(Incorporated in Bermuda)

Financial statements **31 December 2016** 

Responsibility for financial reporting

For the year ended 31 December 2016

The management of BF&M Life Insurance Company Limited ("the Company") is responsible for the preparation of the financial statements contained in this report. These financial statements have been prepared in accordance with International Financial Reporting Standards.

Management has established and maintains a system of financial reporting and internal controls to provide reasonable assurance that transactions are properly authorised and recorded. These controls include the careful selection, training, and supervision of qualified employees, the establishment of well-defined responsibilities, and the communication of policies relating to good conduct and business practice. Internal controls are reviewed and evaluated by the Company's internal auditor function.

The Audit, Compliance, and Corporate Risk Management Committee, primarily composed of directors who are not officers or employees of the Company, reviews the financial statements on behalf of the Board of Directors before the statements are submitted to the shareholder.

The shareholder's independent auditors, PricewaterhouseCoopers Ltd. have audited the financial statements of the Company in accordance with International Standards on Auditing and have expressed their opinion in their report to the Company's shareholder. The auditors have unrestricted access to and meet periodically with the Audit, Compliance, and Corporate Risk Management Committee to review its findings regarding internal controls over the financial reporting process, auditing matters and reporting issues.

These financial statements have been authorised for issue by the Board of Directors on April 4, 2017. The Board of Directors has the power to amend these financial statements after issue, if required.

R. John Wight, CPA, CA, CPCU
President and Chief Byecutive Officer

Michael White, FIA Group Chief Financial Officer



### Independent auditor's report

To the Shareholder of BF&M Life Insurance Company Limited

# **Our opinion**

In our opinion, the financial statements present fairly, in all material respects, the financial position of BF&M Life Insurance Company Limited (the Company) as at 31 December, 2016, and its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards.

### What we have audited

The Company's financial statements comprise:

- the statement of financial position as at 31 December, 2016;
- the statement of income for the year then ended;
- the statement of comprehensive income for the year then ended
- the statement of changes in shareholder's equity for the year then ended;
- the statement of cash flows for the year then ended; and
- the notes to the financial statements, which include a summary of significant accounting policies.

### **Basis for opinion**

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the *Auditor's responsibilities for the audit of the financial statements* section of our report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### **Independence**

We are independent of the Company in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (IESBA Code) and the ethical requirements of the Chartered Professional Accountants of Bermuda Rules of Professional Conduct (CPA Bermuda Rules) that are relevant to our audit of the financial statements in Bermuda. We have fulfilled our other ethical responsibilities in accordance with the IESBA Code and the ethical requirements of the CPA Bermuda Rules.

### Responsibilities of management for the financial statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with International Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

PricewaterhouseCoopers Ltd., Chartered Professional Accountants, P.O. Box HM 1171, Hamilton HM EX, Bermuda T: +1 (441) 295 2000, F: +1 (441) 295 1242, www.pwc.com/bermuda



In preparing the financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

### Auditor's responsibilities for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to
  fraud or error, design and perform audit procedures responsive to those risks, and obtain audit
  evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting
  a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may
  involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal
  control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

Reference: Independent Auditor's Report on the Financial Statements of BF&M Life Insurance Company Limited as at 31 December, 2016 and for the year ended.



We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

**Chartered Professional Accountants** 

Pricewaterhouse Coopers led.

Hamilton, Bermuda April 24, 2017

Statement of financial position

# As at 31 December 2016

(in thousands of Bermuda dollars)

	Notes	2016 \$	2015 \$
Assets			
Cash and cash equivalents	6	45,179	47,372
Available for sale investments	8	954	1,500
Investments	8	507,568	489,472
Insurance receivables and other assets	10	19,753	18,380
Amounts due from affiliates	23	14,701	4,735
Regulatory deposits	7	2,271	2,007
Property and equipment	11	384	424
Intangible assets	12	15,408	14,034
Total general fund assets		606,218	577,924
Segregated funds assets	13	685,938	631,059
Total assets		1,292,156	1,208,983
Liabilities			
Other liabilities	14	24,453	22,803
Amounts due to affiliates	23	16,057	11,756
Reinsurance liabilities	15	3,630	2,295
Retirement benefit obligation	16	2,295	2,938
Investment contract liabilities	17	286,605	286,424
Insurance contract liabilities	18	184,915	169,605
Total general fund liabilities		517,955	495,821
Segregated funds liabilities	13	685,938	631,059
Total liabilities		1,203,893	1,126,880
Equity			
Share capital	19	2,500	2,500
Contributed surplus		9,155	8,640
Accumulated other comprehensive loss	24	(2,334)	(2,765)
Retained earnings		78,942	73,728
Total shareholder's equity		88,263	82,103
Total equity		88,263	82,103
Total liabilities and equity		1,292,156	1,208,983

**Approved by the Board of Directors** 

April 24 2017

Date

Director

Statement of income

For the year ended 31 December 2016

(in thousands of Bermuda dollars)		2242	2045
	Notes	2016 \$	2015 \$
Income			
Gross premiums written		139,501	126,350
Reinsurance ceded	-	(7,720)	(8,179)
Net premiums written		131,781	118,171
Investment income (loss)	8	6,707	(3,671)
Commission and other income	20	7,322	7,976
Total income	-	145,810	122,476
Expenses			
Insurance contracts benefits and expenses	21	108,860	85,497
Investment contract (benefits) expenses		(1,344)	1,113
Participating policyholders' net loss (income)		581	(483)
Commission expense		3,388	3,267
Operating expenses	22	23,514	24,111
Amortisation expense		1,835	1,825
Interest on loans	-	2	-
Total benefits and expenses	-	136,836	115,330
Net income for the year	_	8,974	7,146

Statement of comprehensive income

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

	2016 \$	2015 \$
Net income for the year	8,974	7,146
Other comprehensive income:		
Items that will not be reclassified to profit or loss Re-measurement of retirement benefit obligations	431	110
Total other comprehensive income for the year	431	110
Comprehensive income	9,405	7,256

Statement of changes in shareholder's equity

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

	2016 \$	2015 \$
Share capital Balance – beginning and end of year	2,500	2,500
Contributed surplus Balance – beginning of year Stock issued under equity incentive plan Balance – end of year	8,640 515 9,155	8,124 516 8,640
Accumulated other comprehensive loss Balance – beginning of year Other comprehensive income for the year	(2,765) 431	(2,875) 110
Balance – end of year	(2,334)	(2,765)
Retained earnings Balance – beginning of year Net income for the year Dividends paid	73,728 8,974 (3,760)	70,342 7,146 (3,760)
Balance – end of year	78,942	73,728
Total shareholder's equity	88,263	82,103

Statement of cash flows

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

	2016 \$	2015 \$
	·	· ·
Cash flows from operating activities	0.074	7 4 40
Net income	8,974	7,146
Adjustments for:	(4.4.455)	(4.4.00.4)
Investment income	(14,455)	(14,224)
Net realised gain on investments Change in fair value of investments	(622) 3,173	(3,871) 11,545
Amortisation of bond premiums	996	1,104
Provision for losses on investments	1,942	6,615
Amortisation of property and equipment	156	167
Amortisation of intangible assets	1,678	1,658
Interest on loan	1,070	1,000
Compensation expense related to share grants	515	516
Changes in assets and liabilities		
Insurance receivables and other assets	(879)	2,493
Amounts due to/from affiliates	(5,665)	19,419
Insurance contract liabilities	181	(5,254)
Investment contract liabilities	15,310	4,880
Other liabilities	1,650	4,296
Reinsurance liabilities	1,335	72
Retirement benefit obligations	(212)	5
Regulatory Deposits	-	3,052
Restricted cash	(264)	(1,191)
Cash generated from operations	13,815	38,428
Interest paid	(2)	-
Interest received	13,7 <b>1</b> 6	12,620
Dividends received	244	136
Net cash generated from operating activities	27,773	51,184
Cash flows from investing activities		
Purchase of investments	(228,193)	(177,790)
Proceeds from sale of investments	205,155	167,476
Acquisition of property and equipment	(116)	(112)
Acquisition of intangible assets	(3,052)	(3,060)
Net cash used for investing activities	(26,206)	(13,486)
Cash flows from financing activities		
Cash dividends paid	(3,760)	(3,760)
Loan repayment from affiliate	<del>_</del>	1,225
Net cash used for financing activities	(3,760)	(2,535)
(Decrease) increase in cash and cash equivalents	(2,193)	35,163
Cash and cash equivalents – beginning of year	47,372	12,209
Cash and cash equivalents – end of year	45,179	47,372

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

### 1. NATURE OF THE COMPANY AND ITS BUSINESS

BF&M Life Insurance Company Limited (the "Company") was incorporated in Bermuda on 13 November 1990 and is a wholly-owned subsidiary of BF&M Limited ("BF&M"). The Company is registered as a Dual – Class D and Class 3B insurer under The Bermuda Insurance Act 1978, amendments thereto and related regulations ("the Act") and writes group and individual life, accident and health, pension and annuity business. The address of its registered office is 112 Pitts Bay Road, Pembroke, HM08, Bermuda.

The Company's principal business is insurance. It determines and charges a premium to policyholders which, taken as a pool with all other policyholders, is expected to cover underwriting costs and claims which may take a number of years to settle. The business risks of insurance reside in determining the premium, settlement of claims, and estimation of claim costs and management of investment funds. The Company is involved in life, health and long-term disability insurance, annuities and the management and investment of pension plans.

During 2015, a merger was undertaken between Bermuda International Reinsurance Services Limited and the Company where the Company was the surviving entity. Both entities were 100% owned by BF&M.

On 4 April 2017, the Board of Directors approved the financial statements and authorised them for issue. The Board of Directors has the power to amend the financial statements after issue.

### 2. SIGNIFICANT ACCOUNTING POLICIES

The principal accounting policies applied in the preparation of these financial statements are set out below. These policies have been consistently applied to all the years presented, unless otherwise stated.

#### A. Statement of compliance

The financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") as issued and adopted by the International Accounting Standards Board ("IASB").

### B. Basis of preparation

#### i) Basis of measurement

The financial statements have been compiled on the going concern basis and prepared on the historical cost basis, as modified by the revaluation of: available-for-sale financial instruments and certain segregated fund assets & liabilities measured at fair value; retirement benefit obligations measured at present value; and financial assets and liabilities (including derivative instruments) at fair value through profit or loss.

The statement of financial position is presented in order of liquidity.

### ii) Critical estimates, judgments and assumptions

The preparation of the Company's financial statements requires management to make judgments, estimates and assumptions that affect the reported amounts of assets, liabilities, revenue and expenses. All estimates are based on management's knowledge of current facts and circumstances, assumptions based on that knowledge and their predictions of future events and actions. It is reasonably possible, on the basis of existing knowledge, that outcomes within the next financial year that are different from the assumptions made could require a material adjustment to the carrying amount of the asset or liability affected. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which estimates are revised and in any future periods affected.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

Key sources of estimation uncertainty and areas where significant judgments have been made are listed below and discussed throughout the notes to these financial statements including:

- The actuarial assumptions used in the valuation of life and health insurance and investment contract liabilities under the Canadian Asset Liability Method ("CALM") require significant judgment and estimation. Key assumptions and considerations in choosing assumptions are discussed in Note 2K and sensitivities are discussed in Note 5B.
- Management considers the synergies and future economic benefits to be realised in the initial recognition and measurement of intangibles assets as well as testing of recoverable amounts. The assessment of the carrying value of intangible assets relies upon the use of forecasts and future results. Refer to Note 2J and Note 12.
- The actuarial assumptions used in determining the liability and expense of the Company's retirement benefit obligations. Management reviews previous experience of its plan members and market conditions for the year. Refer to Note 16.
- Management uses independent qualified appraisal services to assist in determining the fair value of investment properties or properties providing collateral for mortgages. This fair value assessment requires judgments and estimates on future cash flows and general market conditions. Refer to Note 8.

#### C. Determination of fair value

Fair value is determined based on the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value is measured using the assumptions that market participants would use when pricing an asset or liability. When available, quoted market prices are used to determine fair value. If quoted market prices are not available, fair value is typically based on alternative valuation techniques such as discounted cash flows and other techniques. When observable valuation inputs are not available, significant judgment is required to determine fair value by assessing the valuation techniques and inputs. For bonds and fixed income securities, broker quotes are typically used when external public vendor prices are not available. Judgment is also applied in adjusting external observable data for items including liquidity and credit factors. A description of the fair value methodologies and assumptions by type of asset is included in Note 9.

