

**Section 1: 10-Q (10-Q)**

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**Form 10-Q**

**QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**For the Quarterly Period Ended March 31, 2017**

**Or**

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**Commission file number 001-31909**

**ASPEN INSURANCE HOLDINGS LIMITED**

**(Exact Name of Registrant as Specified in its Charter)**

**Bermuda**

**(State or Other Jurisdiction of  
Incorporation or Organization)**

**141 Front Street  
Hamilton, Bermuda**

**(Address of Principal Executive Offices)**

**Not Applicable**

**(I.R.S. Employer  
Identification No.)**

**HM 19**

**(Zip Code)**

**Registrant's telephone number, including area code**

**(441) 295-8201**

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter periods that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/> (Do not check if a smaller reporting company)	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

As at March 31, 2017, there were 59,988,434 outstanding ordinary shares, with a par value of 0.15144558¢ per ordinary share, outstanding.

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**PART I**  
**FINANCIAL INFORMATION**

**Item 1. Unaudited Condensed Consolidated Financial Statements**

**ASPEN INSURANCE HOLDINGS LIMITED**  
**UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS**  
As at March 31, 2017 and December 31, 2016  
(\$ in millions, except share and per share amounts)

	As at March 31, 2017	As at December 31, 2016
<b>ASSETS</b>		
Investments:		
Fixed income securities, available for sale at fair value (amortized cost — \$5,617.8 and \$5,620.1)	\$ 5,664.4	\$ 5,664.6
Fixed income securities, trading at fair value (amortized cost — \$1,301.7 and \$1,264.8)	1,313.2	1,265.7
Equity securities, trading at fair value (cost — \$563.2 and \$554.3)	623.6	584.7
Short-term investments, available for sale at fair value (amortized cost — \$163.5 and \$145.3)	163.5	145.3
Short-term investments, trading at fair value (amortized cost — \$184.7 and \$185.4)	184.6	185.4
Catastrophe bonds, trading at fair value (cost — \$41.8 and \$42.5)	41.8	42.5
Other investments, equity method	5.0	12.1
Total investments	7,996.1	7,900.3
Cash and cash equivalents (including \$160.9 and \$291.3 within consolidated variable interest entities)	873.1	1,273.8
Reinsurance recoverables		
Unpaid losses	635.8	560.7
Ceded unearned premiums	404.8	255.2
Receivables		
Underwriting premiums	1,557.8	1,399.4
Other	120.7	95.5
Funds withheld	90.4	73.1
Deferred policy acquisition costs	367.5	358.4
Derivatives at fair value	5.2	7.2
Receivables for securities sold	25.7	1.6
Office properties and equipment	86.1	83.8
Tax recoverable	3.1	0.5
Other assets	1.0	1.0
Intangible assets and goodwill	80.5	79.6
Total assets	\$ 12,247.8	\$ 12,090.1

See accompanying notes to unaudited condensed consolidated financial statements.

**ASPEN INSURANCE HOLDINGS LIMITED**  
**UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS**  
**As at March 31, 2017 and December 31, 2016**  
**(\$ in millions, except share and per share amounts)**

	<u>As at March 31, 2017</u>	<u>As at December 31, 2016</u>
<b>LIABILITIES</b>		
<b>Insurance reserves</b>		
Losses and loss adjustment expenses	\$ 5,365.9	\$ 5,319.9
Unearned premiums	1,891.8	1,618.6
<b>Total insurance reserves</b>	<b>7,257.7</b>	<b>6,938.5</b>
<b>Payables</b>		
Reinsurance premiums	362.9	345.3
Deferred taxation	7.1	6.1
Accrued expenses and other payables	361.8	469.2
Liabilities under derivative contracts	4.3	18.4
<b>Total payables</b>	<b>736.1</b>	<b>839.0</b>
Loan notes issued by variable interest entities, at fair value	110.2	115.0
Long-term debt	549.4	549.3
<b>Total liabilities</b>	<b>\$ 8,653.4</b>	<b>\$ 8,441.8</b>
Commitments and contingent liabilities (see Note 16)	—	—
<b>SHAREHOLDERS' EQUITY</b>		
<b>Ordinary shares:</b>		
59,988,434 shares of par value 0.15144558¢ each (December 31, 2016 - 59,774,464)	\$ 0.1	\$ 0.1
<b>Preference shares:</b>		
11,000,000 5.95% shares of par value 0.15144558¢ each (December 31, 2016 — 11,000,000)	—	—
Nil 7.401% shares of par value 0.15144558¢ each (December 31, 2016 — 5,327,500)	—	—
6,400,000 7.250% shares of par value 0.15144558¢ each (December 31, 2016 — 6,400,000)	—	—
10,000,000 5.625% shares of par value 0.15144558¢ each (December 31, 2016 — 10,000,000)	—	—
Non-controlling interest	1.5	1.4
Additional paid-in capital	1,142.1	1,259.6
Retained earnings	2,465.4	2,392.3
Accumulated other comprehensive income, net of taxes	(14.7)	(5.1)
<b>Total shareholders' equity</b>	<b>3,594.4</b>	<b>3,648.3</b>
<b>Total liabilities and shareholders' equity</b>	<b>\$ 12,247.8</b>	<b>\$ 12,090.1</b>

See accompanying notes to unaudited condensed consolidated financial statements.

