net income/gain or loss | Total SII Value |
|---------------------------|--------------|---------------|-------------------------|-----------------|
| Cash and deposits         | 123          | 0             | 123                     | 5,762           |
| Collateralised securities | 2            | 0             | 2                       | 0               |
| Corporate Bonds           | 1,182        | 2,718         | 3,900                   | 158,212         |
| Government Bonds          | 110          | 1,247         | 1,357                   | 65,721          |
| <b>Total</b>              | <b>1,417</b> | <b>3,965</b>  | <b>5,382</b>            | <b>229,695</b>  |

#### Securitisations

GBO's investment portfolio includes a small amount of asset backed securities. All credit risk associated with the underlying assets is passed directly through these securities with no subordination of different categories of investor

### A.4 Performance of other activities

GBO does not receive any material income other than from its underwriting and investment activities.



#### **A.5 Any other information**

GBO does not consider there is any other material information to disclose on its business and performance.



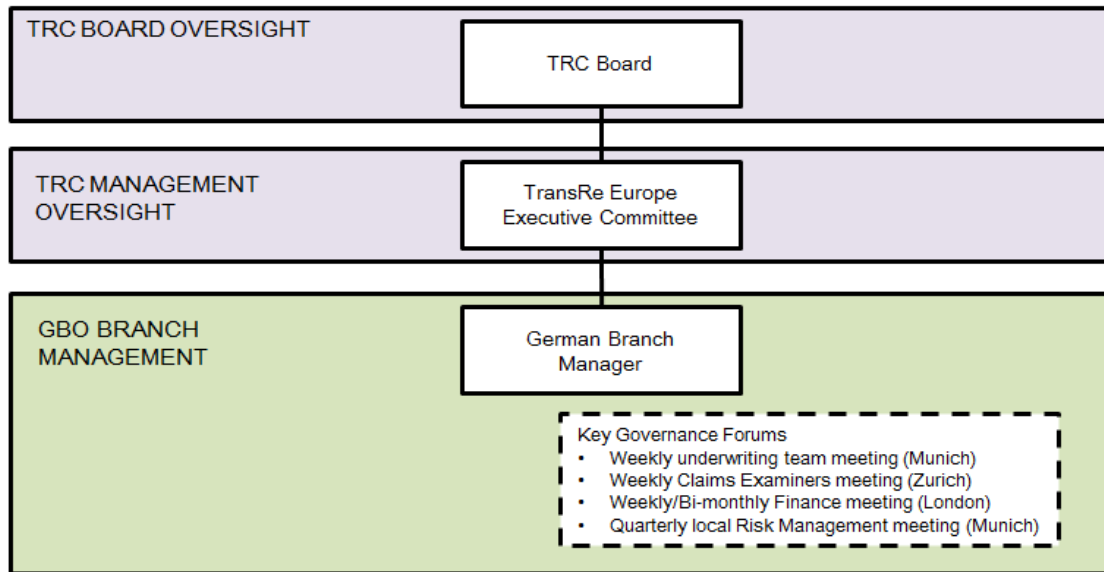
## B. System of Governance

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

GBO's governance structure reflects its status as a branch of TRC and TRC's membership of a large international group of companies, while ensuring that GBO maintains robust local governance arrangements.

The structure of GBO's governance oversight is shown in Figure 11.

Figure 11: Governance oversight and reporting lines



The GBO Branch Manager maintains ultimate responsibility for overseeing the running of GBO which includes:

- setting, promoting and demonstrating GBO's culture, vision and values;
- setting GBO's business strategy and monitoring performance against its business plan;
- approving GBO's risk appetite and tolerances ensuring they are in line with TransRe global appetites;
- maintaining oversight of GBO's compliance with relevant laws and regulation;
- day-to-day management and oversight of the business;
- development and execution of GBO's business strategy;
- monitoring underwriting and investment performance; and
- ensuring the effectiveness of the three lines of defence model and ultimately, GBO's internal control framework.

#### Key functions

GBO has identified the following functions as key functions:

Figure 12: Key functions and holders

| Key Function                                 | Holder  |
|--|---|
| Risk Management System                       | Head of Risk - International, London              |
| Compliance                                   | Compliance Officer – TRC German Branch            |
| Internal Audit                               | Director of Internal Audit – TRC New York         |
| Actuarial                                    | Responsible Actuary – TransRe Europe, Switzerland |
| The function of effectively running the firm | Branch Manager – TRC German Branch                |



Each of the key functions within GBO is operationally independent of each other, with its own key function holder. The key functions have their own teams and reporting lines. Each key function reviews its resource needs on at least an annual basis and the key function holder is responsible for ensuring the key function is adequately resourced.

All key functions report to the Branch Manager and to respective Head Office senior management. Further information on the authority, resources and operational independence is included in Sections B3 (Risk Management function), B4 (Compliance function), B5 (Internal Audit function) and B6 (Actuarial function).

## **Remuneration policies and practices**

### Approach to remuneration

GBO adopts an approach which supports and encourages appropriate behaviour that is aligned with TransRe's vision and values and Alleghany's Code of Business Conduct and Ethics.

### Assessment of performance

Reviews are performed by line managers and reviewed by senior management and Human Resources ("HR") before individual awards are finalised. This is a key component of the appraisal process to ensure GBO performance is linked to rewards.

Financial and non-financial criteria are taken into account when assessing an individual's performance. A key element of an individual's performance assessment is his/her adherence to the Alleghany Code of Business Conduct and Ethics and compliance with policies and procedures.

### Fixed and variable components of remuneration

Remuneration is made up of two key elements, fixed and variable. The fixed element is base salary. The variable element has two components, an annual bonus and deferred compensation. Base salary, bonus and deferred compensation are reviewed annually following an appraisal and review process.

For more senior employees and officers, fixed base salaries generally comprise a minority of total compensation: the majority of compensation is tied to performance-based annual and long-term incentives.

There are no entitlements to share options or shares.

### Benefits

There is a regular Benefits Committee meeting to consider all elements of the benefit package (i.e. Pension, PMI, Life, PHI etc.) offered to employees. The benefits provided are designed to be both competitive and to target insurance protection for health and loss of income.

There are no supplementary pensions or early retirement schemes for the members of the Board or other key function holders.

## **Material transactions with shareholders**

GBO does not have any material transactions with the shareholders, members of the management body or those who can exert significant influence over the business.

GBO has assessed the nature and scale of complexity of its business against its governance structure and considers its system of governance to be adequate.



## B.2 Fit and proper requirements

The Branch Manager and key function holders collectively possess appropriate qualification, experience and knowledge about at least:

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

### Persons subject to assessment

The general representative of the branch is the Branch Manager.

The persons who effectively run or may influence branch operations are the Branch Manager and the two registered managers of GBO.

GBO ensures that all key function holders are at all times fit and proper persons.

### Timing of assessment

GBO assesses the fitness & propriety of a person when that person is being considered for any controlled function or key function and on an on-going basis thereafter.

GBO's employees (and all TransRe employees) are expected to abide by the Alleghany Code of Business Conduct and Ethics, which sets out standards of ethics and behaviours.

The on-going evaluation is performed at least annually and consists of, as a minimum, a performance assessment.

### Nature of assessment

In deciding whether a person is fit and proper, GBO must be satisfied that the person:

- has the personal characteristics (including being of good repute and integrity);
- possesses the level of competence, knowledge and experience;
- has the qualifications; and
- has undergone or is undergoing all training

required to enable that person to perform his or her function effectively and in accordance with any relevant regulatory requirements and to enable sound and prudent management of GBO.

Any breaches of the fit and proper requirements are internally reported to the Branch Manager, Chief Compliance Officer ("CCO") and the Head of HR. The Branch Manager is responsible for notifying the relevant regulator(s) of the change in circumstances and any remedial action that is being undertaken by GBO.

### Training and competency

GBO's training and competency ethos is designed to promote learning and development within TransRe and to ensure that the operation employs personnel with the skills, knowledge and expertise necessary for the discharge of the responsibilities allocated to them.

TransRe actively encourages staff to further develop and pursue professional qualifications. Personal development is the responsibility of each staff member.

In addition to the above, all staff who maintain professional qualifications are expected to undertake Continuing Professional Development ("CPD") in line with their relevant professional body requirements.





### B.3 Risk Management System including the ORSA

Business accepted by GBO is written on the TRC balance sheet, which has total assets of over US\$15 billion and stockholders' equity of over US\$5bn as at 31st December, 2016. TRC has the following Financial Strength Ratings (May 2017):

- Standard & Poor's Insurer Financial Strength Rating A+, outlook Stable;
- A.M. Best Best's Financial Strength Rating (FSR) A+ (Superior), outlook Stable;
- Moody's Long Term Rating A1, outlook Stable.

As a branch of a globally active reinsurance company, GBO's ERM framework has been developed to enable the branch to understand and appropriately manage and mitigate the risks associated with GBO objectives over the short, medium and longer term in a manner that is commensurate with GBO and TransRe's risk profile and business arrangements.

The ERM framework seeks to engender a culture of no significant surprises and to ensure adequate tools are available to manage the most important risks to GBO, improve decision-making and to support the achievement of GBO's business objectives. In summary, the purpose of GBO's ERM framework is to:

- actively sponsor and foster a risk aware culture across GBO, supporting staff in making risk management based judgements, encouraging effective management of exposures within GBO's stated risk appetite;
- ensure a clear, coherent risk strategy that includes policies, standards, risk appetites and clarity of ownership for risks;
- ensure risk is taken into account in key business decisions;
- ensure that the 'three lines of defence' model operates effectively;
- implement risk strategies and policies that align with GBO's strategic and operational objectives;
- ensure risks and emerging risks are identified and understood and assessed on a forward-looking basis to allow management to take proactive steps; and
- sustain a robust Own Risk and Solvency Assessment ("ORSA") process that informs management's view of risk and capital.

The "three lines of defence" model has three separate groups— the business functions, risk, compliance and actuarial functions and internal auditors working together at different stages to provide increased protection against wide array of risks.

GBO's ERM framework is supported by a comprehensive set of risk policies, frameworks and guidelines to ensure adequate processes and procedures are in place to manage all types of risk which is supported by a suite of management information. The framework, as a minimum, is aligned with the regulatory requirements under the Solvency II regime as adopted by BaFin.

By adopting this approach, GBO is able to effectively identify, measure, monitor, manage and report risks at an individual / contract level and at an aggregated level on an ongoing basis.