### D. Foreign currency translation

#### i) Functional and presentation currency

Items included in the financial statements of the Company are measured using the currency of the primary economic environment in which the entity operates (the "functional currency"). All amounts in the financial statements are in thousands of Bermuda dollars, which is the Company's presentation currency.

### ii) Transactions and balances

Monetary assets and liabilities denominated in currencies other than the functional currency of the Company are translated into the functional currency using the rate of exchange prevailing at the statement of financial position's date. Income and expenses are translated at rates of exchange in effect on the transaction dates. Foreign exchange gains and losses are expensed on the statement of income.

Translation differences on non-monetary financial assets and liabilities held at fair value through profit or loss are recognised in profit or loss as part of the fair value gain or loss. Translation differences on non-monetary financial assets classified as available for sale are included in other comprehensive income.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

### E. Cash and cash equivalents

Cash and cash equivalents include cash in hand, deposits held on call with banks, other short-term highly liquid financial assets with original maturities of three months or less, and bank overdrafts.

### F. Regulatory deposit

Regulatory deposits are held with Regulators as a legal requirement in order to provide services in the respective territories.

#### G. Financial instruments

### i) Financial assets

### Classification, recognition and subsequent measurements of financial assets

The Company classifies its investments into the following categories: (a) financial assets at fair value through profit and loss ("FVTPL"), (b) loans and receivables, and (c) financial assets available for sale. Management determines the classification at initial recognition and is dependent on the nature of the assets and the purpose for which the assets were acquired.

#### a. FVTPL

A financial asset is classified at FVTPL if it is designated as such upon initial recognition or is classified as held-for-trading. A financial asset can be designated as FVTPL if it eliminates or significantly reduces an accounting mismatch. A financial asset is classified as held-for-trading if it is acquired mainly for the purpose of selling in the near term or traded for the purposes of earning investment income. Attributable transaction costs upon initial recognition are recognised in investment income on the statement of income as incurred. FVTPL assets are measured at fair value and changes in fair value as well as realised gains and losses on sales are recognised in investment income on the statement of income. Dividends earned on equities are recorded in investment income on the statement of income. Derivatives are also categorised as held-for-trading unless they are designated as hedges. The Company has not designated any derivatives as hedges.

#### b. Loans and receivables

Loans and receivables are all non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Such assets are recognised initially at fair value plus any directly attributable transaction cost. Subsequent to initial recognition, loans and receivables are measured at amortised cost using the effective interest rate method, less any impairment loss. For purposes of this classification loans and receivables are comprised of mortgages and other loans. Realised gains or losses from the sale of loans and receivables are recorded in investment income in the statement of income.

### c. Available-for-sale financial assets

Available-for-sale financial assets are non-derivative financial assets that are not classified in any of the previous categories. Such assets are recognised initially at fair value plus any directly attributable transaction cost. Equities are subsequently carried at fair value. Residential properties available-for-sale are subsequently carried at the lower of carrying value and the estimated fair value less costs to sell and other available for sale financial assets are carried at fair value. Gains and losses arising from changes in the fair value of the financial assets available for sale are included in the statement of comprehensive income in the period in which they arise. When securities classified as available for sale are sold or impaired, the accumulated fair value adjustments recognised in other comprehensive income are included in the statement of income.

All other financial assets (including fixed income securities classified as loans and receivables) are recognised initially on the trade date at which the Company becomes a party to the contractual provisions of the instrument. Balances pending settlement as a result of sales and purchases are reflected on the statement of financial position as receivable for investments sold and payable for investments purchased.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## De-recognition and offsetting

The Company derecognises a financial asset when the rights to receive cash flows from the financial asset have expired or have been transferred and the Company has transferred substantially all the risk and rewards of ownership of the financial asset, which is normally the trade date.

#### Investment income

Dividends on equity instruments are recognised in the statement of income on the ex-dividend date. Interest income is recorded on the accrual basis, using the effective interest rate method, in investment income on the statement of income. Interest income on impaired loans and receivables is recognised using the original effective interest rate.

### ii) Financial liabilities

### Classification, recognition and subsequent measurement of financial liabilities

The Company has the following financial liabilities: (a) financial liabilities at FVTPL and (b) other financial liabilities. Management determines the classification at initial recognition.

#### a. FVTPL

The Company's financial liabilities at FVTPL relate to certain investment contract liabilities. Contracts recorded at FVTPL are measured at fair value at inception and each subsequent reporting period. Changes in fair value of investment contract liabilities are recorded in investment contract benefits on the statement of income.

#### b. Other financial liabilities

All remaining financial liabilities are classified as other financial liabilities. Such financial liabilities are initially recognised at fair value plus any directly attributable transaction costs. Included under other liabilities are accounts payable. Other liabilities are considered short-term payables with no stated interest and the carrying value of these financial liabilities approximates fair value at the reporting date.

Other liabilities (including liabilities designated at FVTPL) are recognised initially on the trade date at which the Company becomes a party to the contractual provision of the instrument.

### H. Impairment of assets

### i) Impairment of financial assets

The Company reviews the carrying value of its financial assets, except those classified as FVTPL, at each period end for evidence of impairment and reversal of previously recognised impairment losses. These assets are considered impaired if there is objective evidence of impairment as a result of one or more loss events that have an impact that can be reliably estimated on the estimated future cash flows of the asset and the financial assets carrying value exceeds the present value of the estimated future cash flows. Objective factors that are considered when determining whether a financial asset or group of financial assets may be impaired include, but are not limited, to the following: (i) failure to make scheduled payments of capital and/or interest, (ii) adverse changes in the payment pattern of the borrower and (iii) significant deterioration in the fair value of the security underlying financial asset.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

#### a. Loans and receivables

When loans and receivables assets (other than collateralised mortgage loans) carried at amortised cost are impaired, the amount of the loss is measured as the difference between the asset's carrying amount and the present value of estimated future cash flows discounted at the financial asset's original effective interest rate. For collateralised mortgage loans the carrying amount is reduced to its recoverable amount, being the future cash flow of the collateralised value less cost to sell discounted at the original effective interest rate of the instrument. For all loans and receivables where an impairment loss has occurred, the carrying amount of the asset is reduced through the use of an allowance account, and the amount of the loss is recognised in the statement of income. When an event occurring after the impairment was recognised cause the amount of impairment loss to decrease, the decrease in impairment loss is reversed in investment income on the statement of income.

### b. Financial assets classified as available for sale

In the case of equity financial assets classified as available for sale, in addition to types of events listed above, a significant or prolonged decline in the fair value of the security below its cost is objective evidence of impairment.

When an available-for-sale asset is impaired, the loss accumulated in other comprehensive income is reclassified to investment income on the statement of income. The cumulative loss that is reclassified from other comprehensive income to investment income is measured as the difference between the acquisition cost and the current fair value of the financial assets less any impairment loss previously recognised in the statement of income. If, in a subsequent period, the fair value of a financial asset increases and the increase can be objectively related to an event occurring after the impairment loss was recognised in profit or loss, the impairment is reversed through the statement of income.

### ii) Impairment of non-financial assets

The Company's non-financial assets comprise of property and equipment, and intangibles assets. Non-financial assets that have an indefinite useful life are not subject to amortisation and are tested annually for impairment. Non-financial assets that are subject to amortisation are reviewed for impairment whenever there is objective evidence of impairment. Objective evidence includes, but is not limited to the following: (i) adverse economic, regulatory or environment conditions that may restrict future cash flows and asset usage and/or recoverability. (ii) the likelihood of accelerated obsolescence arising from the development of new technologies and products and (iii) the disintegration of the active market(s) to which the asset is related. If objective evidence of impairment exists, then the asset's recoverable amount is estimated. An impairment loss is recognised for the amount by which the asset's carrying amount exceeds its recoverable amount and is recognised in amortisation on the statement of income. The recoverable amount is the higher of an asset's fair value less costs to sell and value-in-use. In assessing value-in-use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market conditions of the time value of money and the risks specific to the asset. Assets which cannot be tested individually are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets (cash-generating units), except where the value in use of an asset can be estimated as being close to its fair value less costs to sell where fair value can be reliably determined.

#### I. Property and equipment

All assets classified as property and equipment are stated at historical cost less accumulated depreciation and accumulated impairment losses. Historical cost includes expenditure that is directly attributable to the acquisition of the items. Subsequent costs are included in the asset's carrying amount only when it is probable that future economic benefits associated with the item will flow to the Company and the cost of the item can be measured reliably. Expenditures relating to ongoing maintenance of property and equipment are expensed as incurred in operating expenses on the statement of income.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

Depreciation is calculated using the straight-line method to allocate their cost to their residual values over their estimated useful lives at the following rates:

Furniture and equipment 5 years – 10 years Computer hardware 3 years – 5 years

The assets' residual values and useful lives and method of depreciation are reviewed at the end of each reporting period and adjusted if appropriate. Where the carrying amount of an asset is greater than its estimated recoverable amount, it is considered impaired and it is written down immediately to its recoverable amount. In the event of improvement in the estimated recoverable amount, the related impairment may be reversed.

Gains and losses on disposals are determined by comparing the proceeds with the carrying amount. These are included in commissions and other income on the statement of income.

### J. Intangible assets

Intangible assets consist of finite life intangible assets. These assets include the following:

### i) Finite life intangible assets

Intangible assets have been determined to have finite lives and are amortised on a straight-line basis over varying periods of up to 10 years, being the estimated expected lives. The estimated life is re-evaluated when there is objective evidence of impairment (refer to Note 2 (H)(ii). For assets that are not yet in use or subject to amortisation, such as software development costs, the impairment is assessed on an annual basis. Finite life intangible assets include the following:

### a. Customer lists

These assets, which comprise customer lists, customer relationships and contracts acquired from the purchase of rights or as part of business combinations, were initially measured at fair value by estimating the net present value of future cash flows from the contracts in force at the date of acquisition. Subsequently, these assets are carried as cost less accumulated amortisation. Amortisation is calculated using the straight line basis over 10 years, being the expected life of the business assumed.

### b. Software development costs

Costs associated with maintaining computer software programmes are recognised as an expense as incurred. Software development costs that are directly attributable to the design and testing of identifiable software products controlled by the Company are recognised as internally generated intangible assets when:

- it is technically feasible to complete the software product so that it will be available for use;
- management intends to complete the software product and use it:
- there is an ability to use the software product;
- it can be demonstrated how the software product will generate probable future economic benefits;
- adequate technical, financial and other resources to complete the development and to use the software product are available; and
- the expenditure attributable to the software product during its development can be reliably measured.

Directly attributable costs that are capitalised as part of the software development include employee costs and an appropriate portion of directly attributable overheads. Other development expenditures that do not meet these criteria are expensed when incurred. Capitalised software development costs for projects in use are amortised on a straight-line basis over their useful lives, which range from 5 to 10 years.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

#### K. Insurance and investment contracts

The Company issues contracts that transfer insurance risk or financial risk or both.

#### i) Insurance contracts

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

Once a contract has been classified as an insurance contract, it remains an insurance contract for the remainder of its lifetime, even if the insurance risk reduces significantly during this period, unless all rights and obligations are extinguished or expire. Investment contracts can, however, be reclassified as insurance contracts after inception if insurance risk becomes significant.

Life and health insurance contracts include term, whole life and universal life insurance contracts, group life insurance policies, health insurance contracts and life contingent annuities. The Company holds whole life contracts which may be either participating or non-participating contracts.

Section a) – b) outlines the recognition and measurement of material financial line items related specifically to insurance contracts.

#### a. Reinsurance contracts held related to insurance contracts

The Company uses reinsurance in the normal course of business to manage its risk exposure. Contracts entered into by the Company with reinsurers, under which the Company is compensated by the reinsurers for losses on one or more contracts issued by the Company and that meet the classification requirements for insurance contracts, are classified as reinsurance contracts held. Reinsurance assets are measured using the amounts and assumptions associated with the underlying insurance contracts and in accordance with the terms of each reinsurance contract.

To further mitigate underwriting risk, the Company purchases reinsurance to share part of the risks originally accepted by the Company in writing premiums. This reinsurance, however, does not relieve the Company of its primary obligation to policyholders. If any reinsurers are unable to meet their obligations under the related agreements, the Company remains liable to its policyholders for the unrecoverable amounts.

The benefits to which the Company is entitled under its reinsurance contracts held are recognised as reinsurance assets. These assets consist of short-term balances due from reinsurers, as well as longer term receivables that are dependent on the expected claims and benefits arising under the related reinsured insurance contracts. Reinsurance liabilities are primarily premiums payable for reinsurance contracts and are amortised consistent with the underlying insurance contracts.

The Company assesses its reinsurance assets for impairment on an annual basis. If there is objective evidence that the reinsurance asset is impaired, the Company reduces the carrying amount of the reinsurance asset to its estimated recoverable amount and recognises that impairment loss in the statement of income.