ASPEN INSURANCE HOLDINGS LIMITED

UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS  
AND OTHER COMPREHENSIVE INCOME  
(\$ in millions, except share and per share amounts)

	Three Months Ended March 31,	
	2017	2016
<b>Revenues</b>		
Net earned premium	\$ 581.1	\$ 663.1
Net investment income	47.7	49.5
Realized and unrealized investment gains	51.2	65.6
Other income	3.6	1.4
Total revenues	683.6	779.6
<b>Expenses</b>		
Losses and loss adjustment expenses	328.2	357.4
Amortization of deferred policy acquisition costs	113.7	130.2
General, administrative and corporate expenses	121.3	119.8
Interest on long-term debt	7.4	7.4
Change in fair value of derivatives	(3.1)	7.2
Change in fair value of loan notes issued by variable interest entities	2.9	4.4
Realized and unrealized investment losses	5.0	20.6
Net realized and unrealized foreign exchange losses	8.9	15.7
Total expenses	584.3	662.7
Income from operations before income tax	99.3	116.9
Income tax expense	(2.8)	(2.5)
Net income	\$ 96.5	\$ 114.4
Amount attributable to non-controlling interest	(0.1)	0.2
<b>Net income attributable to Aspen Insurance Holdings Limited's ordinary shareholders</b>	<b>\$ 96.4</b>	<b>\$ 114.6</b>
<b>Other Comprehensive Income:</b>		
Available for sale investments:		
Reclassification adjustment for net realized gains on investments included in net income	\$ (1.0)	\$ (4.2)
Change in net unrealized gains on available for sale securities held	3.0	89.2
Net change from current period hedged transactions	1.3	(2.1)
Change in foreign currency translation adjustment	(17.2)	(13.5)
Other comprehensive income, gross of tax	(13.9)	69.4
Tax thereon:		
Reclassification adjustment for net realized gains on investments included in net income	0.2	0.5
Change in net unrealized gains on available for sale securities held	(0.1)	(8.6)
Net change from current period hedged transactions	(0.1)	0.7
Change in foreign currency translation adjustment	4.3	2.5
Total tax on other comprehensive income	4.3	(4.9)
Other comprehensive (loss)/income net of tax	(9.6)	64.5
<b>Total comprehensive income attributable to Aspen Insurance Holdings Limited's ordinary shareholders</b>	<b>\$ 86.8</b>	<b>\$ 179.1</b>
<b>Per Share Data</b>		
Weighted average number of ordinary share and share equivalents		
Basic	59,862,662	60,867,815
Diluted	61,196,772	62,483,938
Basic earnings per ordinary share adjusted for preference share dividends	\$ 1.39	\$ 1.73
Diluted earnings per ordinary share adjusted for preference share dividends	\$ 1.36	\$ 1.68

See accompanying notes to unaudited condensed consolidated financial statements.

**ASPEN INSURANCE HOLDINGS LIMITED**  
**UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF**  
**CHANGES IN SHAREHOLDERS' EQUITY**  
(\$ in millions)

	<b>Three Months Ended March 31,</b>	
	<b>2017</b>	<b>2016</b>
<b>Ordinary shares</b>		
Beginning and end of the period	\$ 0.1	\$ 0.1
<b>Preference shares</b>		
Beginning and end of the period	—	—
<b>Non-controlling interest</b>		
Beginning of the period	1.4	1.3
Net change attributable to non-controlling interest for the period	0.1	(0.2)
End of the period	1.5	1.1
<b>Additional paid-in capital</b>		
Beginning of the period	1,259.6	1,075.3
New ordinary shares issued	0.1	1.5
Ordinary shares repurchased and cancelled	—	(25.0)
Preference shares redeemed and cancelled	(133.2)	—
Preference shares redemption <sup>(1)</sup>	2.4	—
Share-based compensation <sup>(2)</sup>	13.2	4.1
End of the period	1,142.1	1,055.9
<b>Retained earnings</b>		
Beginning of the period	2,392.3	2,283.6
Net income for the period	96.5	114.4
Dividends on ordinary shares	(13.2)	(12.8)
Dividends on preference shares	(10.5)	(9.5)
Preference shares redemption <sup>(1)</sup>	(2.4)	—
Net change attributable to non-controlling interest for the period	(0.1)	0.2
Share-based payment <sup>(3)</sup>	2.8	—
End of the period	2,465.4	2,375.9
<b>Accumulated other comprehensive income:</b>		
<b>Cumulative foreign currency translation adjustments, net of taxes:</b>		
Beginning of the period	(27.1)	0.6
Change for the period, net of income tax	(12.9)	(11.0)
End of the period	(40.0)	(10.4)
<b>Loss on derivatives, net of taxes:</b>		
Beginning of the period	(0.5)	(1.2)
Net change from current period hedged transactions	1.2	(1.4)
End of the period	0.7	(2.6)
<b>Unrealized appreciation on investments, net of taxes:</b>		
Beginning of the period	22.5	60.2
Change for the period, net of taxes	2.1	76.9
End of the period	24.6	137.1
<b>Total accumulated other comprehensive income, net of taxes</b>	<b>(14.7)</b>	<b>124.1</b>
<b>Total shareholders' equity</b>	<b>\$ 3,594.4</b>	<b>\$ 3,557.1</b>

(1) The \$2.4 million reclassification from additional paid-in capital to retained earnings is the difference between the capital raised upon issuance of the 7.401% Perpetual Non-Cumulative Preference Shares, net of issuance costs, and the final redemption costs of \$133.2 million.

(2) The balance includes \$7.9 million reclassification from accrued expenses and other payable as a result of the classification of restricted share units as equity following the adoption of ASU 2016-09.

(3) The \$2.8 million relates to the cumulative effect-adjustment to opening retained earnings as a result of the classification of restricted share units as equity following the adoption of ASU 2016-09.

See accompanying notes to unaudited condensed consolidated financial statements.

**ASPEN INSURANCE HOLDINGS LIMITED**  
**UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(\$ in millions)

	Three Months Ended March 31,	
	2017	2016
<b>Cash flows from operating activities:</b>		
Net income	\$ 96.5	\$ 114.4
Proportion due to non-controlling interest	(0.1)	0.2
Adjustments to reconcile net income to net cash flows from operating activities:		
Depreciation and amortization	11.0	10.2
Share-based compensation	7.9	4.1
Realized and unrealized investment (gains)	(51.2)	(65.6)
Realized and unrealized investment losses	5.0	20.6
Change in fair value of loan notes issued by variable interest entities	2.9	4.4
Net realized and unrealized investment foreign exchange losses	5.5	(2.2)
Net change from current period hedged transactions	1.2	(1.4)
Changes in:		
Insurance reserves:		
Losses and loss adjustment expenses	18.3	58.5
Unearned premiums	263.7	202.4
Reinsurance recoverables:		
Unpaid losses	(73.9)	(9.3)
Ceded unearned premiums	(149.5)	(74.2)
Other receivables	(24.9)	(20.8)
Deferred policy acquisition costs	(7.5)	(46.9)
Reinsurance premiums payable	20.8	55.7
Funds withheld	(17.3)	(3.6)
Premiums receivable	(159.5)	(207.5)
Deferred taxes	1.0	14.4
Income tax payable	1.8	—
Accrued expenses and other payables	(19.2)	(2.0)
Fair value of derivatives and settlement of liabilities under derivatives	(12.1)	11.9
Long-term debt and loan notes issued by variable interest entities	(4.7)	1.6
Other assets	—	2.3
<b>Net cash (used in)/generated from operating activities</b>	<b>\$ (84.3)</b>	<b>\$ 67.2</b>

See accompanying notes to unaudited condensed consolidated financial statements.

**UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(\$ in millions)

	<b>Three Months Ended March 31,</b>	
	<b>2017</b>	<b>2016</b>
<b>Cash flows (used in) investing activities:</b>		
(Purchases) of fixed income securities — Available for sale	\$ (441.2)	\$ (682.9)
(Purchases) of fixed income securities — Trading	(265.6)	(215.9)
Proceeds from sales and maturities of fixed income securities — Available for sale	440.6	640.0
Proceeds from sales and maturities of fixed income securities — Trading	237.6	132.2
(Purchases) of equity securities — Trading	(26.5)	(60.3)
Net proceeds of catastrophe bonds — Trading	0.4	8.9
Proceeds from sales of equity securities — Trading	20.9	59.1
(Purchases) of short-term investments — Available for sale	(33.2)	(57.4)
Proceeds from sales of short-term investments — Available for sale	15.9	88.7
(Purchases) of short-term investments — Trading	(4.8)	—
Proceeds from sales of short-term investments — Trading	6.1	2.1
Net change in (payable)/receivable for securities (purchased)/sold	8.6	23.6
Net (purchases) of equipment	(9.9)	(4.8)
Sale of investment	9.3	—
Payments for acquisitions and investments, net of cash acquired	(2.3)	(52.7)
<b>Net cash (used in) investing activities</b>	<b>(44.1)</b>	<b>(119.4)</b>
<b>Cash flows (used in) financing activities:</b>		
Proceeds from the issuance of ordinary shares, net of issuance costs	0.1	1.5
Ordinary shares repurchased	—	(25.0)
Preference share redemption	(133.2)	—
Repayment of long-term debt issued by Silverton	(111.2)	(87.4)
Dividends paid on ordinary shares	(13.2)	(12.8)
Dividends paid on preference shares	(10.5)	(9.5)
Cash paid for tax withholding purposes <sup>(1)</sup>	(7.8)	(6.7)
<b>Net cash (used in) financing activities</b>	<b>(275.8)</b>	<b>(139.9)</b>
Effect of exchange rate movements on cash and cash equivalents	3.5	(4.3)
Decrease in cash and cash equivalents	(400.7)	(196.4)
Cash and cash equivalents at beginning of period	1,273.8	1,099.5
<b>Cash and cash equivalents at end of period</b>	<b>\$ 873.1</b>	<b>\$ 903.1</b>
<b>Supplemental disclosure of cash flow information:</b>		
Net cash paid during the period for income tax	\$ 0.9	\$ 0.4
Cash paid during the period for interest	\$ 7.4	\$ —

(1) The cash paid to the tax authority when withholding shares from employees' awards for tax-withholding purposes has been reclassified from operating activity to financing activity following the adoption of ASU 2016-09. The adjustment has been applied retrospectively and comparative period has been reclassified.

See accompanying notes to unaudited condensed consolidated financial statements.



## ASPEN INSURANCE HOLDINGS LIMITED

### NOTES TO THE UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

#### 1. History and Organization

Aspen Insurance Holdings Limited (“Aspen Holdings”) was incorporated on May 23, 2002 as a holding company headquartered in Bermuda. We underwrite specialty insurance and reinsurance on a global basis through our Operating Subsidiaries based in Bermuda, the United States and the United Kingdom: Aspen Insurance UK Limited (“Aspen U.K.”) and Aspen Underwriting Limited (corporate member of Lloyd’s Syndicate 4711, “AUL” and managed by Aspen Managing Agency Limited (“AMAL”)) (United Kingdom), Aspen Bermuda Limited (“Aspen Bermuda”) (Bermuda), Aspen Specialty Insurance Company (“Aspen Specialty”) and Aspen American Insurance Company (“AAIC”) (United States) (collectively, the “Operating Subsidiaries”). We also have branches in Australia, Canada, France, Germany, Ireland, Singapore, Switzerland and the United Arab Emirates. We established Aspen Capital Management, Ltd and other related entities (collectively, “ACM”) to leverage our existing underwriting franchise, increase our operational flexibility in the capital markets and provide investors direct access to our underwriting expertise. References to the “Company,” “the Group,” “we,” “us” or “our” refer to Aspen Holdings or Aspen Holdings and its subsidiaries.

#### 2. Basis of Preparation

The accompanying unaudited condensed consolidated financial statements have been prepared on the basis of generally accepted accounting principles in the United States (“U.S. GAAP”) for interim financial information and in accordance with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by U.S. GAAP for complete financial statements. In the opinion of management, all adjustments considered necessary for a fair presentation have been included. Results for the three months ended March 31, 2017 are not necessarily indicative of the results that may be expected for the year ended December 31, 2017. The unaudited condensed consolidated financial statements include the accounts of Aspen Holdings and its subsidiaries. All intercompany transactions and balances have been eliminated on consolidation.

The balance sheet as at December 31, 2016 has been derived from the audited consolidated financial statements at that date, but does not include all of the information and footnotes required by U.S. GAAP for complete financial statements. These unaudited condensed consolidated financial statements and notes thereto should be read in conjunction with the consolidated financial statements and notes thereto for the year ended December 31, 2016 contained in the Company’s Annual Report on Form 10-K filed with the United States Securities and Exchange Commission (the “SEC”) on February 22, 2017 (File No. 001-31909). Except for the changes associated with ASU 2016-09, “*Compensation — Stock Compensation*” listed below, there have been no changes to significant accounting policies from those disclosed in the Company’s Annual Report on Form 10-K.