GBO management and risk owners identify key risks to the business as part of a rolling risk identification and assessment programme. Risk causes and consequences, together with mitigating controls, are identified for each risk category. Key risks, owners and mitigating controls are recorded in a risk register; which is presented to management for review and discussion. The risks recorded in the register form part of GBO's ORSA process and are used as an input in GBO's internal audit programme.

The Branch adheres to the practices and principles established by TransRe, which include:

1. detailed risk appetites and tolerances;
2. first, second and third lines of defence;
3. underwriting guidelines and appetites;
4. inclusion in the group retrocession arrangements;
5. shared functions with other TransRe operations (eg. claims, risk and catastrophe modelling); and
6. policies and procedures.



GBO's Risk Management function's responsibilities include:

- developing, communicating and implementing systems, processes and procedures for the management and evaluation of risk accumulations and providing key risk indicator reports;
- working alongside other key control functions and ensuring existing control activities and reports are developed into the risk and control reporting framework;
- coordinating with the key control functions to ensure internal policies, controls and procedures for identifying and managing key risks are documented in sufficient detail to allow for effective compliance, testing and auditing;
- coordinating documentation of the key internal policies, procedures and controls for the management of risks identified in the risk register; and
- providing input and challenge into the development of stress and reverse stress tests for GBO.

The Risk Management function is integrated into the organisation through the governance reporting lines to TRC's Chief Risk Officer and involvement in key decision making forums. Furthermore, the Risk Management Function leads the production of the Own ORSA, which incorporates key risks, stress and scenario analyses which are presented to senior management for review and discussion. Further information on the ORSA process is provided below.

By adopting such an approach, ERM and risk management more broadly are key considerations as part of the decision making and planning process.

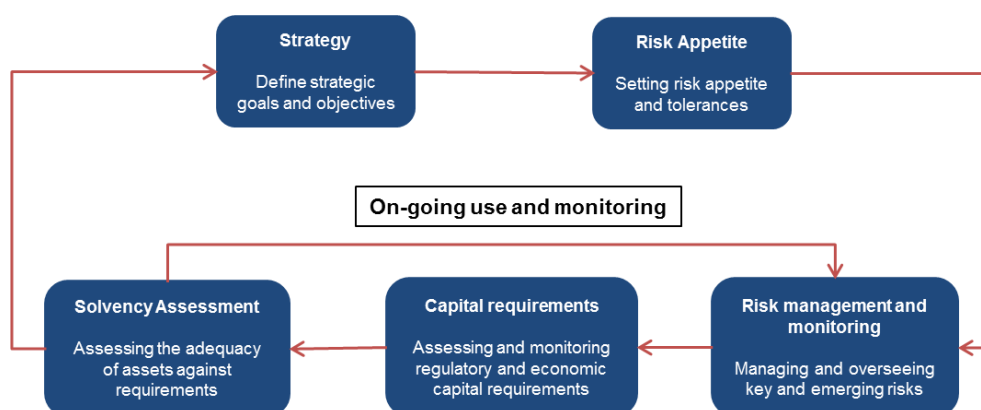
#### Own Risk and Solvency Assessment

The ORSA process considers GBO's own solvency assessment given its risk profile, business objectives and capital management strategy against its regulatory solvency requirement in order to determine whether additional capital is required. The ORSA also considers the impact on GBO should it be subject to significant losses arising from both insurance and non-insurance events; against such extreme events, the ORSA considers what actions GBO management would undertake to mitigate the impact of such events.

GBO produces an ORSA report on at least an annual basis. The ORSA is a key management tool and is aligned to GBO's business planning and strategy, risks GBO is exposed to and the associated capital.

GBO management has identified a number of business and event triggers that would result in the ORSA being re-run at any point during the year; these triggers are tracked by the Risk Management function.

Figure 13: GBO's ORSA process



The ORSA process provides GBO with a mechanism to assess the risks it faces and to determine the necessary level of capital required to ensure GBO meets its strategic and business objectives. The ORSA is GBO's view of its exposure to underwriting and non-underwriting risks and its solvency position and documents how GBO has reached its conclusions. The ORSA aims to assess, in a continuous and forward looking manner, the overall solvency needs of GBO, whilst being mindful of its risk profile and business environment.



GBO's Risk Management function coordinates the relevant processes with subject matter experts across the business and prepares the ORSA report for review and discussion by the GBO Branch Manager. Once the report is reviewed, the ORSA and the amount of capital GBO intends to maintain, based on its expected risk profile, is approved by the Branch Manager and the ORSA report is made available to BaFin.

#### **B.4 Internal Control System**

Within GBO, there is a robust internal control system that includes:

- the corporate governance framework, procedures and controls;
- a financial control framework;
- independent control functions which comprise of the Actuarial, Compliance and Risk Management functions; and
- independent assurance provided by the Internal Audit function.

The financial control framework is designed to ensure that:

- risks relevant to the preparation and fair presentation of the financial statements in accordance with the applicable financial reporting framework have been identified and documented;
- GBO is in compliance with group Sarbanes Oxley requirements; and
- there are sufficient and effective controls in place (both manual and automated) to mitigate these risks and to prevent or detect material misstatements in the financial statements and disclosures.

The financial statements are subject to rigorous controls and review prior to inclusion within TransRe's statutory accounts. The actuarial liabilities are produced using best practice actuarial practices that are subject to independent review. TransRe's financial statements are subject to internal review and external audit review.

In addition to the above, GBO's Internal Audit function, through planned and commissioned reviews of the branch's processes, provides an independent opinion on the internal control framework of GBO's business.

#### **Implementation of GBO's Compliance function**

The purpose of GBO's Compliance function is to promote an organisational culture committed to integrity, ethical conduct and compliance with the law, and to set standards, policies and procedures that provide reasonable assurance that GBO acts in a manner consistent with its local compliance and regulatory obligations and within TransRe's overarching compliance requirements.

The Compliance function is headed up by GBO's Compliance Manager who has a direct reporting line to the Branch Manager and TRC's CCO. GBO's Compliance Manager is responsible for ensuring that TransRe's compliance mission is implemented, coordinated and enforced within GBO and reports any compliance violations or issues to the CCO.

GBO Compliance function reports on a quarterly basis to the Local Risk Committee, as well as to TransRe's group compliance department, where appropriate. The Compliance function is responsible for reporting to Branch management any breaches, or non-compliance with its policy or any other relevant policy, rules and regulations. The Compliance Function has sufficient authority to carry out its functions on its own initiative without obstruction from management and other staff members.

The Compliance function's responsibilities include:

- advising the branch on compliance with Solvency II and related laws and regulations;
- providing training and guidance regarding applicable law and regulation and TransRe's and GBO's policies, and clearly communicating ethical guidance;
- assessing the possible impact of any changes in the legal and regulatory environment on the operations of GBO;
- identifying and assessing Compliance Risks relevant to GBO and managing the control environment that mitigates those risks;



- undertaking compliance monitoring and making recommendations to improve the effectiveness of compliance practices; and
- identifying GBO compliance training needs and working with TransRe's Corporate Compliance Department ("CCD") and HR to implement effective compliance training programmes.

## **B.5 Internal Audit Function**

GBO's Internal Audit function is an independent function and provides objective challenge and assurance over the operation.

The Internal Audit function supports GBO in accomplishing its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of risk management, control, and governance processes. The Internal Audit function is led by the TransRe Director of Internal Audit, based in New York, USA.

The Internal Audit function is supervised by TransRe's Audit Committee. Rolling three-year audit plans are submitted annually to TRH's Audit Committee for approval. Internal Audit reports are distributed to GBO's Branch Manager and to TRH's Audit Committee. Outstanding internal audit actions are tracked and progress reported at TRH's Audit Committee.

In addition to reporting into TRH's Audit Committee, the Internal Audit function will engage with GBO's Risk function to evaluate the effectiveness and adequacy of the internal control system and other areas of governance, as well as to discuss progress against the annual internal audit plan.

## **B.6 Actuarial Function**

The Actuarial function is responsible for:

- coordinating the calculation of technical provisions;
- ensuring the appropriateness of the methodologies and underlying models used as well as the assumptions made in the calculation of technical provisions;
- assessing the sufficiency and quality of the data used in the calculation of technical provisions;
- comparing best estimates against experience;
- informing the administrative, management or supervisory body of the reliability and adequacy of the calculation of technical provisions;
- expressing an opinion on the overall underwriting policy;
- expressing an opinion on the adequacy of reinsurance arrangements; and
- contributing to the effective implementation of the risk-management system.

The Actuarial function has a direct reporting line to the TransRe Senior International Actuary of TransRe, International and to the Group Chief Actuary and reports on a quarterly basis to the TransRe International Senior Actuary. In addition, an annual internal Actuarial Function Report is provided to the Branch management.

## **B.7 Outsourcing**

### **Outsourcing management**

There is no delegation by GBO's key function holders of their responsibility for those functions.

For each outsourcing arrangement, the Branch Manager is responsible for identifying whether the activity to be outsourced is critical or important, carrying out pre-contract due diligence including know your counterparty ("KYC") checks and agreeing the terms of the engagement. The Branch Manager is also responsible for the ongoing oversight and management of outsourcing arrangements.

### **Outsourcing of critical or important operational functions**

Details of outsourcing in respect of GBO's critical or important operational functions are set out in Figure 14.



*Figure 14: Outsourcing of critical or important operational functions*

| <b>Outsourcing</b>   | <b>Jurisdiction</b> |
|--|---------------------|
| Certain intra-group services and support services are provided by TRC.                             | New York, USA       |
| Certain intra-group services and support services are provided by TransRe Europe Services Limited. | Zurich, Switzerland |
| Certain intra-group services and support services are provided by TRC Paris Branch Office.         | Paris, France       |
| GBO's day-to-day investment management activities are outsourced to Group.                         | New York, USA       |

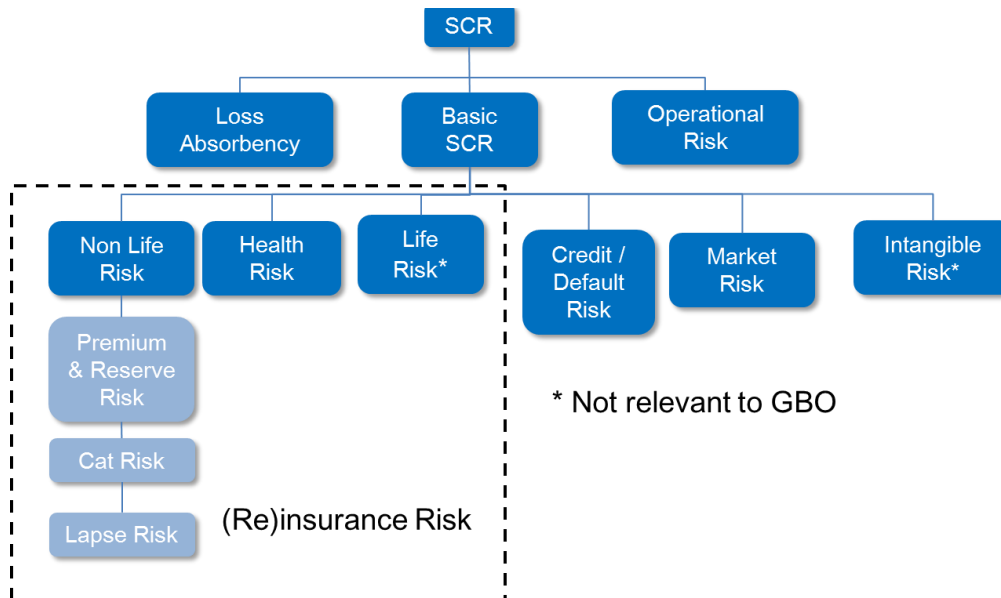
### **B.8 Any Other Information**

GBO does not consider there is any other material information to disclose on its system of governance.