### b. Insurance contract liabilities

These contracts (meaning insurance contract liabilities, both participating and non-participating) include all forms of life, health and accident insurance and life contingent annuities sold to individuals and groups. A provision for life and health insurance liabilities is made which represents the amounts required, in addition to future premiums and investment income, to provide for future benefit payments, policyholder dividends, commission and policy administrative expenses for all in-force life insurance and annuity policies. These benefits are determined using generally accepted actuarial practices according to standards established by the Canadian Actuarial Standards Board ("ASB"). In accordance with these standards, the provisions have been determined using the CALM or an approximation of CALM.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

The insurance liabilities under CALM are calculated by projecting asset and liability cash flows under a variety of interest rate scenarios using best estimate assumptions, together with margins for adverse deviations with respect to other contingencies pertinent to the valuation. Long term business provisions make sufficient allowance for the expected experience scenario and for adverse deviations in experience. Liabilities derived through an approximation to CALM rely on a combination of Company and industry specific experience in order to determine the best estimate assumptions and corresponding margins for adverse deviations, the largest of which, the group and individual health reserves, relies on a historical analysis of the Company's claims emergence patterns and completion factors. Many of the estimates used in actuarial valuation relate to future events and involve a significant amount of judgment. As a result, these estimates are subject to revision on a regular basis.

In certain life and health reinsurance contracts underwritten by the Company, where the timeliness and quality of information from cedants is not sufficient to provide a reasonable estimate of true premium written, then those premiums are recorded as cash is received from the cedants. An insurance contract liability is calculated and any loss on an underwriting year is recorded in the statement of income. If any profit is anticipated on an underwriting year then further reserves are established to record to nil underwriting income. This takes place for the first 3 years of each underwriting year programme as this time period is felt to be the minimum time necessary to determine underwriting results.

Expected reinsurance recoveries, net of any required provision for impairment are estimated using principles consistent with the Company's method for establishing the related liability and are recorded in accordance with the terms of the Company's reinsurance agreements.

#### ii) Investment contracts

Investment contracts are those contracts that do not transfer significant insurance risk but do transfer financial risk from the policyholder.

Contracts issued that do not transfer significant insurance or financial risk from the policyholder are referred to as service contracts.

The Company issues contracts that in some instances contain a discretionary participation feature ("DPF"). This feature entitles the holder to receive, as a supplement to guaranteed benefits, a dividend. Dividends are paid on the policy anniversary and as long as the policy is in force. These contracts are referred to as participating contracts. IFRS allows the non-guaranteed, or participating, elements of such contracts to be classified as either a liability or as equity, depending on the nature of the obligation to the policyholder. The contracts issued by the Company contain constructive obligations to the policyholder with respect to the DPF of the contracts. We have therefore elected to classify these features as a liability, consistent with accounting treatment under the CALM, and in accordance with guidance provided by the Canadian Institute of Actuaries.

Investment contracts with discretionary participating features are accounted for in accordance with IFRS 4 and investment contracts without discretionary participating features are accounted for in accordance with IAS 39, Financial Instruments: Recognition and Measurement.

The Company's investment contracts include pension plans with a guaranteed minimum rate of return and annuities that do not transfer insurance risk. All investment contracts issued are non-participating.

Liabilities for investment contracts have been designated at fair value through profit and loss ("FVTPL"). Contracts recorded at FVTPL are measured at fair value at inception and each subsequent reporting period using CALM or an approximation of CALM. Changes in investment contract liabilities are recorded as a change in investment contract benefits expense in the statement of income. These liabilities are derecognised when the obligation of the contract is discharged, cancelled or expired.

### iii) Receivables and payables related to insurance contracts and investment contracts

Receivables and payables are recognised when due. These include amounts due to and from agents, brokers and insurance and investment contract holders. These receivables and payables are included in insurance receivables and other assets, insurance and investment contract liabilities and other liabilities in the statement of financial position.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

If there is objective evidence that the receivable is impaired, the Company reduces the carrying amount of the receivable accordingly and recognises that impairment loss in the statement of income. The Company gathers the objective evidence that a receivable is impaired using the same process adopted for loans and receivables in Note 2H above. The impairment loss is calculated using the same method used for these financial assets.

### L. Segregated funds assets and liabilities

Segregated funds assets and liabilities relates to contracts issued by the Company where the benefit amount to the policyholder is directly linked to the fair value of the investment held in the particular segregated fund. The underlying assets are registered in the name of the Company and the segregated fund policyholder has no direct access to the specific assets. The contractual arrangements are such that the segregated fund policyholder bears the risk and rewards of the fund's investment performance. There is also no insurance risk to the Company with these contracts. Segregated funds net assets are recorded at fair value. The fair value of the segregated funds net liabilities is equal to the segregated funds net assets. Income earned on the management of these contracts is included in commission and other income in the statement of income. Investment income earned by the segregated funds and expenses incurred by the segregated funds are not presented in the statement of income and are disclosed in Note 13.

### M. Loans to policyholders

Loans to policyholders are initially measured at fair value and subsequently carried at amortised cost and are fully secured by the policy values on which the loans are made. These loans are classified as loans and are included in investments within the statement of financial position.

### N. Employee benefits

The Company operates various post-employment schemes, including both defined benefit pension plans and post-employment medical plans.

### i) Pension obligations

A defined contribution plan is a pension plan under which the Company pays fixed contributions into a separate entity. With respect to the Company's defined contribution plans, the Company pays contributions into the plan and has no further payment obligations once the contributions have been paid. The contributions are recognised as employee benefit expenses when they are due.

A defined benefit plan is a pension plan in which the Company is obligated to pay a specified benefit based on a predetermined formula. The net liability recognised in the statement of financial position in respect of the defined benefit pension plan is the present value of the defined benefit obligation at the end of the financial reporting period less the fair value of plan assets. When the calculation results in a surplus, the asset recognised is limited to the present value of the future economic benefit available in the form of future refunds from the plan or reductions in future contributions to the plan (the asset limit). The defined benefit obligation is calculated annually by independent actuaries using the projected unit credit method. The present value of the defined benefit obligation is determined by discounting the estimated future cash outflows using market interest rates of high-quality debt instruments.

Re-measurement of the net defined benefit asset or liability consists of actuarial gains and losses, the change in effect from asset limits and the return on plan assets, excluding amounts included in net interest on the net defined benefit asset or liability, and are charged or credited to other comprehensive income in the period in which they arise. Current service costs, past services cost, any gains or losses from curtailments and interest on the net defined benefit liability (asset) are recognised immediately in the statement of income.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

### ii) Other post-employment obligations

In addition to pension benefits, the Company provided post-retirement benefits for health care to qualified employees who retired prior to 1 January 2012. The entitlement to these benefits was usually conditional on the employee remaining in service up to retirement age and the completion of a minimum service period. The expected costs of these benefits were accrued over the period of employment using an accounting methodology similar to that for defined benefit pension plans.

In the prior year, these costs were recognised on an accrual basis during the years when service was provided to the Company. Actuarial gains and losses are charged or credited to equity in other comprehensive income in the period in which they arise. In the current year only the interest on the obligation is recognised in the statement of income. Independent qualified actuaries value these obligations annually.

### O. Revenue recognition

Revenue comprises the fair value for services. Revenue is recognised as follows:

#### i) Premium income

Premiums on most life and health insurance contracts and life contingent annuity investment contracts are recognised as revenue when due from the policyholder.

Premiums on life and health reinsurance contracts underwritten by the Company are recognised based on receipts reported by the ceding company. This occurs when the timeliness and quality of information reported by the ceding company is not sufficient to otherwise record the revenue when due.

### ii) Commission income

Commission income on insurance contracts is recognised when earned and the amount is readily determinable. The recognition of profit commissions is also dependent on the loss experience underlying such reinsurance policies.

### iii) Service contracts

Revenue arising from the management of service contracts, pension administrative services and investment advisory and management offered by the Company is recognised in the accounting period in which the services are rendered. This revenue is included within commission and other income in the statement of income.

### P. Leases

Leases that do not transfer substantially all the risks and rewards of ownership are classified as operating leases. Payments made under operating leases, where the Company is the lessee are included within operating expenses in the statement of income.

#### Q. Share capital

Common shares are a classified as equity. Incremental costs directly attributable to the issue of common shares are recognised as deduction from equity.

### R. Dividend distribution

Dividend distribution to the Company's shareholder is recognised as a liability in the statement of financial position in the period in which the dividends are approved by the Company's Board of Directors.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

#### 3. NEW AND REVISED ACCOUNTING STANDARDS

### A. Amended International Financial Reporting Standards adopted in 2016

The Company has applied the following standards and amendments for its annual reporting period commencing 1 January 2016:

- i) Annual improvements to IFRSs 2012-2014
- ii) Disclosure initiatives, amendments to IAS 1 Presentation of Financial Statements

The adoption of these amendments did not have any significant impact on the current period or any prior period and is not likely to significantly affect future periods. The Company has not early adopted any other standard, interpretation or amendment that has been issued but is not yet effective.

# B. New and revised International Financial Reporting Standards to be adopted in 2017 or later

The standards and interpretations that are issued, but not yet effective, are disclosed below. The Company intends to adopt these standards when they become effective.

IFRS 15 – Revenue from Contracts with Customers ("IFRS 15") – IFRS 15 was issued in May 2014 and establishes principles about the nature, timing and uncertainty of revenue arising from contracts with customers. Under IFRS 15, revenue is recognised at an amount that reflects the consideration to which an entity expects to be entitled in exchange for transferring goods or services to a customer. Additional guidance was issued in April 2016. IFRS 15 is effective for annual periods beginning on or after 1 January 2018. Early adoption is permitted. IFRS 15 is to be applied retrospectively, or on a modified retrospective basis. Insurance and investment contracts are not in the scope of this standard. The Company is assessing the impact of this standard.

IFRS 9 - Financial Instruments ("IFRS 9") – In July 2014, the IASB issued the final version of this standard that replaces IAS 39 Financial Instruments: Recognition and Measurement and all previous versions of IFRS 9. IFRS 9 brings together all three aspects of the accounting for financial instruments project: classification and measurement, impairment and hedge accounting. The standard is effective for annual periods beginning on or after 1 January 2018, with early application permitted. Except for hedge accounting, retrospective application is required but providing comparative information is not compulsory. For hedge accounting, the requirements are generally applied prospectively, with some limited exceptions.

Financial asset classification is based on the cash flow characteristics and the business model in which an asset is held. The classification determines how a financial instrument is accounted for and measured. IFRS 9 also introduces an impairment model for financial instruments not measured at fair value through profit or loss that requires recognition of expected losses at initial recognition of a financial instrument and the recognition of full lifetime expected losses if certain criteria are met. In addition, a new model for hedge accounting was introduced to achieve better alignment with risk management activities.

In September 2016, the IASB issued amendments to IFRS 4, to allow insurance entities whose predominant activities are to issue contracts within the scope of IFRS 4, an optional temporary exemption from applying IFRS 9 until 2021 (the "deferral approach"). The Company is assessing the impact of the standard and whether the Company will qualify for the deferral approach. If qualification occurs and the Company elects the deferral approach permitted under the amendments, the Company will continue to apply IAS 39, the existing financial instrument standard until 2021.

IFRS 4 – Insurance Contracts ("IFRS 4") - In September 2016, the IASB issued amendments to IFRS 4 to address issues arising from the different effective dates of IFRS 9 and the upcoming new insurance contracts standard (IFRS 17). The amendments introduce two voluntary alternative options for entities issuing contracts within the scope of IFRS 4.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

- The deferral option enables eligible entities to defer the implementation date of IFRS 9 for annual periods beginning before 1 January 2021 at the latest. An entity may apply the temporary exemption from IFRS 9 if: (i) it has not previously applied any version of IFRS 9 before and (ii) its activities are predominantly connected with insurance on its annual reporting date that immediately precedes 1 April 2016. An entity can apply the temporary exemption from IFRS 9 for annual periods beginning on or after 1 January 2018.
- The overlay approach allows an entity applying IFRS 9 to reclassify between profit or loss and other
  comprehensive income an amount that results in the profit or loss at the end of the reporting period for
  the designated financial assets being the same as if an entity had applied IAS 39 to these designated
  financial assets. An entity may start applying the overlay approach when it applies IFRS 9 for the first
  time.

The Company is currently assessing the impact of the amendments and which approach will be required or selected.