Assumptions and estimates made by management have a significant effect on the amounts reported within the unaudited condensed consolidated financial statements. The most significant of these relate to losses and loss adjustment expenses, the value of investments, reinsurance recoverables and the fair value of derivatives. All material assumptions and estimates are regularly reviewed and adjustments made as necessary, but actual results could be significantly different from those expected when the assumptions or estimates were made.

#### *Accounting Pronouncements Adopted in 2017*

On March 30, 2016, the Financial Accounting Standards Board (“FASB”) issued ASU 2016-09, “*Compensation — Stock Compensation*” which provides guidance on several aspects of the accounting for share-based payment transactions, including the income tax consequences, classification of awards as either equity or liabilities, and classification on the statement of cash flows. This ASU is effective for fiscal years beginning after December 15, 2016 and interim periods beginning after December 15, 2016. Following the adoption of this ASU, all excess tax benefits or expense related to stock-based compensation transactions are recognized prospectively as income tax benefits or expense in the Consolidated Income Statement and the excess tax benefits or expense from stock-based compensation transactions previously included in “Financing activities” on the Consolidated Statements of Cash Flows are prospectively included on that statement as “Operating activities.” The cash paid to the tax authority for tax withholding purposes has also been reclassified from operating to financing activity in the Consolidated Statement of Cash Flows and the comparative period has been restated. This ASU also allows share withholding up to the maximum statutory withholding requirement while still avoiding liability accounting. As a result, the Company has applied the equity accounting method for its restricted share units retrospectively and has recorded a cumulative effect adjustment of \$2.8 million through opening retained earnings and \$7.9 million through additional paid-in capital.

### Accounting Pronouncements Not Yet Adopted

On March 10, 2017, FASB issued ASU 2017-7, “Improving the Presentation of Net Periodic Pension Cost and Net Periodic Post Retirement Benefit Cost” which changes how employers report defined benefit pension and/or other post-retirement benefit costs in their financial statements. This ASU is effective for fiscal years beginning after December 15, 2017 and interim periods beginning after December 15, 2017. The Company is currently assessing the impact the adoption of this ASU will have on future financial statements and disclosures.

Other accounting pronouncements were issued during the three months ended March 31, 2017 which were either not relevant to the Company or did not impact the Company’s consolidated financial statements.

### 3. Reclassifications from Accumulated Other Comprehensive Income

The following tables set out the components of the Company’s accumulated other comprehensive income (“AOCI”) that are reclassified into the unaudited condensed consolidated statement of operations for the three months ended March 31, 2017 and 2016:

Details about the AOCI Components	Amount Reclassified from AOCI		Affected Line Item in the Unaudited Condensed Consolidated Statement of Operations
	Three Months Ended March 31, 2017	Three Months Ended March 31, 2016	
	(\$ in millions)		
Available for sale securities:			
Realized gains on sale of securities	\$ 2.3	\$ 7.1	Realized and unrealized investment gains
Realized (losses) on sale of securities	(1.3)	(2.9)	Realized and unrealized investment losses
	1.0	4.2	Income from operations before income tax
Tax on net realized gains of securities	(0.2)	(0.5)	Income tax expense
	<u>\$ 0.8</u>	<u>\$ 3.7</u>	Net income
Realized derivatives:			
Net realized (losses) on settled derivatives	\$ 0.3	\$ 1.1	General, administrative and corporate expenses
Tax on settled derivatives	(0.1)	—	Income tax expense
	<u>\$ 0.2</u>	<u>\$ 1.1</u>	Net income
Total reclassifications from AOCI to the statement of operations, net of income tax	<u>\$ 1.0</u>	<u>\$ 4.8</u>	Net income

#### 4. Earnings per Ordinary Share

Basic earnings per ordinary share are calculated by dividing net income available to holders of Aspen Holdings' ordinary shares by the weighted average number of ordinary shares outstanding. Net income available to ordinary shareholders is calculated by deducting preference share dividends and net income/(loss) attributable to non-controlling interest from net income after tax for the period. Diluted earnings per ordinary share are based on the weighted average number of ordinary shares and dilutive potential ordinary shares outstanding during the period of calculation using the treasury stock method. The following table sets forth the computation of basic and diluted earnings per ordinary share for the three months ended March 31, 2017 and 2016, respectively:

	Three Months Ended March 31,	
	2017	2016
(\$ in millions, except share and per share amounts)		
Net income	\$ 96.5	\$ 114.4
Preference share dividends	(10.5)	(9.5)
Change in redemption value <sup>(1)</sup>	(2.4)	—
Net amount attributable to non-controlling interest	(0.1)	0.2
Basic and diluted net income available to ordinary shareholders	\$ 83.5	\$ 105.1
Ordinary shares:		
Basic weighted average ordinary shares	59,862,662	60,867,815
Weighted average effect of dilutive securities <sup>(2)</sup>	1,334,110	1,616,123
Total diluted weighted average ordinary shares	61,196,772	62,483,938
Earnings per ordinary share:		
Basic	\$ 1.39	\$ 1.73
Diluted	\$ 1.36	\$ 1.68

<sup>(1)</sup> The \$2.4 million deduction from net income in 2017 is attributable to the reclassification from additional paid-in capital to retained earnings representing the difference between the capital raised upon issuance of the 7.401% Perpetual Non-Cumulative Preference Shares, net of issuance costs, and the final redemption costs of \$133.2 million.

<sup>(2)</sup> Dilutive securities consist of employee restricted share units and performance shares associated with the Company's long-term incentive plan, employee share purchase plans and director restricted share units as described in Note 14.