### C. Risk profile

GBO is a branch of TRC, a globally active reinsurer and provides specialist non-life reinsurance. Under Solvency II, GBO's SCR is calculated using the Standard Formula for all components. The Standard Formula is a risk based capital requirement that covers underwriting risk, market risk, credit risk and operational risk in a formulaic way and can be diagrammatically represented as follows:



The above diagram does not include the effect of diversification benefits or adjustments. Each of the key risk categories and keys risks relevant to GBO are described in further detail below.

#### C.1 Reinsurance / Underwriting Risk

GBO underwrites a portfolio of property and casualty reinsurance predominantly across Germany and Austria. Key underwriting risks to which GBO is exposed include:

- Premium / Underwriting risk
  - underwriting outside of appetite;
  - excess exposures in certain classes and/or territories;
  - underwriting below the technical price or without adequate risk transfer;
- Retrocession risk
  - failure of retrocession counterparties or retrocession programmes;
- Reserve risk
  - reserve risks, including inadequate reserving due to flaws in the provisioning/reserving methodology or in the application of the methodology, inadequate Incurred But Not Reported ("IBNR") and inadequate Incurred But Not Enough Reported ("IBNER");
- Catastrophe Risk
  - excessive aggregation/catastrophe risks in a single region/location; and
- Lapse risk
  - the uncertainty arising from the risk of loss or adverse change in the value of insurance liabilities as a result of the discontinuance of reinsurance policies.

GBO maintains a number of risk mitigation techniques and approaches to manage the risks associated with its underwriting risk profile. Further information on the monitoring and approach is provided below.



### **Premium / Underwriting risk management and mitigation techniques**

GBO maintains a clear underwriting philosophy that is supported by risk appetites set at the aggregate level as well as individual class and per risk, procedures and controls in relation to pricing, rigorous risk selection criteria and the ability to underwrite a diverse range of risks across multiple classes and geographies. GBO's main risk concentration relates to natural catastrophe exposure in mainland Europe.

GBO assesses and mitigates premium/underwriting risks by having in place a number of key controls and processes, including:

- ongoing monitoring and exposure management that includes assessing individual and aggregate exposures across all lines of business;
- exposures assessed and tracked against risk tolerances; and
- performing on an ongoing basis, a range of extreme events and stress tests.

Furthermore, ongoing reviews of underwriting activities, including quarterly underwriting performance reviews, pricing adequacy reviews and rate monitoring supplement the oversight framework.

### **Retrocession risk management**

GBO does not have any specific retrocession in place. However, as a branch of global reinsurer, GBO benefits from a comprehensive retrocession programme that provides protection for TransRe globally. Risks associated with retrocession are managed and mitigated by ensuring that all retrocession placements are subject to approval and must comply with TransRe's group-wide retrocession procedures (which include minimum credit quality and counterparty limits approved by the Alleghany Reinsurance Security Committee) and delegated retrocession purchasing authorities.

GBO does not have any exposure to any special purpose vehicles.

### **Reserve risk management**

Reserve risk is managed by the Actuarial function with oversight provided by TransRe's Senior International Actuary. Key controls to manage this risk include:

- a comprehensive annual reserve study;
- quarterly reserve reviews;
- reserving risk controls that include major activity reports, high cost claim alerts, major loss memos and retrocession transaction alerts; and
- independent validation of reserves.

### **Risk sensitivity for underwriting risks**

Quarterly, GBO receives stress test information with the results incorporated into its ORSA process.

As part of the ORSA process, the solvency position and the projected solvency position over the business planning period have been calculated following adverse stresses at different return periods for the material underwriting risks (each risk's stress is considered individually) in addition to multiple losses arising from non-correlating events (e.g. market risks and underwriting risks or a series of events). In addition to these underwriting events, consideration has been given to a material deterioration in GBO's reserves, including adverse development in claims ratios and IBNR.

The results of the analysis showed that the most material impact on the SCR arose from a natural catastrophe event affecting mainland Europe. The analysis undertaken indicates GBO is strongly capitalised and it would take an extreme event (in excess of 1-in-200) to breach the SCR; therefore GBO's underwriting risk profile was assessed to be resilient to withstand severe shocks and is within the TransRe approved risk appetite.



### Process(es) for monitoring the effectiveness of risk mitigation techniques

As a Branch of a globally active reinsurance company, GBO benefits from a robust risk management framework that oversees GBO's risk profile via various governance committees throughout TransRe and Alleghany, the ORSA process, the Branch risk register and the stress and scenario testing GBO performs.

Furthermore, GBO's reserves are subject to quarterly review and TransRe engages an external firm to undertake an independent review of the adequacy of the company's reserves.

### C.2 Market Risk

For GBO, market risk comprises of the following key components:



As a branch of TRC, GBO's investment strategy is aligned with TransRe's. At least annually, TRC's Investment Committee reviews the investment strategy which is based on four key principles:

1. preserve capital;
2. increase surplus;
3. maintain liquidity; and
4. optimise after tax total return on investments, subject to (1)-(3) above.

GBO's investment strategy forms the basis for the mandate given to GBO's asset managers (BlackRock). The mandate includes limits on certain classes and types of investments, restriction on investments in certain industries, sector and geographical limits and a prohibited list of companies which would result in excessive concentration of underwriting and investment risk. The execution of GBO's investment strategy is subject to ongoing monitoring and scrutiny by TRC's Investment Committee.

GBO has a material risk concentration to German Government; this is managed through ongoing review and monitoring by the TRC Investment Committee and GBO's external investment managers.

GBO is exposed to the following key market risks:

#### Interest rate risk

Movements in interest rates affect the level and timing of cash flows for GBO and the fair value of the fixed income securities. As interest rates rise, the fair value of fixed income portfolios declines and conversely, as interest rates decline, the fair value of fixed income portfolios rises. To minimise this risk, GBO adheres to investment policy guidelines developed by TransRe in line with TransRe's overall objectives. These guidelines direct GBO to invest in high-quality issuers and, in particular, the strategy is to position its fixed income securities based on its view of future interest rates and the yield curve, balanced with liquidity requirements and the duration of GBO's technical liabilities.

#### Spread Risk

This relates to the potential financial loss GBO may suffer due to a change in the spread that an asset trades at relative to a comparable government bond.

#### Currency risk

Assets backing the liabilities of GBO are maintained in currencies that its technical provisions are held in, thereby managing the impact of foreign exchange and interest rate risk on GBO's solvency position.





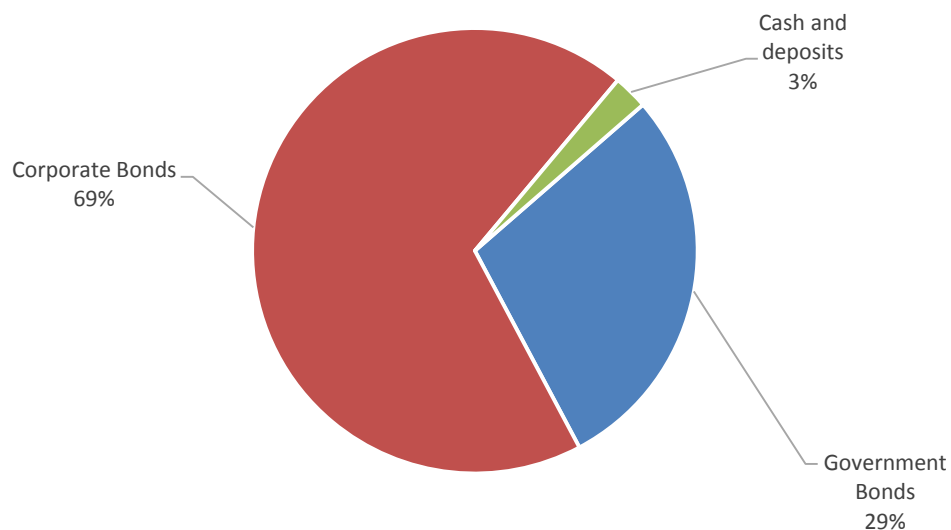
### Market risk management and mitigation techniques

GBO maintains a number of risk mitigation techniques and approaches to managing the risks associated with market risk. Key techniques and controls that are in place include:

- group wide investment risk and underwriting risk accumulation reporting, including issuer accumulations;
- mandates and guidelines provided to external investment managers, which include:
  - regulatory compliance;
  - duration;
  - benchmark portfolio;
  - credit quality;
  - sector limitations;
  - issuer limitations;
  - currency;
- TransRe Investment Committee oversight;
- stress testing; and
- market risk/value at risk analyses, including extreme stress tests (including a +/-300bps movement).

GBO's investment portfolio is summarised as follows:

*Figure 15: Asset breakdown (% of Portfolio)*



The average credit quality of GBO's investment portfolio is AA- (Standard & Poors).

### Risk sensitivity for market risks

TransRe carries out stress and scenario testing as part of its approach to managing market risk, which includes consideration of GBO's investment portfolio. Results are presented at the TransRe Investment Committee and considered as part of GBO's ORSA process.

For the 2016 ORSA, the group wide solvency position and the projected solvency position over the business planning period were re-calculated following adverse market stresses, including a 300bps change in interest rates in both directions and a prolonged economic downturn, which considered more severe low interest rate environment scenarios. Under all of these scenarios, the analysis indicated that



TransRe and GBO were strongly capitalised and were able to withstand these shocks, without breaching its capital requirements.