IFRS 16 – Leases ("IFRS 16") – In January 2016, the IASB issued this standard which introduces new guidance for identifying leases as well as a new right-of-use accounting model for lessees, replacing the operating and finance lease accounting models that currently exist. The new accounting model will generally require all lessees to recognise lease assets and liabilities on the balance sheet, initially measured at present value of unavoidable lease payments for all leases with a maximum possible term of more than 12 months. In contrast to the significant changes for lessees, the new standard will retain many key aspects of the current lessor accounting model. The standard also requires more note disclosure for both lessees and lessors. The standard is effective 1 January 2019. The Company is evaluating the impact of the adoption of this standard.

IAS 7 – Statement of Cash flows ("IAS 7") – Amendments to this standard were issued in January 2016 and are effective for annual periods beginning after 1 January 2017, to be applied prospectively. These amendments require companies to provide information about changes in their financing liabilities. Adoption of these amendments is not expected to have a significant impact on the Company's Financial Statements.

Annual Improvements 2014–2016 Cycle - This was issued in December 2016 resulting in minor amendments to three standards and are effective for the Company starting 1 January 2017. While the Company is assessing the impact of these amendments, adoption of these amendments is not expected to have a significant impact on the Company's Financial Statements.

IAS 40 – Investment Property ("IAS 40") - Amendments to this standard were issued in December 2016 and clarify that an entity shall transfer property to, or from, investment property when there is evidence of a change in use. The amendments are effective starting 1 January 2018. The Company is assessing the impact of these amendments.

IFRIC 22 – Foreign Currency Transactions and Advance Consideration ("IFRIC 22") - IFRIC 22 was issued in December 2016 and is effective for annual periods beginning on or after 1 January 2018. IFRIC 22 addresses which foreign exchange rate to use to measure a foreign currency transaction when advance payments are made or received and non-monetary assets or liabilities are recognised prior to recognition of the underlying transaction. The foreign exchange rate on the day of the advance payment is used to measure the foreign currency transaction. The Company is assessing the impact of this IFRIC.

There are no other new or amended IFRS's or IFRIC interpretations that are not yet effective that would be applicable and expected to have a material impact on the Company.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

### 4. MERGER BETWEEN ENTITIES UNDER COMMON CONTROL

Effective 17 April 2015, the Company merged with an affiliated company, Bermuda International Reinsurance Services Limited ("BIRSL"), a Bermuda exempted company licensed as a class C insurer, and the Company was the surviving entity. BF&M Limited owned 100% of the common shares of both companies immediately prior to the merger and continues to own 100% of the common shares of the combined entity. Upon the merger, all 370,000 common shares issued and outstanding in BIRSL were cancelled with no repayment and the capital and contributed surplus of BIRSL was combined with the contributed surplus of the Company.

All of the business historically written in BIRSL was fronted by the Company and is predominately non Bermuda based risk. As the participation in this business has declined in recent years and the Company had previously expanded to insure risk outside of Bermuda, a strategic decision was made by management to combine the two entities.

#### 5. MANAGEMENT OF FINANCIAL AND INSURANCE RISK

### Risk management and objectives

The Company's primary objective in undertaking risk management activity is to manage risk exposures in line with risk appetite, minimising its exposure to unexpected financial loss and limiting the potential for deviation from anticipated outcomes. In this respect, a framework of limits and qualitative statements, aligned with the Company's risk appetite, is in place for material exposures. Key management recognises the critical importance of having efficient and effective risk management systems in place.

A significant part of the Company's business involves the acceptance and management of risk. The Company is exposed to insurance, market, credit, liquidity and operational risks and operates a formal risk management framework to ensure that all significant risks are identified and managed.

The Company seeks to manage its exposures to risk through control techniques which ensure that the residual risk exposures are within acceptable tolerances agreed by the Board of Directors. The Company has established a risk management function with terms of reference from the Board of Directors, its committees and the associated executive management committees. This is supplemented with an organisational structure with documented delegated authorities and responsibilities from the Board of Directors to executive management committees and senior managers. The key control techniques for the major categories of risk exposure are summarised in the following sections.

Risks are usually grouped by risk type: financial, including credit, liquidity and market, and insurance risk. Risks falling within these types may affect a number of key metrics including those relating to the balance sheet strength, liquidity and profit. The risk factors mentioned below should not be regarded as a complete and comprehensive statement of all potential risks and uncertainties.

Assets which relate to certain life insurance and investment contracts are managed for the account and risk of the Company's customers. They are segregated and managed to meet specific investment objectives of the policyholders. The assets back the insurance liabilities and the financial liabilities arising from these contracts. The fair value of the liabilities reflects the fair value of the assets.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

#### A. Financial risks

### i) Credit risk

Credit risk is the exposure that a counter-party to a financial instrument is unable to meet an obligation, thereby causing a financial loss to the Company. The Company faces credit risk on its financial assets. The following policies and procedures are in place to manage this risk:

- Holding a diversified investment portfolio that focuses on quality of investment. The portfolio is monitored and reviewed regularly by management's Investment Committee and by the Board of Director's Finance, Compensation, and Corporate Governance Committee;
- Investment guidelines are in place that require the purchase of only investment-grade assets and minimise undue concentration of assets in any single insurer, industry group, asset class or credit rating, unless required by local law or regulation;
- Investment guidelines specify collateral requirements for mortgages and loans and receivables which
  include the underlying property or other security; and
- Transacting business with well-established reinsurance companies with strong credit ratings.

## Maximum exposure to credit risk

The following table summarises the Company's maximum exposure to credit risk related to financial assets. The maximum credit exposure is the carrying value of the asset net of any allowances for losses.

	2016 \$	2015 \$
Cash and cash equivalents	45,179	47,372
Fixed and regulatory deposits	2,271	2,007
Fixed income securities	431,446	413,528
Mortgages and loans	62,879	68,746
Insurance receivables and other assets	19,753	18,380
Amounts due from affiliates	14,701	4,735
	576,229	554,768

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

### Concentration of credit risk

Concentrations of credit risk arise from exposures to a single debtor, a group of related debtors or groups of debtors that have similar credit risk characteristics in that they operate in the same geographic region or in similar industries.

The following table provides details of the carrying value of fixed income securities by industry sector and geographic distribution:

	2016 \$	2015 \$
Fixed income securities issued or guaranteed by:		
Financials	79,336	83,477
Government	20,463	22,500
U.S. Treasury and other agencies	140,851	114,278
Utilities and energy	77,226	79,490
Consumer staples and discretionary	45,742	52,357
Telecom	11,841	7,999
Computer technology products and services	15,008	17,236
Industrials	16,288	15,675
Other	24,691	20,516
Total fixed income securities	431,446	413,528
	2016 	2015 \$
United States	367,730	344,635
Canada	29,533	36,716
Northern Europe	14,976	25,507
Asia-Pacific	11,325	4,782
United Kingdom	6,945	-
Other	937	1,888
Total fixed income securities	431,446	413,528
The carrying value of mortgages and loans by geographic location is	shown in the following tal	ole:
	2016	2015
	<b>\$</b>	\$
Bermuda	62,879	68,746
Total mortgages and loans	62,879	68,746

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## Credit quality of financial assets

The credit quality of financial assets are assessed each quarter by reference to external credit ratings, if available, or review of historical and current conditions that existed at the statement of financial position date.

The following table summarises the carrying value of fixed income securities by external credit rating.

As at 31 December 2016

	AAA	AA	Α	BBB	BB and lower	Not rated	Total
	\$	\$	\$	\$	\$	\$	\$
Cash and cash equivalents	13,267	-	17,747	14,165	-	-	45,179
Regulatory deposits	-	-	2,271	-	-	-	2,271
Fixed income securities*	35,893	214,460	153,631	27,456	-	6	431,446
Total	49,160	214,461	173,649	41,621	-	6	478,896
As at 31 December 2015							
	AAA	AA	Α	BBB	BB and lower	Not rated	Total
	\$	\$	\$	\$	\$	\$	\$
Cash and cash equivalents	9,756	-	14,265	23,351	-	-	47,372
Regulatory deposits	-	-	2,007	-	-	-	2,007
Fixed income securities*	35,473	198,988	157,906	21,153	-	8	413,528
Total	45,229	198,988	174,178	44,504	-	8	462,907

<sup>\*</sup> Not rated fixed income securities relate to assets which are held by counterparties that are not rated by the rating agencies.

### Past due or credit impaired financial assets

Mortgages comprise first mortgages on real property situated in Bermuda and are registered under The Mortgage Registration Act 1976 and The Trustee Act 1975. Other loans are secured by a collateral assignment of life insurance policy proceeds and irrevocable beneficiary designation.

Mortgages and loans that are past due but not considered impaired are loans for which scheduled payments have not been received, but management has reasonable assurance of collection of the full amount of principal and interest due. Management exercises judgment in assessing a borrower's ability to meet current and future contractual interest and principal payments including assessing the current financial position of the borrower and the value of the collateral.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

The following table provides carrying amounts of the mortgages and loans that are considered past due or impaired:

	2016	2015	
	<b>&gt;</b>	<b>—</b>	
Not past due	45,300	56,064	
Past due less than 90 days	11,938	5,724	
Past due 90 to 180 days	1,463	494	
Past due 180 days or more	-	_	
Impaired (net of impairment provisions)	4,178	6,464	
Total mortgages and loans	62,879	68,746	

Interest accrued on the impaired mortgages amounted to \$4,050 as at 31 December 2016 (2015: \$3,513).

Significant judgment is applied by management in the determination of impairment including the timing and amount of future collections, costs expected to be incurred to collect or dispose of the collateral, and sale proceeds on any required disposal of collateral.

The reconciliation of the impairment and provision on mortgage and loans is as follows:

	2016 \$	2015 \$
At 1 January	17,341	12,190
Transfer to available for sale residential properties Sale of foreclosed mortgage loans Increase in impairment and provision allowance	(23) 1,933	(743) (721) 6,615
At 31 December	19,251	17,341

A significant estimate in the determination of impairment is the timing of future collections which is based on the expected timing of liquidating the underlying collateral. Market value fluctuations will impact the value of the collateral and can significantly impact the estimate of impairment. Management estimates that collection will occur within 12 months. An additional impairment of between \$221 and \$434 could be incurred if collection occurred within 18-24 months.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## ii) Liquidity risk

Liquidity risk is the risk that the Company will encounter difficulty in meeting obligations as they become due. The following policies and procedures are in place to manage this risk:

- Management maintains levels of cash and short-term deposits, which are sufficient to fulfill the Company's short-term obligations;
- Short-term cash flow needs are adequately met by operating cash flows and proceeds from mortgage and loan repayments;
- The Company closely manages operating liquidity through cash flow matching of assets and liabilities on its life insurance, annuities, and pensions business. Investments in various types of assets occur with a view to matching them to our liabilities of various durations;
- Investments are graded internally on a liquidity level (1 to 4) and the Company looks to maintain adequate levels in highly liquid (1 and 2) securities;
- The Company maintains appropriate dividend and capital policies to ensure movement of cash flow as needed:
- Arrangements with reinsurers are made to ensure that recoverables are received in a timely fashion in the event of a liquidity crisis.

The maturity profile of financial assets at 31 December 2016 is as follows:

	Within 1 year	2 to 3 years	4 to 5 years	Over 5 years	Total	Effective interest rate
	\$	\$	\$	\$	\$	ranges
Fixed income						
securities	43,702	92,097	148,830	146,817	431,446	0.24%-7.13%
Mortgages	9,071	5,516	7,032	37,691	59,310	5.25%-9.00%
Policyholder loans Insurance receivables	178	357	357	2,677	3,569	4.75%-8.25%
and other assets	19,753	-	-	-	19,753	
Total	72,704	97,970	156,219	187,185	514,078	
Percent of total	14.14%	19.06%	30.39%	36.41%	100%	

The maturity profile of financial assets at 31 December 2015 is as follows:

	Within 1 year	2 to 3 years	4 to 5 years	Over 5 years	Total	Effective interest rate
	\$	\$	\$	\$	\$	ranges
Fixed income						
securities	61,141	105,474	131,196	115,717	413,528	0.50% - 7.13%
Mortgages	8,365	4,915	6,981	44,870	65,131	5.25% - 9.00%
Policyholder loans Insurance receivables	181	362	362	2,710	3,615	4.75% - 8.25%
and other assets	18,380	-	-	-	18,380	
Total	88,067	110,751	138,539	163,297	500,654	
Percent of total	17.59%	22.12%	27.67%	32.62%	100%	

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

The maturity profiles of the Company's significant insurance and financial liabilities are summarised in the following tables. Maturity profiles for financial liabilities are disclosed according to contractual maturity dates. Maturity profiles for net insurance liabilities are based on expectations.