*Dividends.* On April 26, 2017, the Company's Board of Directors (the "Board of Directors") declared the following quarterly dividends:

	Dividend	Payable on:	Record Date:
Ordinary shares	\$ 0.24	May 30, 2017	May 12, 2017
7.250% preference shares	\$ 0.4531	July 1, 2017	June 15, 2017
5.95% preference shares	\$ 0.3719	July 1, 2017	June 15, 2017
5.625% preference shares	\$ 0.3516	July 1, 2017	June 15, 2017

#### 5. Segment Reporting

The Company has two reporting business segments: Insurance and Reinsurance. In addition to the way the Company manages its business, the Company has considered similarities in economic characteristics, products, customers, distribution, the regulatory environment of the Company's business segments and quantitative thresholds to determine the Company's reportable segments. Segment profit or loss for each of the Company's business segments is measured by underwriting profit or loss. Underwriting profit is the excess of net earned premiums over the sum of losses and loss expenses, amortization of deferred policy acquisition costs and general and administrative expenses. Underwriting profit or loss provides a basis for management to evaluate the business segment's underwriting performance.

*Reinsurance Segment.* The reinsurance segment consists of property catastrophe reinsurance (including the business written through Aspen Capital Markets), other property reinsurance (risk excess, pro rata and facultative), casualty reinsurance (U.S. treaty, international treaty and global facultative) and specialty insurance and reinsurance (credit and surety, mortgage reinsurance and insurance, agriculture insurance and reinsurance, marine, aviation, terrorism, engineering, cyber and other specialty lines). ACM forms part of our property catastrophe reinsurance line of business as it focuses primarily on property catastrophe business through

the use of alternative capital. For a more detailed description of this business segment, see Part I, Item 1, “Business — Business Segments — Reinsurance” in the Company’s 2016 Annual Report on Form 10-K filed with the SEC.

*Insurance Segment.* The insurance segment consists of property and casualty insurance, marine, aviation and energy insurance and financial and professional lines insurance. For a more detailed description of this business segment, see Part I, Item 1 “Business — Business Segments — Insurance” in the Company’s 2016 Annual Report on Form 10-K filed with the SEC.

*Non-underwriting Disclosures.* The Company has provided additional disclosures for corporate and other (non-underwriting) income and expenses. Corporate and other income and expenses include net investment income, net realized and unrealized investment gains or losses, expenses associated with managing the Group, certain strategic and non-recurring costs, changes in fair value of derivatives and changes in fair value of the loan notes issued by variable interest entities, interest expenses, net realized and unrealized foreign exchange gains or losses, and income taxes, none of which are allocated to the business segments. Corporate expenses are not allocated to the Company’s business segments as they typically do not fluctuate with the levels of premiums written and are not directly related to the Company’s business segment operations. The Company does not allocate its assets by business segment as it evaluates underwriting results of each business segment separately from the results of the Company’s investment portfolio.

The following tables provide a summary of gross and net written and earned premiums, underwriting results, ratios and reserves for each of the Company's business segments for the three months ended March 31, 2017 and 2016:

	Three Months Ended March 31, 2017		
	Reinsurance	Insurance	Total
	(\$ in millions)		
<b>Underwriting Revenues</b>			
Gross written premiums	\$ 565.3	\$ 432.7	\$ 998.0
Net written premiums	448.2	238.0	686.2
Gross earned premiums	327.6	423.7	751.3
Net earned premiums	277.5	303.6	581.1
<b>Underwriting Expenses</b>			
Losses and loss adjustment expenses	143.1	185.1	328.2
Amortization of deferred policy acquisition costs	59.5	54.2	113.7
General and administrative expenses	43.9	61.8	105.7
Underwriting income	\$ 31.0	\$ 2.5	33.5
Corporate expenses			(13.4)
Non-operating expenses			(2.2)
Net investment income			47.7
Realized and unrealized investment gains			51.2
Realized and unrealized investment losses			(5.0)
Change in fair value of loan notes issued by variable interest entities			(2.9)
Change in fair value of derivatives			3.1
Interest expense on long term debt			(7.4)
Net realized and unrealized foreign exchange gains			(8.9)
Net other income			3.6
Income before tax			<u>\$ 99.3</u>
Net reserves for loss and loss adjustment expenses	<u>\$ 2,445.4</u>	<u>\$ 2,284.7</u>	<u>\$ 4,730.1</u>
<b>Ratios</b>			
Loss ratio	51.6%	61.0%	56.5%
Policy acquisition expense ratio	21.4	17.9	19.6
General and administrative expense ratio	15.8	20.4	20.9 <sup>(1)</sup>
Expense ratio	37.2	38.3	40.5
Combined ratio	<u>88.8%</u>	<u>99.3%</u>	<u>97.0%</u>

<sup>(1)</sup> The general and administrative expense ratio in the total column includes corporate expenses and non-operating expenses.

	Three Months Ended March 31, 2016		
	Reinsurance	Insurance	Total
	( \$ in millions)		
<b>Underwriting Revenues</b>			
Gross written premiums	\$ 517.6	\$ 458.1	\$ 975.7
Net written premiums	449.5	350.2	799.7
Gross earned premiums	306.8	445.6	752.4
Net earned premiums	280.3	382.8	663.1
<b>Underwriting Expenses</b>			
Losses and loss adjustment expenses	134.5	222.9	357.4
Amortization of deferred policy acquisition costs	59.4	70.8	130.2
General and administrative expenses	44.1	58.6	102.7
Underwriting income	\$ 42.3	\$ 30.5	72.8
Corporate expenses			(17.1)
Net investment income			49.5
Realized and unrealized investment gains			65.6
Realized and unrealized investment losses			(20.6)
Change in fair value of loan notes issued by variable interest entities			(4.4)
Change in fair value of derivatives			(7.2)
Interest expense on long term debt			(7.4)
Net realized and unrealized foreign exchange (losses)			(15.7)
Net other income			1.4
Income before tax			\$ 116.9
Net reserves for loss and loss adjustment expenses	\$ 2,433.0	\$ 2,212.5	\$ 4,645.5
<b>Ratios</b>			
Loss ratio	48.0%	58.2%	53.9%
Policy acquisition expense ratio	21.2	18.5	19.6
General and administrative expense ratio	15.7	15.3	18.1 <sup>(1)</sup>
Expense ratio	36.9	33.8	37.7
Combined ratio	84.9%	92.0%	91.6%

<sup>(1)</sup> The general and administrative expense ratio in the total column includes corporate expenses.