### **Prudent Person Principle**

When making investment decisions, TransRe considers the risks associated with the investments, including the potential impacts of any economic shock, their liquidity and their admissibility under the Solvency II rules.

All assets, in particular those covering the Minimum Capital Requirement and the Solvency Capital Requirement, are invested in highly rated and liquid assets that aim to ensure the security, quality, liquidity and profitability of the portfolio as a whole. All assets are held in Europe within GBO designated portfolios which ensures their availability.

Assets covering the technical provisions are invested in a manner appropriate to the nature and duration of GBO's reinsurance liabilities.

### **Process(es) for monitoring the effectiveness of risk mitigation techniques**

As a Branch of a globally active reinsurance company, GBO benefits from ongoing oversight of its investment portfolio by the TransRe Investment Committee and by TransRe's Treasury function. Furthermore, stress tests incorporated into the ORSA process, the branch risk register and the stress and scenario testing the group performs supplement these controls.

GBO's investment managers are provided with an investment mandate and are subject to quarterly compliance attestations confirming they have operated in accordance with the mandate.

GBO does not use derivative instruments nor hold assets that are not admitted to trading on regulated financial markets. Assets are managed in such a way as to limit excessive reliance on any particular asset, issuer or group of undertakings, or geographical area that would represent an excessive accumulation of risk to the portfolio as a whole.

## **C.3 Counterparty Default Risk (Credit Risk)**

Credit risk is assumed whenever GBO is exposed to a loss if another party fails to perform its financial obligations to GBO, including the failure to perform them in a timely manner. This includes default by brokers, retrocessionaires, customers, investment counterparties, and suppliers.

### **Brokers / intermediaries / retrocessionaires**

Similar to other insurance and reinsurance companies, GBO has a concentration risk with international brokers and intermediaries, as they represent a major conduit of business to GBO. All brokers, intermediaries and retrocessionaires are subject to ongoing review by a range of fora, which include the TransRe Counterparty and Credit Risk Committee and Corporate Risk Management Committee ("CRMC") as well as through local GBO oversight and monitoring.

Prior to transacting with brokers, cedants or ceded reinsurers for the first time a Know Your Counterparty KYC check is carried out.

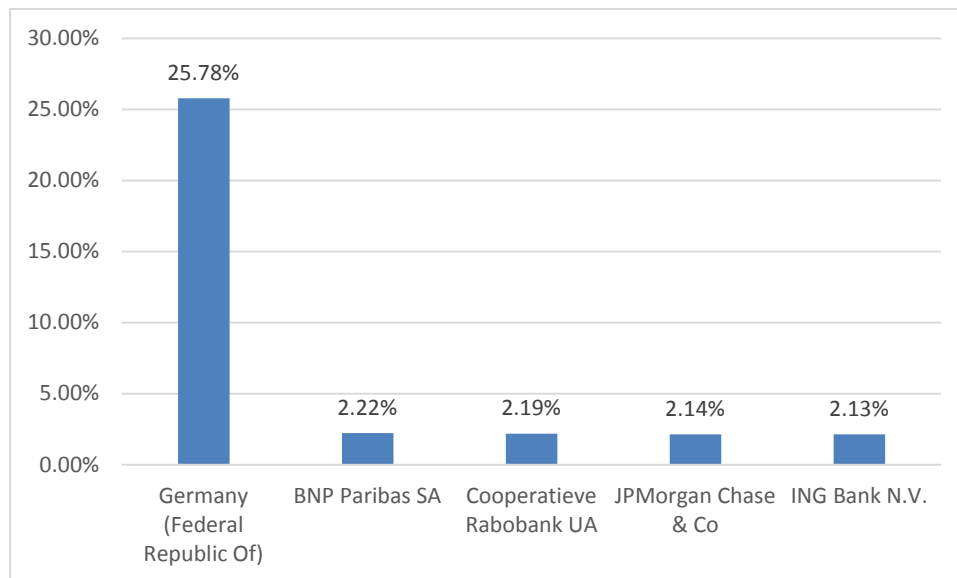
Retrocessionaires must go through a credit and security assessment which is overseen by Alleghany's Reinsurance Security Committee and TransRe's Global Risk Management function ("GRM") based in New York and monitored by TransRe's Counterparty and Credit Risk Committee. Once approved, they are placed on TransRe's approved Security List. All prospective markets and proposed programme limits are reviewed against the Security List prior to placement and in some cases require specific GRM approval prior to placement. The Security List designates separate short-tail and long-tail programme limits for each retrocessionaire.

### **Investment counterparties**

GBO maintains a well-diversified highly rated investment portfolio in its main functional currency, Euros, with its main investment exposure being to the German Government.



Figure 16: Top 5 portfolio issuer exposures



GBO's credit risk management strategies outline the credit rating requirements for its investments. Adherence with this helps to ensure investments are selected in a way that enables the effective management of the risk of counterparty default to an acceptable level in line with TransRe approved risk appetite and tolerances. The credit management strategy also takes into account the exposure to credit spreads.

To aid compliance with rating requirements in GBO and TransRe's capital management strategy and to minimise the risk of counterparty failure, TransRe has established its own set of key risk indicators which are consistent with its investment strategy and investment risk appetite and tolerances. These indicators take into account, but do not rely solely on the financial security rating and credit rating assigned by external rating agencies.

TransRe and GBO use external credit assessments primarily to:

- review the credit quality of assets in its investment portfolios; and
- review the credit quality of its retrocessionaires.

TransRe and GBO do not rely solely on one rating agency and give consideration to a range of views provided by rating agencies as well as their own market knowledge and intelligence provided by professional investment managers.

#### **Risk sensitivity for credit risks**

The sensitivity of the solvency ratio to credit defaults or rating downgrades of GBO's counterparties has also been considered and the results demonstrate that GBO is resilient to a range of events including severe counterparty rating downgrades.

#### **Prudent person principle applied to credit risks**

Counterparties are selected by taking into account the credit rating and reputation of each entity. Credit ratings are used as a way of properly identifying and managing the risk attached to a counterparty and TransRe and GBO ensure only counterparties with a high enough credit rating are used. Furthermore, TransRe and GBO do not rely on a single rating agency, rather seek to use a number of agencies as well as its own analysis to avoid excessive counterparty exposures.

#### **Process(es) for monitoring the effectiveness of risk mitigation techniques**

As noted above, GBO is able to leverage its membership of a globally active reinsurance company to continually monitor and assess the effectiveness of its controls. TransRe's Counterparty and Credit Risk



Committee and the Corporate Risk Management Committee review the risks and effectiveness of controls on a regular basis as well as the risk profile of the company. Information is provided to key forums to enable the monitoring of reinsurance recoverables and excessive counterparty exposures to be tracked and action taken to enhance existing processes where appropriate.

Furthermore, GBO benefits from the additional oversight provided by Alleghany's Reinsurance Security Committee, which approves counterparties and monitors the credit quality of the retrocessionaires on TransRe's security list.

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

Liquidity risk would arise if GBO did not have sufficient financial resources available to enable it to meet its obligations as they fall due, or can secure them only at excessive cost.

Key controls that aid in mitigating this risk include:

- asset/liability assessment performed every quarter;
- quarterly case reserving exercise;
- Investment Committee and Board monitoring;
- quarterly balance sheet review; and
- half yearly profitability reviews.

Liquidity risk is managed through investments in highly liquid investments with a maturity profile that mirrors TransRe's and GBO's expected payment patterns.

##### **Prudent person principle as applied to liquidity risks**

The investment assets are prudently invested taking into account the liquidity requirements of the business and the nature and timing of the insurance liabilities. GBO manages its liquidity risk by maintaining a diversified liquid investment portfolio.

##### **Risk sensitivity for liquidity risk**

GBO has carried out stress and scenario testing as part of its approach to managing liquidity risk and as part of the annual ORSA process. GBO does not consider liquidity to be a material risk.

##### **Process for monitoring the effectiveness of risk mitigation techniques**

TransRe has established a liquidity risk framework which includes setting a liquidity risk appetite. Adherence to the appetite has reviewed every quarter with TransRe reviewing its ability to meet its short and medium term financial commitments in a timely manner in both normal and stressed conditions.

##### **Expected profit included in future premiums ("EPIFP")**

The EPIFP as at 31 December 2016 is €10,921k which includes expected profit commissions and retrocession recoveries.

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

Operational risk is the risk of loss resulting from inadequate or failed internal processes, people and systems, or from external events. Operational risk is diverse in nature and permeates all business activities but remains a distinct form of risk in its own right. Operational risk within GBO has been divided into the following key operational risk areas:

- regulatory and legal risks - the risk of legal or regulatory sanctions or loss caused by a failure to comply with applicable laws, regulations, internal policy and standards of best practice;
- financial crime, including internal and external fraud – this is the risk that the firm might be used to further financial crime;
- financial & accounting – these are the risks associated with financial reporting and integrity of the financial information;



- people risk – this is the risk that people do not follow GBO's procedures, practices and/or rules, thus deviating from expected behaviour in a way that could damage GBO;
- business continuity management – the risk associated with the failure to appropriately manage unforeseen events;
- processing failures, including IT system failures; the risks associated with IT systems;
- model risk - the risk that the output from the models used by GBO is incorrect or flawed due to errors in the design or operation or management's failure to understand the limitations in the output of the models;
- outsourcing – failures relating to the outsourcing of key activities; and
- external events and other changes – failure to react to changes in the external business environment.

Quarterly, GBO's risk owners identify the key risks, causes and consequences together with relevant mitigating controls, within their function / span of control, on an ongoing basis. The results of the assessment are recorded in GBO's risk register and reviewed by the Risk Committee.

GBO maintains an Operational Risk policy that sets out GBO's approach to mitigating risks arising from Operational Risks.

#### Key Controls

Key controls that aid in mitigating this risk include:

- local and corporate risk committees oversight;
- policies and procedures, including the Group's Code of Conduct, business continuity plans and succession planning;
- service level agreements; and
- purchase of insurances.

GBO does not have any material concentrations to operational risk.

#### Risk sensitivities for operational risk

Within GBO's ORSA, the solvency position and the projected solvency position over the business planning period were re-calculated following adverse operational risk stresses. Under all of these scenarios, the analysis indicated that GBO was strongly capitalised and was able to withstand these events without breaching its SCR.