The maturity profile of liabilities at 31 December 2016 is as follows:

	Within 1 year	1-5 years	Over 5 years	Total
	\$	\$	\$	\$
Other liabilities	24,453	-	-	24,453
Amounts due to affiliates	16,057	-	-	16,057
Investment contract liabilities Insurance contract liabilities – net of	52,897	232,905	803	286,605
reinsurance	18,635	252	169,658	188,545
Total	112,042	233,157	170,461	515,660

The maturity profile of liabilities at 31 December 2015 is as follows:

	Within 1 year	1-5 years \$	Over 5 years	Total
Other liabilities	22,803	-	-	22,803
Amounts due to affiliates	11,756	-	-	11,756
Investment contract liabilities Insurance contract liabilities – net of	60,607	224,795	1,022	286,424
reinsurance	19,146	374	152,380	171,900
Total	114,312	225,169	153,402	492,883

#### iii) Market risk

Market risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate as a result of changes in market factors. Market risk comprises three types of risk: foreign exchange rates (currency risk), market interest rates (interest rate risk), and market prices (price risk).

#### Currency risk

Currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The Company has operations in several jurisdictions and revenue and expenses are denominated in several local currencies. The Company is not significantly exposed to foreign exchange risk because of the following:

- The majority of the Company's assets, liabilities, and earnings are denominated in Bermuda, Bahamian or United States dollars;
- The Bermuda, and Bahamian dollars are pegged to the United States dollar; and
- The Bermuda dollar is at par with the United States dollar.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

The Company regularly monitors currency translation fluctuations. Generally, the Company looks to match the currency of its local assets to the currency of the local liabilities they support or to the United States dollar as the currency of the liabilities is generally pegged to the United States dollar. This achieves the objective of mitigating risk of loss arising from movements in currency. Policies written in currencies that are not pegged to the United States dollar are not material and the Company considers the currency risk minimal.

#### Interest rate risk

Interest rate risk is price volatility produced by changes in the overall level of interest rates. Change in market interest rates can impact the reinvestment of matured investments, as the returns available on the new investment may be significantly different from the returns previously achieved. The Company manages these risks through:

- Asset allocation and diversification of the investment portfolio;
- Utilisation of a formal process for managing the matching of assets and liabilities;
- Investing in assets that are suitable for the products sold;
- Investing in fixed income assets that closely match the life liability product cash flows for products with fixed and highly predictable benefit payments; and
- Quantifying and reviewing regularly the risk associated with the mismatch in portfolio duration and cash flow.

The sensitivity analysis for interest rate risk illustrates how changes in the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates at the reporting date.

Investment contracts with fixed and guaranteed terms held to maturity are accounted for at amortised cost and their carrying amounts are not sensitive to changes in the level of interest rates.

In relation to financial assets, management monitors the sensitivity of reported interest rate movements by assessing the expected changes in the different portfolios due to parallel movements of 100 basis points in all yield curves.

The impact of interest rate risk for the Company's actuarial liabilities and the assets supporting those liabilities is included in Note 5B - Insurance Risk below. The Company also holds fixed income investments which support non-life insurance liabilities and surplus. If the base interest rates, as measured by the US Treasury yield curve, shifted parallel by 100 basis points higher/lower, the immediate impact to net income would have been \$1,131 (2015 - \$965) higher/lower. The interest rate sensitivity impact was calculated using the modified duration method.

#### Price risk

Price risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market prices (other than those arising from interest rate risk or currency risk), whether those changes are caused by factors specific to the individual financial instrument or its issuer, or factors affecting the market.

The Company's price risk exposure relates to financial assets and financial liabilities whose values will fluctuate as a result of changes in market prices, principally investment securities.

The Company's price risk policy requires it to manage such risks by setting and monitoring objectives and constraints on investments, diversification plans, limits on investments in each country, sector, and market.

A 5% increase/decrease in the value of the Company's equity portfolio would increase/decrease the Company's comprehensive income by \$662 (2015 - \$360). The price risk sensitivity impact was calculated by using the ending balances in equity at a 5% increase/decrease.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

#### B. Insurance risk

Insurance risk in the Company arises through its exposure to mortality and morbidity risks and exposure to worse than anticipated operating experience on factors such as persistency levels and management and administration expenses.

#### Management of life and health insurance risks

The Company has developed an insurance risk policy and guidelines on the practical application of this policy. Individual insurance risks are managed at a business unit level but are also monitored at the Company level.

The impact of insurance risk is monitored by the business units as part of the control cycle of business management. Exposure is monitored through the assessment of liabilities and the asset liability management framework process. At the Company level the overall exposure to insurance risk is measured through management reporting, stress testing, Minimum Continuing Capital and Surplus Requirement ("MCCSR"), and Bermuda Solvency Capital Requirement ("BSCR") analysis.

The Board of Directors considers the reinsurance coverage across the life and health businesses. It confirms that guidance and procedures are in place for each of the major components of insurance risk, and that the businesses mitigate against any insurance risk within the parameters for the overall Company risk appetite.

The Board of Directors has also developed guidance for business units on management of a number of areas of insurance risk to ensure best practice is shared throughout the Company and common standards are adopted.

The individual life and health insurance risks are managed as follows:

- Mortality and morbidity risks are mitigated by use of reinsurance. The Company selects reinsurers, from
  those approved by the Company, based on local factors, but assesses the overall programme to
  manage Company-wide risk exposures and monitor that the aggregation of risk ceded to individual
  reinsurers is within the Company's appetite for credit risk.
- Longevity risk: The Company monitors the exposure to this risk and the capital implications to manage
  the impact on the Company-wide exposure and the capital funding that the Company may require as a
  consequence.
- Persistency risk: Where possible the financial impact of lapses is reduced through appropriate product design. The Company also implements specific initiatives to improve retention of policies which may otherwise lapse.
- Product design and pricing risk arises from poorly designed or inadequately priced products and can lead to both financial loss for and reputational damage to the Company. Guidelines have been developed to support the Company through the complete cycle of the product development process, financial analysis and pricing.
- Expense risk is primarily managed by the Company through the assessment of profitability and frequent monitoring of expense levels.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

#### Concentration risk

The following table shows life and health insurance liabilities by geographic area:

	2016		2015			
	Gross \$	Reinsurance \$	Net \$	Gross \$	Reinsurance \$	Net \$
Bermuda	180,027	2,975	183,002	164,723	1,868	166,591
Bahamas	2,748	655	3,403	2,692	427	3,119
Other Caribbean & Latin America	2,140	-	2,140	2,190	-	2,190
Total	184,915	3,630	188,545	169,605	2,295	171,900

### Assumptions and methodologies

The nature of life and health insurance business is such that a number of assumptions are made in compiling these financial statements. Assumptions are made about investment returns, mortality rates, lapse rates, morbidity, expenses, and premium payment patterns in connection with the in-force policies for each business unit. Assumptions are best estimates based on historic and expected experience of the business. The estimate of the ultimate liability arising from life and health insurance contracts is a significant accounting estimate.

The valuation of liabilities was performed using CALM. In some instances approximations are used due to the nature of liabilities. The approximations are not expected to change the results materially. Best estimate assumptions were generally based on industry and company experience. Provisions for adverse deviations ("PfADs") were determined by applying appropriate margins for adverse deviations ("MfADs") to the best estimate assumptions. A variety of factors are considered in the Company's valuation techniques, such as yield curve, credit spreads, and default assumptions, which have market observable inputs.

#### a) Mortality

Mortality refers to the rates at which death is expected to occur for defined classes of insured. Management reviews the Company's mortality experience annually, however, the Company's portfolio of business is too small to form the basis for any internally produced mortality assumption. The Company's mortality assumption is based on industry experience. The assumed mortality rates for life insurance contracts do not reflect any future improvement. For life contingent annuities, the assumed mortality assumption includes future mortality improvement, the effect of which is to increase insurance contract liabilities, based on prescribed mortality improvement rates promulgated by the ASB.

For life products, a higher mortality would be financially adverse to the Company. For annuity products, a lower mortality would be financially adverse to the Company.

### b) Morbidity

Morbidity refers to the likelihood that an insured will contract or develop any number of illnesses. The Company's portfolio of group and individual health business is large enough for an internal analysis of lag and is used as the basis for setting annually renewable premiums. A very small block of individual disability business assumes industry standard morbidity rates when setting assumptions.

Morbidity refers to both the rates of accident or sickness and the rates of recovery therefrom. An increase in medical claim rates net of reinsurance would increase the actuarial liabilities.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

### c) Investment Returns

With the exception of assets backing certain participating liabilities, assets are not formally segmented by line of business or product line. Invested assets are notionally segmented to support the actuarial liabilities valued under CALM. For each segment the future cash flows from insurance and investment contracts and the assets supporting them are projected under a number of interest rate scenarios some of which are prescribed for CALM under Canadian Actuarial Standards of Practice or an approximation of CALM. Both current assets and future reinvestment consider credit / asset default risk (assumed to earn a credit spread (including appropriate default provision), above the risk-free Treasury yield based on current and future expected market conditions). U.S. Treasury and Agency bonds were assigned no risk default charge. Other asset defaults were based on industry experience.

### d) Expenses

Actuarial liabilities provide for future administrative policy-related expenses. These include the costs of premium collection, claims adjudication and processing, related consulting services, preparation and mailing of policy statements and related indirect expenses and overheads. A unit expense study is performed annually to determine an appropriate estimate of future expenses by liability type. An inflation assumption is incorporated in the estimate of future expenses consistent with the interest rate scenarios projected under CALM.

#### e) Lapse

The best estimate lapse assumption is based on a combination of industry and the Company's lapse experience and pricing assumptions for newer products.

Policyholders may allow their policies to terminate prior to the end of the contractual period by choosing not to continue to pay premiums or by exercising one of the non-forfeiture options contained in the contract. Assumptions for termination experience on life insurance are based on industry and the Company's experience. Termination rates vary by plan, policy duration and method of premium payment. For universal life policies, it is also necessary to set assumptions about premium cessation occurring prior to termination of the policy.

## f) Premium payment patterns

Universal life liabilities are sensitive to the amount of discretionary premium received from the policyholders. A premium persistency assumption is made for all universal life products and can vary by plan, age and policy duration.

### g) Policyholder dividends

Future policyholder dividends are included in the determination of actuarial liabilities for participating policies, with the assumption that future policyholder dividends will change to reflect the experience of the respective participating accounts consistent with the participating policyholder dividend policies.

### Sensitivity test analysis

There is considerable judgment required by management in making assumptions in the measurement of insurance and investment contract liabilities. Application of different assumptions may result in different measure of the liabilities. Therefore, sensitivity testing is widely used to measure the capital required and volatility in earnings due to exposure to life and health insurance risks. This assessment is taken at both business unit level and at Company level where the impact of aggregation of similar risks can be measured. This enables the Company to determine whether action is required to reduce risk, or whether that risk is within the overall risk appetite.

Notes to financial statements

## For the year ended 31 December 2016

(in thousands of Bermuda dollars)

The Company uses a number of sensitivity test-based risk management tools to understand the volatility of earnings, the volatility of its capital requirements, and to manage its capital more efficiently. Sensitivities to economic and operating experience are regularly produced on all of the Company's financial performance measurements to inform the Company's decision making and planning processes, and as part of the framework for identifying and quantifying the risks to which each of its business units, and the Company as a whole, are exposed.

The following provides information about management's best estimate of the impact of changes in assumptions used to determine the Company's life and health insurance contract liabilities.

		Increase in liability	
		2016	2015
	Change in	\$	\$
	assumption		
Mortality rate – life products	+1%	103	96
Mortality rate – annuity products	-1%	334	287
Morbidity - medical claims	+1%	787	751
Expenses	+10%	1,534	1,452
Termination rate	+10%	1,255	1,017

#### Investment returns

Assets are notionally segmented to correspond to the different liability categories of the Company. For each segment, the projected current asset and liability cash flows are used in CALM under several interest rate scenarios to determine the actuarial liabilities. Asset cash flows are reduced to provide for asset default losses.

Interest rate risk associated with this assumption is measured by determining the effect on the present value of the projected net asset and liability cash flows of the Company of an immediate 1% increase or a 1% decrease in the level of interest rates. These interest rate changes will impact the projected cash flows.

The effect of an immediate 1% increase in interest rates would be to decrease the present value of these net projected cash flows by approximately \$1,630 (2015 - \$2,343). The effect of an immediate 1% decrease in interest rates would be to increase the present value of these net projected cash flows by approximately \$1,630 (2015 - \$2,343).

### C. Capital management and regulatory compliance

The Company's policy is to maintain a strong capital base. The Company manages its capital to ensure its continued ability to provide an adequate return to the shareholder, exceed insurance regulatory capital requirements, provide flexibility to take advantage of growth opportunities, maintain a strong credit rating, and to support the risks associated with the business of the Company. The Company's capital base is defined as Shareholder's Equity as disclosed on the statement of financial position.