The Company uses underwriting ratios as measures of performance. The loss ratio is the ratio of losses and loss adjustment expenses to net earned premiums. The policy acquisition expense ratio is the ratio of amortization of deferred policy acquisition costs to net earned premiums. The general and administrative expense ratio is the ratio of general, administrative and corporate expenses to net earned premiums. The combined ratio is the sum of the loss ratio, the policy acquisition expense ratio and the general and administrative expense ratio.

## 6. Investments

### Income Statement

*Investment Income.* The following table summarizes investment income for the three months ended March 31, 2017 and 2016:

	For the Three Months Ended	
	March 31, 2017	March 31, 2016
	(\$ in millions)	
Fixed income securities — Available for sale	\$ 33.9	\$ 36.6
Fixed income securities — Trading	10.1	7.4
Short-term investments — Available for sale	0.1	0.1
Short-term investments — Trading	0.2	—
Cash and cash equivalents	0.7	0.5
Equity securities — Trading	5.2	6.9
Catastrophe bonds — Trading	0.4	0.6
Total	\$ 50.6	\$ 52.1
Investment expenses	(2.9)	(2.6)
Net investment income	\$ 47.7	\$ 49.5

The following table summarizes the net realized and unrealized investment gains and losses recorded in the statement of operations and the change in unrealized gains and losses on investments recorded in other comprehensive income for the three months ended March 31, 2017 and 2016:

	For the Three Months Ended	
	March 31, 2017	March 31, 2016
	(\$ in millions)	
<b>Available for sale:</b>		
Fixed income securities — gross realized gains	\$ 2.2	\$ 7.1
Fixed income securities — gross realized (losses)	(1.3)	(2.4)
Short-term investments — gross realized gains	0.1	—
Cash and cash equivalents — gross realized (losses)	—	(0.7)
Other-than-temporary impairments	(0.3)	—
<b>Trading:</b>		
Fixed income securities — gross realized gains	1.8	1.2
Fixed income securities — gross realized (losses)	(2.0)	(5.8)
Equity securities — gross realized gains	4.5	5.9
Equity securities — gross realized (losses)	(1.4)	(11.5)
Catastrophe bonds	—	(0.2)
Net change in gross unrealized gains	40.9	51.4
<b>Other investments:</b>		
Gross unrealized gain in Chaspark	1.7	—
Total net realized and unrealized investment gains recorded in the statement of operations	<u>\$ 46.2</u>	<u>\$ 45.0</u>
<b>Change in available for sale net unrealized gains:</b>		
Fixed income securities	2.0	85.0
Total change in pre-tax available for sale unrealized gains	2.0	85.0
Change in taxes	0.1	(8.1)
Total change in net unrealized gains, net of taxes, recorded in other comprehensive income	<u>\$ 2.1</u>	<u>\$ 76.9</u>

*Other-Than-Temporary Impairments.* A security is potentially impaired when its fair value is below its amortized cost. The Company reviews its available for sale fixed income portfolios on an individual security basis for potential other-than-temporary impairment (“OTTI”) each quarter based on criteria including issuer-specific circumstances, credit ratings actions and general macro-economic conditions. The total OTTI charge for the three months ended March 31, 2017 was \$0.3 million (2016 — \$Nil). For a more detailed description of accounting policies for OTTI, please refer to Note 2(c) of the “Notes to the Audited Consolidated Financial Statements” in the Company’s 2016 Annual Report on Form 10-K filed with the SEC.



## Balance Sheet

*Fixed Income Securities and Short-Term Investments — Available For Sale.* The following tables present the cost or amortized cost, gross unrealized gains and losses and estimated fair market value of available for sale investments in fixed income securities and short-term investments as at March 31, 2017 and December 31, 2016:

As at March 31, 2017				
	Cost or Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Market Value
(\$ in millions)				
U.S. government	\$ 1,267.1	\$ 9.3	\$ (9.3)	\$ 1,267.1
U.S. agency	106.1	1.3	—	107.4
Municipal	22.9	1.7	(0.2)	24.4
Corporate	2,564.5	40.0	(16.8)	2,587.7
Non-U.S. government-backed corporate	84.0	0.6	(0.1)	84.5
Non-U.S. government	483.2	11.4	(0.4)	494.2
Asset-backed	54.5	0.3	—	54.8
Non-agency commercial mortgage-backed	11.3	0.2	—	11.5
Agency mortgage-backed	1,024.2	17.5	(8.9)	1,032.8
Total fixed income securities — Available for sale	5,617.8	82.3	(35.7)	5,664.4
Total short-term investments — Available for sale	163.5	—	—	163.5
Total	\$ 5,781.3	\$ 82.3	\$ (35.7)	\$ 5,827.9

All equities are held in the trading portfolio. There were no non-cash transfers of securities from available for sale to trading during the three months ended March 31, 2017.

As at December 31, 2016				
	Cost or Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Market Value
(\$ in millions)				
U.S. government	\$ 1,207.9	\$ 9.4	\$ (11.2)	\$ 1,206.1
U.S. agency	117.7	1.9	—	119.6
Municipal	23.2	1.6	(0.4)	24.4
Corporate	2,566.9	39.6	(20.0)	2,586.5
Non-U.S. government-backed corporate	89.2	0.7	(0.1)	89.8
Non-U.S. government	477.7	11.8	(0.8)	488.7
Asset-backed	62.6	0.4	—	63.0
Non-agency commercial mortgage-backed	12.3	0.3	—	12.6
Agency mortgage-backed	1,062.6	19.6	(8.3)	1,073.9
Total fixed income securities — Available for sale	5,620.1	85.3	(40.8)	5,664.6
Total short-term investments — Available for sale	145.3	—	—	145.3
Total	\$ 5,765.4	\$ 85.3	\$ (40.8)	\$ 5,809.9