#### Process for monitoring the effectiveness of risk mitigation techniques

GBO and TransRe have an established operational risk framework that monitors and records:

- key risks facing GBO, including their mitigating controls and their effectiveness;
- the environment in which GBO operates; and
- emerging risks and the mitigating steps taken to address them.

The framework is supported by policies and procedures and a strong corporate culture that encourages early notification of operational events or losses. This enables the business to learn from events or near losses and to continually enhance its framework.

#### C.6 Other Material Risks

Franchise/reputation risk: GBO recognises that its long-term success depends on its relationship with clients, brokers, rating agencies, regulators and capital providers and the TransRe brand. Consequently, GBO and TransRe will not accept risks, both underwriting and non-underwriting, that may materially impair or impact the reputation of GBO or TransRe.

Group Risk: As a branch of a large international group, there is a risk GBO could be adversely affected by the actions of another company within the group.



Emerging Risk: On an ongoing basis, TransRe and GBO undertake horizon scanning with a view to identifying new and emerging risks. Annually, TransRe holds a Global Emerging Risk Forum in New York with senior level executives and employees from across the world attending. Where new and emerging risks are identified, these are tracked and reported on at key fora. This ensures GBO is able to react quickly should the environment it operates in were to change.

#### **C.7 Any Other Information**

GBO does not consider there is any other material information to disclose on its risk profile.



## D. Valuation for Solvency Purposes

GBO's Solvency II assets and liabilities are presented on an economic basis consistent with the "fair value" accounting concept. GBO prepares its statutory financial statements in accordance with Handelsgesetzbuch ("HGB"). For the purpose of solvency reporting, a balance sheet in accordance with the International Financial Reporting Standards ("IFRS") as adopted for use in the European Union was established. Details of the basis for the preparation of GBO's balance sheet, critical accounting estimates and judgements and key accounting policies are set out below.

GBO's IFRS valuation is used where consistent with Solvency II's economic basis. Assets and liabilities measured at cost or amortised cost in GBO's balance sheet has been revalued to economic value. Solvency II also requires specific valuation approaches for some assets and liabilities, which have been followed.

GBO exercises judgement in selecting each of its accounting policies. Company law and IFRS require management to select suitable accounting policies, apply them consistently and make judgements and estimates that are reasonable and prudent when preparing the financial statements, and GBO has followed a consistent approach in selecting its valuation approaches for Solvency II. These judgements and estimates are based on management's knowledge as well as current factors and circumstances that may impact business performance, together with appropriate predictions of future events and actions. Actual results may differ from those estimates, possibly significantly. To the extent that actual experience differs from the assumptions used, GBO's financial position, results of operations and cash flows could be materially affected.

The following sections describe the valuation approaches used by GBO for valuing its assets and liabilities.

### D.1 Assets

The material classes of assets shown on GBO's Solvency II Balance Sheet, their Solvency II values and corresponding values shown in GBO's financial statements (all in EUR) are summarised in the table below.

Figure 17: Summary assets

| €'000s                                   | Solvency II    | Financial Statements | Difference     |
|--|----------------|----------------------|----------------|
| Deferred acquisition costs               | -              | 927                  | (927)          |
| Deferred tax assets                      | 1,801          | -                    | 1,801          |
| <i>Investments</i>                       |                |                      |                |
| Government Bonds                         | 65,721         | 65,721               | -              |
| Corporate Bonds                          | 158,212        | 158,212              | -              |
| <i>Reinsurance recoverables</i>          |                |                      |                |
| Non-life excluding health                | (283)          | 101                  | (384)          |
| Deposits to cedants                      | 2,769          | 2,769                | -              |
| Insurance and intermediaries receivables | 276            | 4,898                | (4,622)        |
| Reinsurance receivables                  | 7              | 7                    | -              |
| Receivables (trade, not insurance)       | 941            | 941                  | -              |
| Cash and cash equivalents                | 2,993          | 2,993                | -              |
| Other assets                             | 10             | 10                   | -              |
| <b>Total assets</b>                      | <b>232,447</b> | <b>236,579</b>       | <b>(4,132)</b> |

The following sections provide further details on the specific valuation policies that GBO has applied to produce its Solvency II balance sheet.



## Financial Instruments

### Recognition and derecognition of investments

A financial asset is initially recognised on the date the GBO becomes committed to purchase the asset at its fair value plus directly related acquisition costs, except for those assets classified as fair value through profit or loss where acquisition costs are recognised immediately in the statement of profit or loss and other comprehensive income. A financial asset is derecognised when the Company's rights to receive cash flows from the asset have expired or where the risks and rewards of ownership have been substantially transferred by the Company.

On initial recognition, the Company classifies its financial assets into one of the following categories: financial assets at fair value through profit or loss, loans and receivables or available-for-sale financial assets. For financial instruments classified in categories that require them to be measured at their fair value at the reporting date, fair value is determined with reference to the quoted market bid prices, or by using an appropriate valuation model.

### Fair value of investments

The fair value of a financial instrument is the amount that would be received to sell an asset or settle a liability in an orderly transaction between willing, able and knowledgeable market participants at the measurement date.

The degree of judgement used in measuring the fair value of financial instruments generally correlates with the level of pricing observability. Financial instruments with quoted prices in active markets generally have more pricing observability and less judgement is used in measuring fair value. Conversely, financial instruments traded in other-than-active markets or that do not have quoted prices have less observability and are measured at fair value using valuation models or other pricing techniques that require more judgement. An active market is one in which transactions for the assets being valued occur with sufficient frequency and volume to provide pricing information on an ongoing basis. An other-than-active market is one in which there are few transactions, the prices are not current, price quotations vary substantially either over time or among market makers, or in which little information is released publicly for the asset being valued. Pricing observability is affected by a number of factors, including the type of financial instrument, whether the financial instrument is new to the market and not yet established, the characteristics specific to the transaction and general market conditions.

The Company's management is responsible for the determination of the fair value of the financial assets and the supporting methodologies and assumptions. With respect to securities, the Company employs independent third-party valuation service providers to gather, analyse and interpret market information and derive fair values based upon relevant methodologies and assumptions for individual instruments. When the Company's valuation service providers are unable to obtain sufficient market-observable information on which to estimate the fair value for a particular security, fair value is determined either by requesting from brokers who are knowledgeable about these securities to provide a quote, which is generally non-binding, or by employing widely accepted internal valuation models.

The Company maximises the use of observable inputs and minimises the use of unobservable inputs when measuring fair value. Whenever available, the Company obtains quoted prices in active markets for identical assets at the date of the statement of financial position to measure at fair value fixed maturity securities in its available for sale ("AFS") portfolios. Market price data generally are obtained from exchange or dealer markets.

The Company estimates the fair value of fixed maturity securities not traded in active markets by referring to traded securities with similar attributes, using dealer quotations and matrix pricing methodologies, discounted cash flow analyses or internal valuation models. This methodology considers such factors as the issuer's industry, the security's rating and tenor, its coupon rate, its position in the capital structure of the issuer, yield curves, credit curves, prepayment rates and other relevant factors. For fixed maturity securities that are not traded in active markets or that are subject to transfer restrictions, valuations are





adjusted to reflect illiquidity and/or non-transferability, and such adjustments generally are based on available market evidence. In the absence of such evidence, management's best estimate is used.

Fair values for fixed maturity securities based on observable market prices for identical or similar instruments implicitly include the incorporation of counterparty credit risk. Fair values for fixed maturity securities based on internal models incorporate counterparty credit risk by using discount rates that take into consideration cash issuance spreads for similar instruments or other observable information.

Assets recorded at fair value in the statement of financial position are measured and classified in a hierarchy for disclosure purposes consisting of three levels based on the observability of inputs available in the marketplace used to measure the fair values as discussed below:

#### Impairment

Each quarter, the Company evaluates its investments portfolio for impairment. The determination that a security has incurred an impairment in value requires the Company's management to consider the fundamental condition of the issuer, its near-term prospects and all relevant facts and circumstances. Significant factors considered include:

- the severity of the decline in fair value;
- the length of time the fair value is below cost;
- the issuer's financial condition, including profitability and cash flows;
- the issuer's credit status;
- the issuer's specific and general competitive environment;
- published reports;
- the general economic environment;
- the regulatory and legislative environment; and
- various other factors that may arise or provide evidence.

If it is determined that impairment exists, the Company recognises the impairment as follows:

**AFS:** The impairment loss is the difference between the carrying value of the asset less any impairment losses previously recognised in the statement of profit or loss and its fair value at the measurement date. This amount represents the cumulative loss in accumulated other comprehensive income that is reclassified to the statement of profit or loss.

Impairment losses on AFS debt instruments are reversed in subsequent periods if the amount of the loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognized. If, in a subsequent period, the fair value of an AFS debt instrument increases and the increase can be objectively related to an event occurring after the impairment loss was recognized in the statement of profit or loss, the impairment loss is reversed through the statement of profit or loss. In contrast, impairment losses on AFS equity instruments are not reversed.

**Financial assets carried at amortized cost:** The loss is the difference between the amortized cost of the loan and receivables and the present value of the estimated future cash flows, discounted using the instrument's original effective interest rate. The carrying amount of the asset is reduced by this amount either directly or indirectly through the use of an allowance account.

**Financial assets carried at cost:** For an equity instrument that is not quoted in an active market, which its fair value cannot be reliably measured, the impairment loss is the difference between the carrying amount of the financial asset and the present value estimated future cash flows discounted at the current market rate of return for a similar financial asset. This impairment shall not be reversed.

#### Valuation differences between the Solvency II and IFRS balance sheets

Solvency II requires a hierarchy of valuation methods to be applied to value assets and liabilities on the Solvency II balance sheet, as set out below:

1. The use of quoted market prices in active markets for the same assets or liabilities.



2. Where the use of quoted market prices in active markets for the same assets or liabilities is not possible, quoted market prices in active markets for similar assets and liabilities are used, with adjustments made to reflect factors specific to the asset or liability.
3. Where the criteria above are not satisfied, alternative valuation methods are used, which make maximum use of relevant market inputs (adjusted for factors specific to the asset or liability under valuation). To the extent that observable inputs are not available, use is made of unobservable inputs reflecting the assumptions that market participants would use (including assumptions about risk in the valuation technique).

The Company considers its policy on the fair value of investments to be consistent with the hierarchy of valuation methods required for Solvency II. Accordingly, the valuation policy on fair values is applied consistently between GBO's Solvency II reporting and its IFRS balance sheet. While the Company's accounting policy provides for financial investments in certain categories to be valued at other than fair value, GBO's investment portfolio as at 31 December 2016 contains only investments that are valued at fair value. There are accordingly no differences in valuation relating to financial investments between GBO's Solvency II and IFRS balance sheets, with the exception that the value of investments in the Solvency II balance sheet includes interest accrued since the last coupon payment, compared to the presentation in GBO's financial statements which is accounted for separately within accrued interest.