The Bermuda Monetary Authority ("BMA") is the regulator of the Company. Under the laws and regulations of Bermuda, the Company must maintain a minimum amount of statutory capital and surplus based on the enhanced capital requirement. As at 31 December 2016, the Company exceeded the minimum requirement.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

Management monitors the adequacy of the Company's capital from the perspective of the Bermuda Insurance Act and Companies Act as well as the regulatory requirements of the other jurisdictions in which the Company operates. The Company's practice is to maintain its capitalisation at a level that will exceed the relevant minimum regulatory capital requirements. In addition, while not a regulatory requirement, the Company follows the capital adequacy measurement established by the Office of the Superintendent of Financial Institutions in Canada known as the Minimum Continuing Capital and Surplus Requirements ("MCCSR"). The Company's investment policies emphasise the preservation of capital and the maintenance of a diversified investment portfolio, which together serve to minimise the risk that investment activities pose to the Company's capital.

In order to maintain or adjust the capital structure, the Company may adjust the amount of dividends paid to the shareholder or issue new shares.

Under The Insurance Act 1978 (Bermuda), amendments thereto and the Insurance Account Rules 2016 ("the Act"), the Company is required annually to prepare and file statutory financial statements and a statutory financial return. The BSCR is the prescribed form of capital and solvency return in Bermuda. The BSCR includes a standardised model for assessing the minimum capital required to be held by a company based on a measure of risk associated with an insurance company's assets, liabilities, premiums and catastrophe risk exposure. The BMA requires all Groups and insurers to maintain their minimum statutory capital and surplus at a level which is 120% of the amount calculated in accordance with the BSCR.

The Act also requires the Company to meet minimum liquidity ratios whereby defined relevant assets must exceed 75% of defined relevant liabilities.

The Act limits the maximum amount of annual dividends and distributions that may be paid by the Company. Before reducing by 15% or more its total statutory capital, as set out in the prior year's financial statements, these insurance companies must request the approval of the BMA. In addition, The Bermuda Companies Act (1981) limits the Company's ability to pay dividends and distributions to shareholders if there are reasonable grounds for believing that the Company would be unable to pay its liabilities as they become due or if the realisable value of its assets would be less than the aggregate of its liabilities, issued share capital and share premium accounts.

### 6. CASH AND CASH EQUIVALENTS

	2016 \$	2015 
Cash at bank and in hand Short-term bank deposits	31,644 13,535	36,888 10,484
Total	45,179	47,372

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

### 7. REGULATORY DEPOSITS

		2016	2015
		\$	\$
Regulatory deposits	<u></u>	2,271	2,007

Regulatory deposits represent fixed amounts placed on deposit with banks to satisfy licensing criteria of the Insurance Commission of the Bahamas. These deposits cannot be removed nor the amounts reduced without the prior written consent of the relevant regulator.

### 8. INVESTMENTS

### A. Carrying amount and fair value of investments

Investments comprise:

2016		2015	
Carrying amount \$	Fair value \$	Carrying amount \$	Fair value \$
431,446	431,446	413,528	413,528
13,243	13,243	7,198	7,198
59,310	58,928	65,131	64,595
3,569	3,569	3,615	3,615
507,568	507,186	489,472	488,936
•	,	•	•
954	954	1,500	1,500
508,522	508,140	490,972	490,436
	Carrying amount \$  431,446 13,243 59,310 3,569 507,568	Carrying amount \$ \$       Fair value \$ \$         431,446 13,243 13,243       431,446 13,243         59,310 58,928 3,569 3,569 507,568 507,186       954 954	Carrying amount \$ value \$ \$ \$         Fair value amount \$ \$ \$         Carrying amount \$ \$ \$           431,446

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## B. Investment income (loss)

,		
	2016	2015
	<b>\$</b>	\$
Interest income		
Fixed income securities – at FVTPL	8,793	8,456
Mortgages and loans	4,116	4,241
Bank deposits and policyholder loans	264	249
Due from affiliate loans	42	38
	13,215	12,984
Dividend income		
Equities – at FVTPL	244	136
·	244	136
Net realised gains (losses) on sale of investments		
Equities – at FVTPL	(31)	164
Fixed income securities – at FVTPL	653	3,707
	622	3,871
Change in fair value arising from		
Fixed income securities	(3,684)	(11,127)
Equities	511	(418)
·	(3,173)	(11,545)
Impairments and deductions		
Less: Impairment provision on mortgages and loans	(1,942)	(6,615)
Less: Allocation to contracts for the account and risk of customers	(2,259)	(2,502)
Less. Anocation to contracts for the account and fisk of customers	(4,201)	(9,117)
Total		
Total	6,707	(3,671)

#### 9. FAIR VALUE MEASUREMENT

#### A. Fair value methodologies and assumptions

Management has assessed that the carrying values of cash and cash equivalents, fixed deposits, regulatory deposits, and restricted cash approximate their fair values.

The fair value of fixed income securities which are carried at FVTPL is determined using quoted prices in active markets for identical or similar securities. When quoted prices in active markets are not available, fair value is determined using market standard valuation methodologies, which include discounted cash flow analysis, consensus pricing from various broker dealers that are typically the market makers, or other similar techniques. The assumptions and valuation inputs in applying these market standard valuation methodologies are determined primarily using observable market inputs, which include, but are not limited to, benchmark yields, reported trades of identical or similar instruments, broker-dealer quotes, issuer spreads, bid prices, and reference data including market research publications. In limited circumstances, non-binding broker quotes are used.

The fair value of equity securities is determined using quoted prices in active markets for identical securities or similar securities. When quoted prices in active markets are not available, fair value is determined using equity valuation models, which include discounted cash flow analysis and other techniques that involve benchmark comparison. Valuation inputs primarily include projected future operating cash flows and earnings, dividends, market discount rates, and earnings multiples of comparable companies.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

For disclosure purposes, the fair value for fixed income securities classified as either held to maturity or loans and receivables, and mortgages and loans classified as loans and receivables, is determined by discounting the expected future cash flows using a current market interest rate applicable to financial instruments with a similar yield, credit quality and maturity characteristics. Valuation inputs typically include benchmark yields and risk-adjusted spreads from current lending activities or loan issuances. For collateralised mortgages, fair value reflects the cash flows that may result from foreclosure less costs for obtaining and selling the collateral.

Fair values for investment properties and residential properties held for sale are assessed annually and reviewed quarterly for material changes. The fair value is assessed using the most recently available reports from qualified external appraisal services. These properties are appraised externally at least once every three years. The Bermuda properties were externally valued as at 31 December 2014. Values are estimated using 1) the income approach to estimate the present value of discounted projected future cash flows using current rental values, assessed rental values or market rental values at a market discount rate; or 2) determined having regard to recent market transactions for similar properties in similar locations or where such information is not readily available, other valuation techniques such as the income capitalisation model are used. The methodologies and inputs used in these models are in accordance with real estate industry valuation standards. Valuation inputs include estimated rental value, rental growth rates, vacancy rates, discount rates, future operating expenses and terminal growth rates.

The fair value of investments for accounts of segregated fund holders is determined using quoted prices in active markets or independent valuation information provided by investment managers. The fair value of direct investments within investments for accounts of segregated fund holders, such as short-term securities and government and corporate debt securities, is determined according to valuation methodologies and inputs described above in the respective asset type sections.

The methodologies and assumptions for determining the fair values of investment contract liabilities are included in Note 2K.

#### B. Fair value hierarchy

The Company categorises its fair value measurements according to a three-level hierarchy. The hierarchy prioritises the inputs used by the Company's valuation techniques. A level is assigned to each fair value measurement based on the lowest level input significant to fair value measurement in its entirety.

The three levels of the fair value hierarchy are defined as follows:

#### i) Level 1

Fair value is based on quoted market prices for identical assets and liabilities in an active market at the statement of financial position date. A market is regarded as active if quoted prices are readily and regularly available from an exchange, dealer, broker, industry group, pricing services, or regulatory agency and those prices represent actual and regularly occurring market transactions on an arm's length basis. The quoted market price used for financial assets held by the Company is the current bid price.

#### ii) Level 2

Fair value inputs for Level 2 are inputs, other than quoted prices included within Level 1, that are observable for the asset or liability either directly or indirectly. If all significant inputs required to fair value an instrument are observable, the instrument is included in Level 2. These inputs include the following:

- Quoted prices for similar assets and liabilities in an active market
- Quoted prices for identical or similar assets in a market that is not active, the prices are not current, or price quotations vary substantially over time or for which little information is released publically.
- Inputs other than quoted prices that are observable for the asset or liability such as interest rates and yield curves.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## iii) Level 3

If one or more of the significant inputs is not based on observable market data, the financial assets are included in Level 3. Where estimates are used, these are based on a combination of independent third party evidence and internally developed models using market observable data where possible. A transfer from level 2 to level 3 would occur primarily due to decreased observability of inputs in valuation methodology. Conversely, transfers out of Level 3 would primarily occur due to increased observability of inputs.

#### C. Assets and liabilities measured at fair value

The following table presents the Company's assets and liabilities measured at fair value in the statement of financial position, categorised by level under the fair value hierarchy as at 31 December 2016:

	Level 1	Level 2	Level 3	Total
Assets	\$	\$	\$	\$
Cash and cash equivalents	45,179	-	-	45,179
Regulatory deposits	2,271	-	-	2,271
Financial assets at FVTPL				
Fixed income securities	141,578	289,868	-	431,446
Equities	12,659	584	-	13,243
Available for sale financial assets Residential properties Segregated funds assets	- 531,837	- 154,101	954 -	954 685,938
Total assets	733,524	444,553	954	1,179,031
Liabilities				
Investment contract liabilities	-	286,605	-	286,605
Segregated funds liabilities		685,938	-	685,938
Total liabilities	-	972,543	-	972,543

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

The following table presents the Company's assets and liabilities measured at fair value in the statement of financial position, categorised by level under the fair value hierarchy as at 31 December 2015:

	Level 1	Level 2	Level 3	Total
Assets	\$	\$	\$	\$
Cash and cash equivalents	47,372	-	-	47,372
Regulatory deposits	2,007	-	-	2,007
Financial assets at FVTPL				
Fixed income securities	113,206	300,322	-	413,528
Equities	6,775	423	-	7,198
Available for sale financial assets Residential properties	-	-	1,500	1,500
Segregated funds assets	479,216	151,843	-	631,059
Total assets	648,576	452,588	1,500	1,102,664
Liabilities				
Investment contract liabilities	-	286,424	-	286,424
Segregated funds liabilities		631,059	-	631,059
Total liabilities		917,483	-	917,483

During the current and prior year there were no transfers between Levels 1, 2 and 3.

The following table presents the change in Level 3 instruments (Residential properties held for sale) for the year ended 31 December 2016:

	i otai \$
Opening balance	1,500
Sales	(568)
Gains or losses recognised in profit or (loss)	22
Total	954

The following table presents the change in Level 3 instruments (Residential properties held for sale) for the year ended 31 December 2015:

	Total
	<u> </u>
Opening balance	1,530
Transfers into Level 3	568
Sales	(555)
Gains or losses recognised in profit or (loss)	(43)
Total	1,500

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

Residential properties are assets carried at fair value on a recurring basis that are categorised as level 3. Significant unobservable inputs include sale proceeds, costs to sell and timing of sale. A decrease in expected sale proceeds would result in a decrease in fair value. A decrease in either costs to sell or time to sale would result in an increase in fair value.

#### D. Assets and liabilities not measured at fair value

For assets and liabilities not measured at fair value in the statement of financial position, the following table discloses fair value information categorised by level in the preceding hierarchy as at 31 December 2016:

	Level 1	Level 2	Level 3	Total
Assets	\$	\$	\$	\$
Loans and receivable financial assets				
Mortgages	-	-	58,928	58,928
Policyholder loans		-	3,569	3,569
Total assets	-	-	62,497	62,497

For assets and liabilities not measured at fair value in the statement of financial position, the following table discloses fair value information categorised by level in the preceding hierarchy as at 31 December 2015:

	Level 1	Level 2	Level 3	Total
Assets	\$	\$	\$	\$
Loans and receivable financial assets				_
Mortgages	-	-	64,595	64,595
Policyholder loans		-	3,615	3,615
Total assets	_	-	68,210	68,210

Mortgage loans – The fair values for mortgage loans on real estate are estimated on a monthly basis using discounted cash flow analyses and rates currently being offered in the marketplace.

Policyholder and other loans – The fair value of policy and other loans is reflected as being equal to the carrying value of the loans.