*Fixed Income Securities, Short-Term Investments, Equities and Catastrophe Bonds — Trading.* The following tables present the cost or amortized cost, gross unrealized gains and losses, and estimated fair market value of trading investments in fixed income securities, short-term investments, equity securities and catastrophe bonds as at March 31, 2017 and December 31, 2016:

As at March 31, 2017				
	Cost or Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Market Value
(\$ in millions)				
U.S. government	\$ 94.8	\$ 0.7	\$ (0.1)	\$ 95.4
Municipal	15.7	—	(0.1)	15.6
Corporate	858.6	12.4	(4.8)	866.2
Non-U.S. government	187.2	5.7	(1.2)	191.7
Asset-backed	13.4	—	—	13.4
Agency mortgage-backed	132.0	0.1	(1.2)	130.9
Total fixed income securities — Trading	1,301.7	18.9	(7.4)	1,313.2
Total short-term investments — Trading	184.7	—	(0.1)	184.6
Total equity securities — Trading	563.2	78.3	(17.9)	623.6
Total catastrophe bonds — Trading	41.8	—	—	41.8
<b>Total</b>	<b>\$ 2,091.4</b>	<b>\$ 97.2</b>	<b>\$ (25.4)</b>	<b>\$ 2,163.2</b>

As at December 31, 2016				
	Cost or Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Market Value
(\$ in millions)				
U.S. government	\$ 82.8	\$ 0.4	\$ (0.8)	\$ 82.4
Municipal	15.7	—	(0.2)	15.5
Corporate	817.8	9.9	(7.1)	820.6
Non-U.S. government	203.4	3.5	(4.1)	202.8
Asset-backed	14.5	—	—	14.5
Agency mortgage-backed	130.6	0.2	(0.9)	129.9
Total fixed income securities — Trading	1,264.8	14.0	(13.1)	1,265.7
Total short-term investments — Trading	185.4	—	—	185.4
Total equity securities — Trading	554.3	55.4	(25.0)	584.7
Total catastrophe bonds — Trading	42.5	—	—	42.5
<b>Total</b>	<b>\$ 2,047.0</b>	<b>\$ 69.4</b>	<b>\$ (38.1)</b>	<b>\$ 2,078.3</b>

The Company classifies the financial instruments presented in the tables above as held for trading as this most closely reflects the facts and circumstances of the investments held.

*Catastrophe Bonds.* The Company has invested in catastrophe bonds with a total value of \$41.8 million as at March 31, 2017. The bonds receive quarterly interest payments based on variable interest rates with scheduled maturities ranging from 2017 to 2021. The redemption value of the bonds will adjust based on the occurrence of a covered event, such as windstorms and earthquakes in the United States, Canada, the North Atlantic, Japan or Australia.

*Other Investments.* In January 2015, the Company established, along with seven other insurance companies, a micro-insurance venture consortium and micro-insurance incubator (“MVI”) domiciled in Bermuda. The MVI is a social impact organization that provides micro-insurance products to assist global emerging consumers. The Company’s initial investment in the MVI was \$0.8 million.

On October 2, 2012, the Company established a subsidiary, Aspen Recoveries Limited, to take ownership of a 58.5% shareholding in Chaspark Maritime Holdings Ltd., a Singaporean registered company (“Chaspark”), with the remaining shareholding owned by other insurers. The shareholding in Chaspark was received as a settlement for subrogation rights associated with a contract frustration claim settlement. The Company determined that Chaspark has the characteristics of a variable interest entity as addressed by the guidance in ASC 810-10, *Consolidation*. However, the Company’s investment in Chaspark does not permit the Company to direct the activities which most significantly impact Chaspark’s economic performance and the Company is not acting as principal or agent for a related party group of investors. Under these circumstances and in accordance with the provisions of ASC 810-10, the Company is not required to consolidate Chaspark. As a result, the Company’s investment in Chaspark is accounted for under the equity method and adjustments to the carrying value of this investment are made based on the Company’s share of capital, including share of income and expenses, which is provided in the quarterly management accounts. Changes in the value are recognized in realized and unrealized investment gains and losses in the unaudited condensed consolidated statement of operations. The adjusted carrying value approximates fair value.

In the three months ended March 31, 2017, the change in the value of the Company’s investment in Chaspark was an unrealized gain of \$1.7 million (March 31, 2016 — \$Nil). On March 10, 2017, Aspen Recoveries Limited received cash of \$9.3 million as partial settlement of its share of subrogation assets held by Chaspark.

On July 26, 2016, the Company purchased through its wholly-owned subsidiary, Acorn Limited, a 20% share of Bene Assicurazioni (“Bene”), an Italian-based motor insurer for a total consideration of \$3.3 million. The investment is accounted for under the equity method and adjustments to the carrying value of this investment are made based on the Company’s share of capital, including share of income and expenses.

On January 1, 2017, the Company purchased through its wholly-owned subsidiary, Acorn Limited, a 49% share of Digital Risk Resources, LLP (“Digital Re”), a U.S.-based insurance intermediary engaged in the business of procuring and placing information security and privacy liability reinsurance products for a total consideration of \$2.3 million. The investment is accounted for under the equity method and adjustments to the carrying value of this investment are made based on the Company’s share of capital, including share of income and expenses.

The tables below show the Company’s investments in the MVI, Chaspark, Bene and Digital Re for the three months ended March 31, 2017 and March 31, 2016:

	For the Three Months Ended March 31, 2017				
	MVI	Chaspark	Bene	Digital Re	Total
	(\$ in millions)				
Opening undistributed value of investment	\$ 0.5	\$ 8.4	\$ 3.2	\$ —	\$ 12.1
Initial investment	—	—	—	2.3	2.3
Goodwill	—	—	—	(1.8)	(1.8)
Distribution received	—	(9.3)	—	—	(9.3)
Realized/unrealized gain for the three months to March 31, 2017	—	1.7	—	—	1.7
Closing undistributed value of investment	\$ 0.5	\$ 0.8	\$ 3.2	\$ 0.5	\$ 5.0

	For the Three Months Ended March 31, 2016		
	MVI	Chaspark	Total
	(\$ in millions)		
Opening and closing undistributed value of investment	\$ 0.8	\$ 8.7	\$ 9.5

*Fixed Income Securities.* The scheduled maturity distribution of available for sale fixed income securities as at March 31, 2017 and December 31, 2016 is set forth in the tables below. Actual maturities may differ from contractual maturities because issuers of securities may have the right to call or prepay obligations with or without call or prepayment penalties.