#### **Fair Value Sources and Use of Pricing Vendors**

The Company's methodology for the valuation of investments is to use ICE Data Services ("ICE"). GBO's other sources for fair values include its asset manager BlackRock.

Although TransRe outsources the portfolio valuation function to pricing vendors or relies on investment managers for valuations in certain instances, GBO is responsible for ensuring that the supporting methodologies and assumptions employed by pricing vendors are consistent with and meet the objectives of fair value determination.

#### **Cash and Cash Equivalents**

Cash and cash equivalents comprises of cash on hand and demand deposits with banks together with short-term highly liquid investments that are readily convertible into known amounts of cash and that are not subject to a significant risk of a change in value. Such investments are classified as cash equivalents where they have maturity dates of three months or less from the date of acquisition.

#### **(Re) Insurance and Intermediaries Receivable**

Receivables and payables are recognised when due. These include amounts due to and from agents, brokers and insurance contract holders. Receivables and payables are recognised at the amount expected to be received or paid when due. Due to the short term nature of GBO's (re)insurance receivables and payables, amounts are not discounted.

The presentation of (re)insurance receivables and payables on the Solvency II balance sheet differs from GBO's statutory financial statements, since (re)insurance receivables and payables for financial reporting purposes include accrued premiums and claims which are included in Technical Provisions in the Solvency II Balance Sheet.

#### **Other Receivables (Trade not Insurance)**

The valuation and presentation of GBO's other receivables and payables, in the Solvency II balance sheet, is consistent with the treatment for GBO's financial reporting.

#### **Foreign Currency Transactions and Balances**

GBO presents its financial statements and Solvency II reporting in Euros, which is GBO's functional currency. GBO applies a consistent policy for translating transactions and balances in currencies other than the relevant currency of presentation between its financial statements and Solvency II reporting.



Where necessary, ground up recalculations for each reporting currency are performed for items with multiple underlying exchange rates (for example, for deferred acquisition costs).

Foreign currency transactions are accounted for at the exchange rates prevailing at the date of the transactions. Gains and losses resulting from the settlement of such transactions, and from the translation of monetary assets and liabilities denominated in non-Euro currencies, are recognised in the statement of profit or loss and other comprehensive income.

Assets and liabilities held in non-Euro currencies at year end have been translated at the prevailing rate at 31 December 2016.

#### Translation to Functional Currency

The operating results and financial position of each non-US dollar ledger are translated into Euros as follows:

- assets and liabilities for each statement of financial position presented are translated at the exchange rate at the date of each statement of financial position;
- income and expenses for each statement of profit or loss is translated at the average exchange rates for each period;
- non-monetary assets are at historic rate;
- all resulting exchange differences are recognised in the statement of profit or loss; and
- both the functional and presentational currency are Euros.

#### **Deferred Tax**

Deferred tax balances (other than in respect of the carry forward of unused tax credits and unused tax losses) are determined by reference to the difference between the Solvency II balance sheet and the values ascribed for tax purposes.

A positive value is only ascribed to deferred tax assets where it is probable that future taxable profits will lead to the realisation of that deferred tax asset. This assessment takes into account time limits that apply to the carry forward of unused tax losses or credits.

Deferred tax balances are recognised and valued in relation to all assets and liabilities that are recognised for solvency or tax purposes. Deferred tax balances are not discounted.

Deferred tax is recognised and valued on a basis consistent with treatment under IFRS. However, the recognition and valuation of deferred tax assets or liabilities is carried out by reference to the Solvency II balance sheet rather than the accounting basis. The resulting amount of deferred tax differs as a result of changes in recognition and valuation of other balance sheet items.

*Figure 18: Deferred tax calculation*

|  | €'000s       |
|--|--------------|
| Deferred tax asset/(liability) per financial statements                                    | 0            |
| Adjustment needed (all timing differences are expected to unwind at a tax rate of 32.975%) |              |
| Change in valuation of investments   | (1,366)      |
| Change in TPs (incl. removal of UPR)   | (1,129)      |
| Risk Margin  | 3,100        |
| Receivables (trade, not insurance)   | 1,196        |
| <b>Total Solvency II Deferred tax asset/(liability)</b>                                    | <b>1,801</b> |

## **D.2 Technical Provisions**

GBO holds technical provisions to represent the current amount it would have to pay to for an immediate transfer of its obligations to another insurer. The technical provisions are comprised of two key elements:



Best estimate liabilities (“BEL”) are the probability weighted average of future cash flows, discounted back to the relevant balance sheet date using risk free discount rates. This includes all of the relevant cash inflows and outflows to meet the requirements of the policies GBO is obligated to at the valuation date.

The risk margin represents an allowance for the cost of capital necessary to support the policies GBO is obligated to at the valuation date over their lifetime. It is calculated by taking 6% of future capital requirements attributable to the policies and discounting back to the relevant balance sheet date using risk free discount rates.

GBO calculate all of their technical provisions using the sum of the BEL and risk margin, therefore:

$$\text{Technical Provisions} = \text{Best Estimate Liability} + \text{Risk Margin}$$

GBO does not calculate technical provisions as a whole.

### Segmentation into lines of business

Best estimates are segmented into twelve lines of business for non-life insurance obligations (with additional segmentation for non-proportional reinsurance accepted) and three lines of business for health insurance obligations pursued on a similar basis to non-life insurance (with additional segmentation for non-proportional reinsurance accepted).

The technical financials of GBO are mapped to Solvency II lines of business according to “sub-department” classification in GBO’s accounting system, subject to allocations for certain sub-departments, which include private and commercial motor and multi-class lines of business. With the exception of these allocations, the sub-departments and Solvency II lines of business are in one-to-one correspondence.

*Figure 19: Technical provisions by Solvency II line of business*

| Solvency II line of business                                | Gross Best Estimate | Recoverables | Net           | Risk Margin  | Net TPs       |
|---|---------------------|--------------|---------------|--------------|---------------|
| General liability insurance                                 | 30,042              | -            | 30,042        | 3,426        | 33,467        |
| Fire and other damage to property insurance                 | 23,509              | -            | 23,509        | 2,681        | 26,190        |
| Non-proportional casualty reinsurance                       | 18,229              | -            | 18,229        | 2,079        | 20,308        |
| Non-proportional property reinsurance                       | 3,527               | (283)        | 3,811         | 435          | 4,245         |
| Motor vehicle liability insurance                           | 3,382               | -            | 3,382         | 386          | 3,767         |
| Credit and suretyship insurance                             | 823                 | -            | 823           | 94           | 917           |
| Other motor insurance                                       | 780                 | -            | 780           | 89           | 869           |
| Non-proportional health reinsurance                         | 775                 | -            | 775           | 88           | 864           |
| Marine, aviation and transport insurance                    | 585                 | -            | 585           | 67           | 652           |
| Income protection insurance                                 | 411                 | -            | 411           | 47           | 458           |
| Non-proportional marine, aviation and transport reinsurance | 91                  | -            | 91            | 10           | 101           |
| <b>Total</b>  | <b>82,154</b>       | <b>(283)</b> | <b>82,438</b> | <b>9,400</b> | <b>91,838</b> |

### Future Management Actions

With the exception of the purchase of future reinsurance (discussed below), the valuation of the technical provisions under Solvency II does not depend on future management actions.

### D.3 Alternative methods for valuation

GBO does not use any alternative valuation methodologies.

### D.4 Any other information

#### Future reinsurance purchases

To the extent that TransRe has a history of renewing outwards non-proportional retrocession, the purchase of future outwards retrocession is assumed in the assessment of technical provisions under Solvency II. In



particular, expected cash flows arising from future retrocession that will cover existing inwards contracts but has not yet been purchased at the valuation date are included in the valuation of the best estimate according to the principle of correspondence.

GBO does not consider there is any other material information to disclose on its valuation for solvency purposes.



## E. Capital Management

### E.1 Own funds

GBO is a branch of TRC. Business accepted by GBO is written on the TRC balance sheet, which has total assets of over US\$15 billion and stockholders' equity of over US\$5bn, as at 31 December 2016. TRC has the following Financial Strength Ratings (May 2017):

- Standard & Poor's Insurer Financial Strength Rating A+, outlook Stable;
- A.M. Best Best's Financial Strength Rating (FSR) A+ (Superior), outlook Stable;
- Moody's Long Term Rating A1, outlook Stable.

The risk appetite in relation to own funds is linked to the investment mandate with Blackrock to "maintain capital levels". The overall objective of GBO, in relation to own funds, is to maintain Tier 1 capital and the level of SCR ensuring the levels of own funds within GBO are within the risk appetite of the firm. As such, GBO maintains a very stable investment portfolio and follows the group's conservative investment strategy.

In order to monitor compliance with the above requirement, GBO undertakes a number of activities. These include:

- the TRC investment committee monitors BlackRock's adherence and compliance with the Investment Mandate;
- production and review of the Solvency II quarterly returns ("QRTs"), ensuring the minimum buffer set by GBO is maintained; and
- KPI's provided to the Branch Manager quarterly to provide further information not contained within the QRTs.

As at 31 December 2016, the available own funds of GBO were as follows:

*Figure 20: Own funds by tier*

| Tier                                | Instrument(s)          | Value(€000)    |
|-------------------------------------|------------------------|----------------|
| Tier 1                              | Reconciliation reserve | 135,335        |
| Tier 2                              | N/A                    | N/A            |
| <b>Total own funds to cover MCR</b> |                        | <b>135,335</b> |
| Tier 3                              | Deferred tax asset     | 1,801          |
| <b>Total own funds to cover SCR</b> |                        | <b>137,136</b> |

At the date of this report, GBO has no ancillary own funds.