## 10. INSURANCE RECEIVABLES AND OTHER ASSETS

	2016 \$	2015 \$
Insurance receivables	9,451	8,311
Accounts receivable Investment income due and accrued	3,266 7,036	3,527
investment income due and accided	7,036	6,542
Total	19,753	18,380

Notes to financial statements

# For the year ended 31 December 2016 (in thousands of Bermuda dollars)

# 11. PROPERTY AND EQUIPMENT

	Furniture, equipment and leasehold improvements \$	Computer hardware \$	Total \$
At 1 January 2015	<del>_</del>	<b>-</b>	<u> </u>
Cost	891	1,961	2,852
Accumulated amortisation	(671)	(1,702)	(2,373)
Net book value	220	259	479
Year ended 31 December 2015			
Additions	19	93	112
Disposals	(549)	(1,561)	(2,110)
Disposals – accumulated amortisation	549	1,561	2,110
Amortisation charge	(42)	(125)	(167)
Closing net book value	197	227	424
At 31 December 2015			
Cost	361	493	854
Accumulated amortisation	(164)	(266)	(430)
Net book value	197	227	424
Year ended 31 December 2016			
Additions	78	38	116
Disposals	(33)	(1)	(34)
Disposals – accumulated amortisation	33	1	34
Amortisation charge	(39)	(117)	(156)
Closing net book value	236	148	384
At 31 December 2016			
Cost	406	530	936
Accumulated amortisation	(170)	(382)	(552)
Net book value	236	148	384

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## 12. INTANGIBLE ASSETS

The carrying amounts of intangible assets are as follows:

	Finite life		
	Customer lists \$	Software development costs \$	Total \$
At 1 January 2015 Cost Accumulated amortisation	5,795 (5,667)	16,665 (4,161)	22,460 (9,828)
Net book value	128	12,504	12,632
Year ended 31 December 2015 Additions Disposals Disposals – accumulated amortisation Amortisation Closing net book value	(5,795) 5,795 (128)	3,060 (237) 237 (1,530) <b>14,034</b>	3,060 (6,032) 6,032 (1,658) 14,034
At 31 December 2015 Cost Accumulated amortisation Net book value		19,488 (5,454) <b>14,034</b>	19,488 (5,454) <b>14,034</b>
Year ended 31 December 2016 Additions Amortisation Closing net book value	- - -	3,052 (1,678) <b>15,408</b>	3,052 (1,678) <b>15,408</b>
At 31 December 2016 Cost Accumulated amortisation		22,540 (7,132)	22,540 (7,132)
Net book value		15,408	15,408

## Software development costs

The Company is engaged in significant development of its new core information systems. Costs associated with the development of the system are deferred, to the extent that the cost satisfies the criteria under *IAS 38 – Intangible assets*, until such time that management determines that a component is available for use in the manner expected and then it is amortised over its useful life. Annually, the Company reviews its software development costs for evidence of impairment.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## 13. SEGREGATED FUNDS

The Company's segregated funds net assets were comprised entirely of mutual funds for both the 2016 and 2015 years.

## Segregated funds - statement of changes in net assets

	2016 \$	2015 \$
Segregated funds assets – beginning of year	631,059	628,874
Additions: Pension contributions	104,144	90,578
Life insurance	-	16
Net realised and unrealised gains/(losses)	28,348	(8,573)
Total additions	132,492	82,021
Deductions		
Payments to policyholders and their beneficiaries	(71,058)	(73,329)
Management fees	(6,555)	(6,507)
Total deductions	(77,613)	(79,836)
Net additions to segregated funds	54,879	2,185
Segregated funds assets – end of year	685,938	631,059
14. OTHER LIABILITIES		
	2016	2015
These include:	\$	\$_
Insurance balances payable	5,394	5,905
Payables and accrued expenses	14,231	11,869
Policyholder dividends payable	4,828	5,029
Total	24,453	22,803

Insurance balances payable include amounts payable to reinsurers and brokers.

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

#### 15. REINSURANCE LIABILITIES

Reinsurance liabilities are comprised of the following:

	2016 \$	2015 \$
Life and health insurance contracts: Participating	<u></u>	<u> </u>
Individual life Non-participating	1,818	1,613
Individual life	3,830	2,961
Group life Health and accident	(2,021)	(2,280)
Total Reinsurance liabilities	3,630	2,295

#### 16. RETIREMENT BENEFIT OBLIGATION

Through BF&M, the Company sponsors two pension plans and a post retirement medical plan for its Bermuda employees. The Company sponsors a percentage of the BF&M plan and the allocation is based on an average headcount of employees.

#### A. Defined contribution plan

The Company has established defined contribution pension plans for eligible qualifying employees. Contributions by the Company to these defined contribution plans are subject to certain vesting requirements and are generally a set percentage of an employee's annual income and matched against employee contributions. The cost of the defined contribution pension plans are not reflected in the tables below. An expense of \$342 (2015 - \$337) equating to the service cost for the year for these employees was reported during the year.

#### B. Post-retirement medical plan

The Company also sponsors a post-retirement medical benefit plan for its Bermuda employees. The main benefit provided is for health care. Prior to 1 January 2012, the Company paid 50% of the total premiums paid to the insurer and the pensioner paid the balance. Retirees after 31 December 2011 pay 100% of their premiums if they want to continue to be covered by the plan. This change reduced the number of current employees who will be prospectively entitled to benefits.

Cash contributions to the plan by the Company during 2016 were \$138 (2015 - \$138).

#### C. Defined benefit pension plan

Through BF&M, the Company sponsors a defined benefit pension plan for eligible employees. These plans are closed to new entrants for employees hired after 1999. The defined benefit plan is administered by a separate Fund that is legally separated from the Company. Responsibility for governance of the plans including investment and contributions lies jointly with the Company and the Trustees of the pension fund.

Under the plans, the pension amount at retirement is based on an employee's final average earnings. The scheme is generally funded through payments determined by periodic actuarial calculations. Cash contributions to the plan by the Company during 2016 were \$410 (2015 – \$198).

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

The Company measures the fair value of assets and the accrued benefit obligations as of 31 December. The most recent actuarial valuation of the plans assets and the present value of the defined benefit obligation was carried out as of 31 December 2016.

The following table provides summaries of the defined benefit pension and post-retirement medical plans' estimated financial position at 31 December 2016 and 2015:

			2016 \$	2015 \$
Defined benefit pension plan Medical benefit plan			(1,033) (1,262)	(1,516) (1,422)
TOTAL Retirement benefit obligations			(2,295)	(2,938)
	Defined benefit p	ension plans	Medical ben	efit plans
Change in defined benefit obligation	2016 \$	2015 \$	2016 \$	2015 \$
Balance - beginning of year	13,441	13,973	1,422	1,478
Current service cost Interest expense Actuarial gains and losses due to changes in:	202 599	208 578	- 64	- 66
Experience Economic assumption changes Changes in asset ceiling, excluding amounts included in	60 441	(93) (448)	(86)	- 16
interest expense Benefits paid	253 (789)	- (777)	(138)	(138)
Total defined benefit obligation - End of year	14,207	13,441	1,262	1,422
	Defined benefit pension plans		Medical benefit plans	
Change in plan assets	2016 \$	2015 \$	2016 \$	2015 \$
Fair value - beginning of year	11,925	12,408	-	-
Interest income Employer contributions Plan expenses Benefits paid	1,652 410 (24) (789)	116 198 (20) (777)	- 138 - (138)	- 138 - (138)
Total fair value of plan assets - End of year	13,174	11,925	- (130)	(130)
Net defined benefit (liability) recognised in statement of financial position	(1,033)	(1,516)	(1,262)	(1,422)

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

Amounts recognised in respect of these defined benefit plans:

	Defined benefit per	nsion plan	Medical bene	fit plans
Net benefit cost recognised in Statement of Income	2016 \$	2015 \$	2016 \$	2015 \$
Current service cost	202	208	-	-
Interest expense	599	578	64	66
Expected return on plan assets	(554)	(531)	-	-
Administrative expense	24	20	-	
Total net benefit cost	271	275	64	66
Remeasurement effects recognised in OCI	Defined benefit po 2016 \$	ension plan 2015 \$	Medical be 2016 \$	nefit plans 2015 \$
Determine the control of the control				
Return on plan assets (excluding amounts included in interest income)  Actuarial gains and losses due to change in:	(1,099)	415	-	-
Experience	441	(448)	-	_
Financial assumptions Adjustments for restrictions on the defined benefit	60	(93)	(86)	16
asset	253	-	-	-
Components of defined benefits cost recorded in OCI	(345)	(126)	(86)	16
Total remeasurement effect	(74)	149	(22)	82

The service cost and the net-interest expense for the year is included in pension costs in operating expenses in the statement of income. The re-measurement on the net defined benefit liability is included in the statement of comprehensive income as part of other comprehensive income.

#### **Asset allocation**

The asset allocation and fair values of the plan assets by major category for the defined benefit pension plan is as follows:

	2016			2015		
	Quoted	Unquoted	Total	Quoted	Unquoted	Total
	\$	\$	\$	\$	\$	\$
Equity instruments	2,272	-	2,272	1,690	-	1,690
Fixed income instruments	9,338	-	9,338	8,935	-	8,935
Real estate	-	1,095	1,095	-	1,126	1,126
Other	-	469	469	-	174	174
TOTAL Asset allocation	11,610	1,564	13,174	10,625	1,300	11,925

Pension and medical plan assets include the Company's parent ordinary shares with a fair value of \$1,148 (2015 - \$943).

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

#### **Risk**

Through its defined benefit pension plans and post-employment medical plans, the Company is exposed to a number of risks, the most significant are detailed below:

Changes in fixed income securities yields – a decrease in corporate fixed income securities yields will increase plan liabilities, although this will be partially offset by an increase in the value of the plans' fixed income securities holdings.

Life expectancy – The majority of the plans' obligations are to provide benefits for the life of the member, so increases in life expectancy will result in an increase in the plans' liabilities. This is particularly significant where inflationary increases result in higher sensitivity to changes in life expectancy.

Inflation risk – The pension obligation is linked to inflation, and higher inflation will lead to higher liabilities. The majority of the plans' assets are either unaffected by (fixed interest bonds) or loosely correlated with equities inflation, meaning that an increase in inflation will also increase the deficit of the plan.

As the Company's defined benefit plans are closed to new entrants, the volatility associated with future service accruals for active members has been limited and will decline over time.

#### **Actuarial assumptions**

The significant weighted-average assumptions as of 31 December 2016 and 2015 are:

	Defined benefit pension plan		Medical benefit plan	
	2016	2015	2016	2015
	%	%	%	%
Benefit cost during the year:				
Discount rate	3.50	3.75	3.25	3.25
Rate of compensation increase	2.00	2.25	-	-
Medical claims inflation*	-	-	6.50	6.50
Defined benefit obligation at end of year:				
Discount rate	3.50	3.50	3.25	3.25
Compensation increase	3.00	3.00	-	-
Medical claims inflation*	-	-	6.50	6.50

<sup>\*</sup>The medical claims inflation trend used to measure the cost and obligation was 6.5% per annum until 2018 and 4.5% thereafter

The expected return on assets assumption for pension cost purposes is the weighted average of expected long-term asset return assumptions by asset class, and is selected from a range of possible future asset returns.

Assumptions regarding future mortality are set based on actuarial advice in accordance with published statistics and experience in each territory. As the defined benefit plans are closed to new entrants, these assumptions translate into an average life expectancy in years for a pensioner who retired at age 65:

	Defined benefit	pension plan	Medical benefit plans		
	2016	2016 2015 2016	2016	2015	
	in years	in years	in years	in years	
Male	20.07	19.99	20.07	19.99	
Female	22.30	22.25	22.30	22.25	

Notes to financial statements

## For the year ended 31 December 2016

(in thousands of Bermuda dollars)

Significant judgment is used in setting the assumptions used to calculate the Company's retirement benefit obligations. The sensitivity analyses have been determined based on reasonably possible changes of the significant assumptions occurring at the end of the reporting period. Changes in trend rate assumptions by 1% either direction will change the retirement benefit obligation as follows:

	Defined benefit	Medical Benefit Plans		
	Increase 2016 \$	Decrease 2016 \$	Increase 2016 \$	Decrease 2016 \$
Discount rate	1,531	1.872	108	127
Salary increase	89	84	117	103
Average life expectancy	421	620	75	72

The above sensitivity analyses are based on a change in an assumption while holding all other assumptions constant. In practice this is unlikely to occur, and change in some of the assumptions may be correlated. When calculating the sensitivity of the defined benefit obligation to significant actuarial assumptions the same method (present value of the defined benefit obligation calculated with the projected unit credit method at the end of the reporting period) has been applied as when calculating the pension liability recognised within the statement of financial position. The methods and types of assumptions used in preparing the sensitivity analysis did not change compared to the previous period.