Below is an explanation of material differences between GBO's financial statements and the excess of assets over liabilities as calculated for Solvency purposes:



Figure 21: Differences between GBO's financial statements and the excess of assets over liabilities as calculated for Solvency purposes

| €000                     |         |  |
|--------------------------|---------|--|
| IFRS Net Assets          | 134,816 |  |
| Change in:               |         |  |
| Net DAC                  | (927)   | Valued at nil under Solvency II  |
| Insurance receivables    | (4,622) | Estimated premium and Contingent Commission Reserve not yet due moved to TP's    |
| Reinsurance recoverables | (384)   | Adjustment from reinsurer's share of IFRS insurance reserves to Solvency II TP's |
| Insurance payables       | 286     | Estimated premium and Contingent Commission Reserve not yet due moved to TP's    |
| Other payables           | 1,324   | Accrued insurance related expenses not yet due moved to TP's                     |
| Technical provisions     | 17,011  | Adjustment from IFRS insurance reserves to Solvency II TP's                      |
| Risk Margin              | (9,400) | Inclusion of Solvency II Risk Margin   |
| Deferred tax asset       | 1,801   | Pre-tax change in Net Assets x 32.975% deferred tax rate                         |
| SII Net Assets           | 139,905 |  |

A reduction to own funds (via the reconciliation reserve) is made for any restricted own fund items within a ring-fenced fund that exceed the notional SCR of that ring-fenced fund. Given that the non-material size of this balance, a deduction has been made for the full amount in the reconciliation reserve.

GBO also recognises reconciliation reserve of circa €30m which is made up of retained earnings. Except as set out Section E5, there has been no significant changes to own funds during the year.

Due to the makeup of the own funds of GBO, the recognised items are fully eligible to cover the SCR and MCR of GBO. As such, GBO has not applied to use any transitional measures for the calculation of own funds. Grandfathering is not needed because all own funds items meet the Solvency II classification criteria

GBO does not voluntarily disclose any other solvency ratios other than those reported on the own funds QRT (S.23.01).

## E.2 SCR and MCR

Based on the business plan and strategic initiatives outlined above and using the Solvency II Standard Formula to calculate its SCR, GBO's Solvency II capital requirements are outlined below. All numbers are in €000:



Figure 22: Solvency II capital requirements

| Valuation Date                      | 2016<br>Q4 (€000) |
|-------------------------------------|-------------------|
| Eligible Own Funds to cover SCR     | 137,136           |
| Minimum Capital Requirement         | 22,716            |
| Solvency Capital Requirement        | 90,864            |
| Operational Risk                    | 2,464             |
| Basic Solvency Capital Requirement: | 88,400            |
| Market risk                         | 16,873            |
| Counterparty default risk           | 2,935             |
| Health underwriting risk            | 3,346             |
| Non-life underwriting risk          | 80,827            |
| less Diversification                | (15,581)          |
| Non-life underwriting risk:         | 80,827            |
| Non-life catastrophe risk           | 54,578            |
| Non-life premium & reserve risk     | 47,359            |
| Non-life lapse risk                 | 4,366             |
| less Diversification                | (25,476)          |

In order to calculate the MCR for the year, GBO uses the written premiums on an IFRS basis split by Solvency II line of business.

The inputs applied to the calculation of the MCR are made up of the technical provisions (excluding the risk margin) and net written premiums over the last year (for line of business), together with the prescribed minimum (or “absolute floor”) and the most recently calculated SCR.

In summary, GBO’s capital requirements and SCR ratios are:

Below are the Solvency II capital requirements of GBO:

Figure 23: Solvency II capital ratios

| Valuation Date               | 2016<br>Q4 (€000) |
|------------------------------|-------------------|
| EOF                          | 137,136           |
| Minimum Capital Requirement  | 22,716            |
| Solvency Capital Requirement | 90,865            |
| MCR Ratio                    | 596%              |
| SCR ratio                    | 151%              |

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

GBO does not use the duration-based equity risk sub module to calculate the SCR.

### E.4 Differences between the standard formula and any internal model used

GBO does not use an internal model to calculate the SCR and MCR.





## E.5 Non-compliance with the MCR and Non-compliance with the SCR

As a branch of TRC, business written by GBO is carried on the TRC New York balance sheet. GBO has no reasonable foreseeable risk of non-compliance with the branch MCR and SCR and will ensure compliance is maintained on an ongoing basis.

### Non-compliance with the branch SCR

In July 2016 GBO reported to BaFin an underfunding with regards to its SCR. The underfunding occurred on 1 January 2016 due to the change in the calculation of solvency requirements under Solvency II. There has been no significant change in the risk portfolio of the branch or any reduction of the assets attributed to the branch on 1 January 2016. The underfunding amounted to €22.8 million.

The underfunding was resolved by reattributing certain assets of Transatlantic Reinsurance Company, London branch ("LBO") to GBO. The total value of the reattributed assets, as at 30 June 2016, was €85,9 million.

The legal owner of these assets is TRC.

In the event of a winding up of TRC, the whole of the assets of the company would be distributed under the applicable insolvency law of New York State, United States. Under New York State insolvency law, the whole assets of the company would be available to pay the insurance liabilities of all of the company's policyholders, treating the Branch's policyholders on a basis equal to all other policyholders of TRC, and with insurance (but not reinsurance) claims taking precedence over any other claim on TRC with the exception of the following:

GBO considers the provisions of New York State insolvency law to be consistent with Article 275(1)(b) and (2) of the Solvency II Directive (Directive 2009/138/EC), and therefore these assets are suitable to be included on the Branch balance sheet in accordance with Guideline 6 paragraph 1.25(a).

The following is a summary of the balance sheet of the Branch, as at the opening date of Solvency II, and after the re-attribution of these assets:

*Figure 24: Eligible own funds pre and post attribution*

| €000                              | 1 January 2016     | 30 June 2016       |                   |
|-----------------------------------|--------------------|--------------------|-------------------|
|                                   | Before attribution | Before attribution | After attribution |
| Assets                            |                    |                    |                   |
| Investments                       |                    |                    |                   |
| - Government bonds                | 54 011             | 60 970             | 85 817            |
| - Corporate bonds                 | 91 499             | 90 763             | 150 350           |
| - Collateralised securities       | 2 909              | 389                | 389               |
| Cash and cash equivalents         | 3 685              | 5 168              | 6 656             |
| Reinsurance recoverables          | (228)              | 80                 | 80                |
| Other assets                      | 5 834              | 3 260              | 3 260             |
| Liabilities                       |                    |                    |                   |
| Technical provisions              | 92 682             | 91 808             | 91 808            |
| Deferred tax liability            | 2 519              | 1 840              | 1 840             |
| Other liabilities                 | 103                | 53                 | 53                |
| Excess of assets over liabilities | 62 406             | 66 929             | 152 851           |
| Adjustment for ring-fenced funds  | (4 552)            | (2 769)            | (2 769)           |
| Eligible own funds                | 57 853             | 64 160             | 150 082           |

The solvency capital requirement of GBO currently amounted to €86,95 million and the minimum capital requirement of the Branch amounted to €21,74 million (as at 30 June 2016). As a consequence of re-attribution of the assets, the solvency capital requirement and minimum capital requirement increased marginally to €89,40million and €22,35 million respectively.

At 30 June 2016 the overall solvency capital requirement coverage ratio for the Branch following the reattribution was approximately 168%. As noted above, as at 31 December 2016, the ratio stood at 148%.



## **E.6 Any Other Information**

GBO does not consider there is any other material information to disclose regarding its capital management.



## Appendix 1 - Abbreviations used in this report

|           |   |
|-----------|---|
| A.M. Best | A.M. Best Company, Inc. and/or its affiliates                           |
| AFS       | Available for sale  |
| Alleghany | Alleghany Corporation   |
| BaFin     | Bundesanstalt für Finanzdienstleistungsaufsicht                         |
| BEL       | Best Estimate Liabilities   |
| BlackRock | BlackRock, Inc and BlackRock Investment Management (UK) Limited         |
| bps       | Basis points (0.01%)  |
| CCD       | Corporate Compliance Department (New York)                              |
| CCO       | Chief Compliance Officer (New York)                                     |
| CPD       | Continual Professional Development                                      |
| CRMC      | Corporate Risk Management Committee                                     |
| EPIFP     | Expected Profit Included in Future Premiums                             |
| ERM       | Enterprise Risk Management  |
| FSR       | Financial Strength Rating   |
| GBO       | German Branch Office of Transatlantic Reinsurance Company               |
| GRM       | Global Risk Management  |
| HGB       | Handelsgesetzbuch   |
| HR        | Human Resources   |
| IBNER     | Incurred but not Enough Reported  |
| IBNR      | Incurred but not Reported   |
| ICE       | ICE Data Services   |
| IFRS      | International Financial Reporting Standards                             |
| IT        | Information Technology  |
| KYC       | Know Your Counterparty  |
| LBO       | TRC London Branch Office  |
| MCR       | Minimum Capital Requirement   |
| ORSA      | Own Risk and Solvency Assessment  |
| QRT       | Quarterly Reporting Template  |
| S&P       | Standard & Poor's Financial Services LLC and/or its affiliates          |
| SCR       | Solvency Capital Requirement  |
| SFCR      | Solvency and Financial Condition Report                                 |
| SII       | Solvency II Directive   |
| TransRe   | Collective term for TRH, its subsidiaries, branches and representatives |
| TRC       | Transatlantic Reinsurance Company                                       |
| TRH       | Transatlantic Holdings, Inc.  |
| US or USA | United States of America  |
| USD       | United States of America Dollar   |



## Appendix 2 – Public Quantitative Reporting Templates (QRT)

| <b>Templates</b> |  |                   |
|------------------|--|-------------------|
| S.02.01.02       | Balance Sheet  | Relevant element  |
| S.05.01.02       | Premiums, claims and expenses by line of business  | Other information |
| S.05.02.01       | Premiums, claims and expenses by country   | Other information |
| S.17.01.02       | Non-Life Technical Provisions  | Relevant element  |
| S.19.01.21       | Non-life insurance claims  | Other information |
| S.23.01.01       | Own funds  | Relevant element  |
| S.25.01.21       | Solvency Capital Requirement - for undertakings on Standard Formula                        | Relevant element  |
| S.28.01.01       | Minimum Capital Requirement - Only life or only non-life insurance or reinsurance activity | Relevant element  |