For the funded plans, the Company ensures that the investment positions are managed with an asset-liability matching (ALM) framework that has been developed to achieve long-term investments that are in line with the obligations under the pension schemes. The Company's ALM objective is to match assets to the pensions obligation by investing in long-term fixed interest securities with maturities that match the benefits payments as they fall due. The Company actively monitors how the duration and the expected yield of the investments are matching the expected cash outflows arising from the pension obligations. The Company has not changed the process used to manage its risk from previous periods. Investments are well diversified, such that failure of any single investment would not have a material impact on the overall level of assets.

The funding requirements are based on a local actuarial measurement framework. In this framework the discount rate is set on a risk free rate. Furthermore, premiums are determined on a current salary base. Additional liabilities stemming from past service due to salary increase should be paid immediately to the fund.

Expected contributions to post-employment benefit plans for the year ending 2016 are \$532.

The weighted average duration of the defined benefit obligation is 12.16 years.

The weighted average duration of the medical obligation is 9.31 years.

## **Future benefit payments**

The following table sets forth the expected future benefit payments of the defined pension and medical plans.

	2017	2018	2019	2020	2021-2032
	\$	\$	\$	\$	\$
Defined benefit pension	996,171	1,021,487	1,126,422	1,144,739	14,341,781
Medical benefit plan	136,704	145,589	144,159	140,009	1,336,308
TOTAL future payments	1,132,875	1,167,076	1,270,581	1,284,748	15,678,089

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

# 17. INVESTMENT CONTRACT LIABILITIES

The composition of investment contract liabilities and the movement in liabilities are shown below:

	2016 \$	2015 \$
Guaranteed interest pension	284,229	283,536
Term certain annuities	2,376	2,888
Total Investment contract liabilities	286,605	286,424
	2016 \$	2015 \$
At 1 January Pension contributions Interest credited Benefits paid Management fees deducted Net transfers out	286,424 55,660 915 (40,320) (84) (15,990)	281,544 38,692 3,287 (27,776) (249) (9,074)
At 31 December	286,605	286,424

## 18. INSURANCE CONTRACT LIABILITIES

## A. Composition of insurance contract liabilities

	2016			2015			
	Gross	Reinsurance	Net	Gross	Reinsurance	Net	
	\$	\$	\$	\$	\$	\$	
Life and health insurance							
contracts:							
Participating							
Individual life	30,868	1,818	32,686	29,606	1,613	31,219	
Non-participating							
Individual life	16,874	3,830	20,704	17,719	2,961	20,680	
Individual and group annuities	114,966	-	114,966	98,299	-	98,299	
Group life	7,435	(2,021)	5,414	8,281	(2,280)	6,001	
Health and accident	14,772	3	14,775	15,700	1	15,701	
Total life and health insurance							
contracts	184,915	3,630	188,545	169,605	2,295	171,900	
TOTAL Insurance contract							
liabilities	184,915	3,630	188,545	169,605	2,295	171,900	

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## B. Changes in life and health insurance contract liabilities

	2016			2015		
	Gross	Ceded	Net	Gross	Ceded	Net
Provision for policy benefits Claims payable Provision for participating policyholders	166,266 3,481 (142)	2,295 - -	168,561 3,481 (142)	170,288 4,230 341	2,223 - -	172,511 4,230 341
Life and health insurance contract liabilities - 1 January	169,605	2,295	171,900	174,859	2,223	177,082
Change in provision for policy benefits Aging and changes in balances Changes in assumptions:	15,824	1,155	16,979	3,735	(52)	3,683
Investment returns Mortality Lapse	1,662 (349)	340 (34)	2,002 (383)	(6,583) 738 325	126 (13) (28)	(6,457) 725 297
Expense Other Other changes	(1,044) (172) (141)	(95) (17) (14)	(1,139) (189) (155)	(2,006) (231)	35 4	(1,971) (227)
Other changes	15,780	1,335	17,115	(4,022)	72	(3,950)
Provision for policy benefits Claims payable Provision for participating	182,046 2,430 439	3,630 - -	185,676 2,430 439	166,266 3,481 (142)	2,295 - -	168,561 3,481 (142)
policyholders Life and health insurance contract liabilities – 31 December	184,915	3,630	188,545	169,605	2,295	171,900

The majority of the fair value of future policy benefits is determined by reference to the fair value of the assets supporting those liabilities. As assets supporting future policy benefits are reported at fair value on the statement of financial position, the change in the value of those assets would be largely offset by a change in the value of liabilities, where the duration of the assets and liabilities are closely matched, resulting in limited changes to surplus.

## C. Composition of the assets supporting liabilities

The composition of the assets supporting life and health insurance contract liabilities is as follows:

	2016					
	Fixed income securities \$	Mortgages and loans \$	Cash & Equivalents \$	Total \$		
Participating	·	•	·	-		
Individual life	28,284	2,228	2,174	32,686		
Non-participating						
Individual life	13,794	6,646	200	20,640		
Individual and group annuities	77,628	37,401	-	115,029		
Group life	1,812	873	2,730	5,415		
Health and accident	5	2	14,768	14,775		
	121,523	47,150	19,872	188,545		

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

	2015					
	Fixed income securities	Mortgages and loans \$	Cash & Equivalents \$	Total \$_		
Participating						
Individual life	27,473	2,587	1,158	31,218		
Non-participating						
Individual life	12,016	8,001	617	20,634		
Individual and group annuities	59,037	39,309	-	98,346		
Group life	1,973	1,314	2,714	6,001		
Health and accident	5	4	15,692	15,701		
	100,504	51,215	20,181	171,900		
19. SHARE CAPITAL						

	2016	2015
	\$	\$
Authorised, issued and fully paid -		
2,500,000 (2015 – 2,500,000) common share of par value		
of \$1 each	2,500	2,500

Common shares in issue in the Company rank pari passu with any new common shares issued in the Company. All the common shares in issue carry the same right to receive all dividends and other distributions declared, made or paid by the Company.

## 20. COMMISSION AND OTHER INCOME

This includes commission earned from reinsurers and fee income from the management of segregated funds' assets, pension administration and investment management services.

	2016 \$	2015 \$
Commission and other income Fees earned from management of insurance contracts Fees earned from management of investment contracts Pension administration income Fee income IT asset usage recharge	39 234 9 5,786 919 335	1,275 67 5,601 784 249
Total	7,322	7,976

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## 21. INSURANCE CONTRACTS BENEFITS AND EXPENSES

	2016	2015
	<u> </u>	\$
Gross life and health claims and benefits paid	95,126	94,670
Reinsurance recoveries	(3,381)	(5,223)
Change in insurance contract liabilities	15,780	(4,022)
Change in reinsurance assets	1,335	72
Total insurance contracts benefits and expenses	108,860	85,497
22. OPERATING EXPENSES		
	2016	2015
	\$	\$
Wages and salaries	12,087	12,457
Professional and consulting fees	1,758	1,890
Post retirement benefit costs	677	678
IT maintenance contracts	3,543	3,780
Advertising and business development	1,169	1,166
Bank charges and foreign currency purchase tax	541	358

1,409

515

545

549

156

200

60

75

230

23,514

1,275

516

668

682

21

147

109

234

130

24,111

# 23. RELATED PARTIES

Training and development

Share expense

Bad debt

Travel

Other

Total

Office rent, building and utilities costs

Compliance, legal and regulatory

Memberships and subscriptions

Office and administration expenses

Key management personnel have been defined as the executive team and the Board of Directors of the Company. The following transactions were carried out with key management:

## A. Sales of insurance contracts and other services

	2016 \$	2015 \$
Sales of insurance contracts and pension services: - Key management	46	36

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

## **B.** Key management compensation

The following table shows compensation to key management:

	2016 \$	2015 <u>\$</u>
Salaries and other short-term employee benefits	913	1,001
Post-employment benefits Other long-term benefits	30	35 3
Share based payments	233	283
Total	1,179	1,322

## C. Loans to related parties

Loans are extended to key management of the Company (and their families) and to companies related to key management. These loans are collateralised by the property acquired with the proceeds of the loan. Mortgage terms are typically no more than 20 years in duration and interest rates are consistent with rates charged by the Company to non-related parties.

	2016 \$	2015 
At beginning of year	346	384
Adjustment for changes in key management Loans advances / (repayments)	(346) 342	(61)
Interest charges	5	23
At end of year	347	346

#### D. Related party transactions

- i) Included in revenue and expenses for the year ended 31 December 2016 are:
  - (i) Interest income of \$42 (2015 \$38) from a loan to Hamilton Financial Limited.
  - (ii) Corporate recharges direct from the Parent company of \$6,123 (2015 \$8,178).

These transactions are in the normal course of operations and are measured at the exchange amount, which is the amount of consideration established and agreed to by the related parties.

ii) At the end of the year, the amounts due to or from related parties are:

	2016 \$	2015 \$
Due from related parties:		
Direct Parent company	2,179	-
Wholly-owned subsidiaries of the Parent company	11,756	4,353
Partially-owned subsidiaries of the Parent company	766	382
	14,701	4,735
Due to related parties: Wholly-owned subsidiaries of the Parent company	16,057	11,756

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

Included in amounts due to or from the Parent company or wholly-owned subsidiaries of the Parent company at 31 December 2016 are:

- a. Advances to the Parent Company of \$2,179 (2015 \$Nil) are interest free and are repayable upon demand. These advances will be forgiven as dividends are declared to the Parent Company.
- b. A loan to Hamilton Financial Limited of \$1,800 (2015 \$1,800), which was to assist in the acquisition of a 51.71% interest in the Insurance Corporation of Barbados Limited. The loan earns interest at 1.5% above the LIBOR rate, due quarterly in arrears. The loan is payable upon demand.

All remaining amounts due from and to affiliated companies arise during the normal course of business, are non-interest bearing and are repayable upon demand.

#### 24. COMPONENTS OF ACCUMULATED OTHER COMPREHENSIVE LOSS

	2016 \$	2015 \$
Items that will not be reclassified to profit or loss:  Re-measurement of post-employment benefit obligations:	(2,334)	(2,765)
Total	(2,334)	(2,765)

#### 25. COMMITMENTS AND CONTINGENCIES

#### A. Operating leases

The Company has entered into various commercial leases with renewable options on office space. During the year-end 31 December 2016 and 2015, an amount of \$653 and \$651 respectively, was recognised in the statement of income. The future minimum lease payments payable under non-cancellable leases are as follows:

	2016	2015
	\$	\$
No later than 1 year	560	585
Later than 1 year and no later than 5 years	1,249	1,809
Later than 5 years	<u> </u>	
TOTAL	1.809	2 204
TOTAL	1,009	2,394

#### **B.** Commitments

The Company has commitments made in the normal course of business that are to be disbursed upon fulfilment of certain contract conditions. \$175 is payable in 2017 to fulfil contracts which have fixed and determinable amounts. For years 2017 through 2021, the Company has committed in principle to making an annual donation to a local charity. The amount to be disbursed is unknown but will be determinable on an annual basis subject to contract terms. While the future payment is probable, no obligation has been recognised at the balance sheet date as the amount cannot be reliably determined in accordance with IAS 37 – Provisions, contingent liabilities and contingent assets.

#### C. Contingencies

The Company are from time to time subject to legal actions arising in the normal course of business. It is inherently difficult to predict the outcome of any of these proceedings with certainty and it is possible that an adverse resolution could have a material adverse effect on the financial statements of the Company. However,

Notes to financial statements

# For the year ended 31 December 2016

(in thousands of Bermuda dollars)

based on information presently known, management does not expect that it is probable that the outcome of existing legal action, relating to an interpretation of contract terms, will have a material adverse effect on the financial position of the Company. Actual results could differ from management's best estimates.

#### **26. COMPARATIVE FIGURES**

In 2016, the Company adopted a unified chart of accounts which has resulted in more consistent classifications of accounts across the Company. The result of the adoption of a unified chart of accounts is that certain 2015 balances previously reported were impacted by the new account classifications. The following is the effect arising on the statements of financial position, income and cash flows presented for comparative purposes.

#### **Statement of Financial Position**

At 31 December 2015	As previously reported	Reclassifications	Reporting after reclassifications
Assets			
Cash	44,319	3,052	47,372
Regulatory deposits	5,059	(3,052)	2,007

## **27. SUBSEQUENT EVENT**

On April 4, 2017, the Company declared a dividend to be paid to BF&M in the amount of \$3,800.