## S.02.01.02

## Balance sheet

| <b>Solvency II<br/>value</b>   |                |
|--|----------------|
| <b>C0010</b>   |                |
| <b>Liabilities</b>   |                |
| R0510 Technical provisions - non-life  | 91,554         |
| R0520 <i>Technical provisions - non-life (excluding health)</i>                              | 90,233         |
| R0530 <i>TP calculated as a whole</i>  | 0              |
| R0540 <i>Best Estimate</i>   | 80,968         |
| R0550 <i>Risk margin</i>   | 9,265          |
| R0560 <i>Technical provisions - health (similar to non-life)</i>                             | 1,321          |
| R0570 <i>TP calculated as a whole</i>  | 0              |
| R0580 <i>Best Estimate</i>   | 1,186          |
| R0590 <i>Risk margin</i>   | 135            |
| 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>  | 0              |
| R0630 <i>Best Estimate</i>   | 0              |
| R0640 <i>Risk margin</i>   | 0              |
| R0650 <i>Technical provisions - life (excluding health and index-linked and unit-linked)</i> | 0              |
| R0660 <i>TP calculated as a whole</i>  | 0              |
| R0670 <i>Best Estimate</i>   | 0              |
| R0680 <i>Risk margin</i>   | 0              |
| R0690 Technical provisions - index-linked and unit-linked                                    | 0              |
| R0700 <i>TP calculated as a whole</i>  | 0              |
| R0710 <i>Best Estimate</i>   | 0              |
| R0720 <i>Risk margin</i>   | 0              |
| R0740 Contingent liabilities   | 0              |
| R0750 Provisions other than technical provisions   | 0              |
| R0760 Pension benefit obligations  | 0              |
| R0770 Deposits from reinsurers   | 0              |
| R0780 Deferred tax liabilities   | 0              |
| R0790 Derivatives  | 0              |
| R0800 Debts owed to credit institutions  | 0              |
| R0810 Financial liabilities other than debts owed to credit institutions                     | 0              |
| R0820 Insurance & intermediaries payables  | 0              |
| R0830 Reinsurance payables   | 24             |
| R0840 Payables (trade, not insurance)  | 963            |
| R0850 Subordinated liabilities   |                |
| R0860 <i>Subordinated liabilities not in BOF</i>   |                |
| R0870 <i>Subordinated liabilities in BOF</i>   |                |
| R0880 Any other liabilities, not elsewhere shown   | 0              |
| R0900 <b>Total liabilities</b>   | <b>92,542</b>  |
| <br>   |                |
| R1000 <b>Excess of assets over liabilities</b>   | <b>139,905</b> |







## 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                     | 0  | 0   | 0                           | 0                               | 0                        | 0          | 0                                     | 0                                   | 0                                     | 0   | 0                         | 0                                     |
| R0050  | 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                                     |
| <b>Technical provisions calculated as a sum of BE and RM Best estimate</b> |   |   |                             |                                 |                                   |                       |  |   |                             |                                 |                          |            |                                       |                                     |                                       |   |                           |                                       |
| <b>Premium provisions</b>  |   |   |                             |                                 |                                   |                       |  |   |                             |                                 |                          |            |                                       |                                     |                                       |   |                           |                                       |
| R0060  | Gross   | 0   | 10                          | 0                               | 157                               | 32                    | 419                                      | 1,039                                       | -2,028                      | 42                              | 0                        | 0          | 0                                     | 13                                  | -86                                   | -3  | -10,797                   | -11,202                               |
| R0140  | Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default   | 0   | 0                           | 0                               | 0                                 | 0                     | 0  | 0   | 0                           | 0                               | 0                        | 0          | 0                                     | 0                                   | 0                                     | 0   | -384                      | -384                                  |
| R0150  | <b>Net Best Estimate of Premium Provisions</b>  | 0   | 10                          | 0                               | 157                               | 32                    | 419                                      | 1,039                                       | -2,028                      | 42                              | 0                        | 0          | 0                                     | 13                                  | -86                                   | -3  | -10,412                   | -10,817                               |
| <b>Claims provisions</b>   |   |   |                             |                                 |                                   |                       |  |   |                             |                                 |                          |            |                                       |                                     |                                       |   |                           |                                       |
| R0160  | Gross   | 0   | 401                         | 0                               | 3,225                             | 749                   | 166                                      | 22,470                                      | 32,069                      | 781                             | 0                        | 0          | 0                                     | 762                                 | 18,316                                | 94  | 14,324                    | 93,356                                |
| R0240  | Total recoverable from reinsurance/SPV and Finite Re after the adjustment for expected losses due to counterparty default   | 0   | 0                           | 0                               | 0                                 | 0                     | 0  | 0   | 0                           | 0                               | 0                        | 0          | 0                                     | 0                                   | 0                                     | 0   | 101                       | 101                                   |
| R0250  | <b>Net Best Estimate of Claims Provisions</b>   | 0   | 401                         | 0                               | 3,225                             | 749                   | 166                                      | 22,470                                      | 32,069                      | 781                             | 0                        | 0          | 0                                     | 762                                 | 18,316                                | 94  | 14,223                    | 93,255                                |
| R0260  | <b>Total best estimate - gross</b>  | 0   | 411                         | 0                               | 3,382                             | 780                   | 585                                      | 23,509                                      | 30,042                      | 823                             | 0                        | 0          | 0                                     | 775                                 | 18,229                                | 91  | 3,527                     | 82,154                                |
| R0270  | <b>Total best estimate - net</b>  | 0   | 411                         | 0                               | 3,382                             | 780                   | 585                                      | 23,509                                      | 30,042                      | 823                             | 0                        | 0          | 0                                     | 775                                 | 18,229                                | 91  | 3,811                     | 82,438                                |
| R0280  | <b>Risk margin</b>  | 0   | 47                          | 0                               | 386                               | 89                    | 67                                       | 2,681                                       | 3,426                       | 94                              | 0                        | 0          | 0                                     | 88                                  | 2,079                                 | 10  | 435                       | 9,400                                 |
| <b>Amount of the transitional on Technical Provisions</b>                  |   |   |                             |                                 |                                   |                       |  |   |                             |                                 |                          |            |                                       |                                     |                                       |   |                           |                                       |
| R0290  | Technical Provisions calculated as a whole  |   |                             |                                 |                                   |                       |  |   |                             |                                 |                          |            |                                       |                                     |                                       |   |                           | 0                                     |
| R0300  | Best estimate   |   |                             |                                 |                                   |                       |  |   |                             |                                 |                          |            |                                       |                                     |                                       |   |                           | 0                                     |
| R0310  | Risk margin   |   |                             |                                 |                                   |                       |  |   |                             |                                 |                          |            |                                       |                                     |                                       |   |                           | 0                                     |
| R0320  | <b>Technical provisions - total</b>   | 0   | 458                         | 0                               | 3,767                             | 869                   | 652                                      | 26,190                                      | 33,467                      | 917                             | 0                        | 0          | 0                                     | 864                                 | 20,308                                | 101   | 3,962                     | 91,554                                |
| R0330  | Recoverable from reinsurance contract/SPV and Finite Re after the adjustment for expected losses due to counterparty default - total                              | 0   | 0                           | 0                               | 0                                 | 0                     | 0  | 0   | 0                           | 0                               | 0                        | 0          | 0                                     | 0                                   | 0                                     | 0   | -283                      | -283                                  |
| R0340  | <b>Technical provisions minus recoverables from reinsurance/SPV and Finite Re - total</b>   | 0   | 458                         | 0                               | 3,767                             | 869                   | 652                                      | 26,190                                      | 33,467                      | 917                             | 0                        | 0          | 0                                     | 864                                 | 20,308                                | 101   | 4,245                     | 91,838                                |



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 | <b>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</b> |
| R0230 | <b>Deductions for participations in financial and credit institutions</b>  |
| R0290 | <b>Total basic own funds after deductions</b>  |

**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 | <b>Total ancillary own funds</b>  |

**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  |

**R0580 SCR**

**R0600 MCR**

**R0620 Ratio of Eligible own funds to SCR**

**R0640 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 | <b>Reconciliation reserve</b>   |

**Expected profits**

|       |   |
|-------|---|
| R0770 | Expected profits included in future premiums (EPIFP) - Life business      |
| R0780 | Expected profits included in future premiums (EPIFP) - Non- life business |
| R0790 | <b>Total Expected profits included in future premiums (EPIFP)</b>         |

| Total   | Tier 1 unrestricted | Tier 1 restricted | Tier 2 | Tier 3 |
|---------|---------------------|-------------------|--------|--------|
| C0010   | C0020               | C0030             | C0040  | C0050  |
|         |                     |                   |        |        |
|         |                     |                   |        |        |
|         |                     |                   |        |        |
|         |                     |                   |        |        |
|         |                     |                   |        |        |
|         |                     |                   |        |        |
| 135,335 | 135,335             |                   |        |        |
| 1,801   |                     |                   |        | 1,801  |
|         |                     |                   |        |        |
| 0       |                     |                   |        |        |
| 137,136 | 135,335             | 0                 | 0      | 1,801  |

|   |  |  |   |   |
|---|--|--|---|---|
|   |  |  |   |   |
|   |  |  |   |   |
|   |  |  |   |   |
| 0 |  |  |   |   |
| 0 |  |  |   |   |
|   |  |  |   |   |
|   |  |  |   |   |
| 0 |  |  |   |   |
| 0 |  |  | 0 | 0 |

|         |         |   |   |       |
|---------|---------|---|---|-------|
| 137,136 | 135,335 | 0 | 0 | 1,801 |
| 135,335 | 135,335 | 0 | 0 |       |
| 137,136 | 135,335 | 0 | 0 | 1,801 |
| 135,335 | 135,335 | 0 | 0 |       |

|         |
|---------|
| 90,865  |
| 22,716  |
| 150.92% |
| 595.77% |

| C0060   |
|---------|
| 139,905 |
|         |
|         |
| 1,801   |
| 2,769   |
| 135,335 |

|        |
|--------|
|        |
| 10,921 |
| 10,921 |



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<sub>NL</sub> Result

|       |        |
|-------|--------|
| C0010 | 13,443 |
|-------|--------|

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

- 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

| C0020  | C0030  |
|--------|--------|
| 0      | 0      |
| 411    | 459    |
| 0      | 0      |
| 3,382  | 0      |
| 780    | 1,957  |
| 585    | 0      |
| 23,509 | 12,078 |
| 30,042 | 0      |
| 823    | 1,541  |
| 0      | 0      |
| 0      | 0      |
| 0      | 0      |
| 775    | 162    |
| 18,229 | 0      |
| 91     | 13     |
| 3,811  | 12,446 |

Linear formula component for life insurance and reinsurance obligations

R0200 MCR<sub>L</sub> Result

|       |   |
|-------|---|
| C0040 | 0 |
|-------|---|

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

- 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

| C0050 | C0060 |
|-------|-------|
|       |       |
|       |       |
|       |       |
|       |       |
|       |       |

Overall MCR calculation

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

|       |        |
|-------|--------|
| C0070 | 13,443 |
|       | 90,865 |
|       | 40,889 |
|       | 22,716 |
|       | 22,716 |
|       | 3,600  |
|       | 22,716 |