	As at March 31, 2017		
	Amortized Cost or Cost	Fair Market Value	Average S&P Ratings by Maturity
	(\$ in millions)		
Due one year or less	\$ 569.6	\$ 572.1	AA
Due after one year through five years	2,693.0	2,721.6	AA-
Due after five years through ten years	1,174.0	1,173.7	AA-
Due after ten years	91.2	97.9	A+
Subtotal	4,527.8	4,565.3	
Non-agency commercial mortgage-backed	11.3	11.5	AAA
Agency mortgage-backed	1,024.2	1,032.8	AA+
Asset-backed	54.5	54.8	AAA
Total fixed income securities — Available for sale	\$ 5,617.8	\$ 5,664.4	

	As at December 31, 2016		
	Amortized Cost or Cost	Fair Market Value	Average S&P Ratings by Maturity
	(\$ in millions)		
Due one year or less	\$ 567.2	\$ 570.0	AA
Due after one year through five years	2,643.7	2,671.9	AA-
Due after five years through ten years	1,172.3	1,168.1	A+
Due after ten years	99.4	105.1	A+
Subtotal	4,482.6	4,515.1	
Non-agency commercial mortgage-backed	12.3	12.6	AAA
Agency mortgage-backed	1,062.6	1,073.9	AA+
Asset-backed	62.6	63.0	AAA
Total fixed income securities — Available for sale	\$ 5,620.1	\$ 5,664.6	

*Guaranteed Investments.* As at March 31, 2017, the Company held no investments which are guaranteed by mono-line insurers, excluding those with explicit government guarantees. The Company has one municipal security with fair value less than \$0.1 million rated CC or higher (December 31, 2016 — one municipal security rated CC or higher). The standalone rating (rating without guarantee) is determined as the senior unsecured debt rating of the issuer. Where the credit ratings were split between the two main rating agencies, Standard & Poor's Financial Services LLC ("S&P") and Moody's Investors Service, Inc. ("Moody's"), the lowest rating was used. The Company's exposure to other third-party guaranteed debt is primarily to investments backed by non-U.S. government guaranteed issuers.

*Gross Unrealized Loss.* The following tables summarize as at March 31, 2017 and December 31, 2016 by type of security, the aggregate fair value and gross unrealized loss by length of time the security has been in an unrealized loss position in the Company's available for sale portfolio:

	As at March 31, 2017						
	0-12 months		Over 12 months		Total		
	Fair Market Value	Gross Unrealized Loss	Fair Market Value	Gross Unrealized Loss	Fair Market Value	Gross Unrealized Loss	Number of Securities
	(\$ in millions)						
U.S. government	\$ 683.2	\$ (9.3)	\$ —	\$ —	\$ 683.2	\$ (9.3)	77
U.S. agency	14.8	—	—	—	14.8	—	6
Municipal	6.5	(0.2)	—	—	6.5	(0.2)	3
Corporate	895.0	(16.6)	3.4	(0.2)	898.4	(16.8)	339
Non-U.S. government-backed corporate	32.0	(0.1)	—	—	32.0	(0.1)	10
Non-U.S. government	87.7	(0.3)	40.7	(0.1)	128.4	(0.4)	28
Asset-backed	23.9	—	0.7	—	24.6	—	16
Agency mortgage-backed	553.2	(8.2)	28.5	(0.7)	581.7	(8.9)	156
Total fixed income securities — Available for sale	2,296.3	(34.7)	73.3	(1.0)	2,369.6	(35.7)	635
Total short-term investments — Available for sale	34.1	—	—	—	34.1	—	13
Total	\$ 2,330.4	\$ (34.7)	\$ 73.3	\$ (1.0)	\$ 2,403.7	\$ (35.7)	648

	As at December 31, 2016						
	0-12 months		Over 12 months		Total		
	Fair Market Value	Gross Unrealized Loss	Fair Market Value	Gross Unrealized Loss	Fair Market Value	Gross Unrealized Loss	Number of Securities
	(\$ in millions)						
U.S. government	\$ 724.4	\$ (11.2)	\$ —	\$ —	\$ 724.4	\$ (11.2)	78
U.S. agency	14.1	—	—	—	14.1	—	4
Municipal	7.7	(0.2)	0.8	(0.2)	8.5	(0.4)	6
Corporate	1,044.4	(19.4)	6.6	(0.6)	1,051.0	(20.0)	386
Non-U.S. government-backed corporate	29.6	(0.1)	—	—	29.6	(0.1)	11
Non-U.S. government	143.5	(0.8)	1.0	—	144.5	(0.8)	29
Asset-backed	25.8	—	1.4	—	27.2	—	15
Agency mortgage-backed	527.6	(7.6)	27.2	(0.7)	554.8	(8.3)	148
Total fixed income securities — Available for sale	2,517.1	(39.3)	37.0	(1.5)	2,554.1	(40.8)	677
Total short-term investments — Available for sale	1.1	—	—	—	1.1	—	2
Total	\$ 2,518.2	\$ (39.3)	\$ 37.0	\$ (1.5)	\$ 2,555.2	\$ (40.8)	679

## 7. Variable Interest Entities

As at March 31, 2017, the Company had investments in three variable interest entities ("VIE"): Chaspark, Peregrine and Silverton.

*Chaspark.* The Company has determined that Chaspark has the characteristics of a VIE as addressed by the guidance in ASC 810, *Consolidation*. As discussed in Note 6 of these unaudited condensed consolidated financial statements, the investment in Chaspark is accounted for under the equity method. In the three months ended March 31, 2017, the change in the value of the

Company's investment in Chaspark was an unrealized gain of \$1.7 million (March 31, 2016 — \$Nil). The adjusted carrying value approximates fair value. For more information on Chaspark, refer to Note 6 of these unaudited condensed consolidated financial statements.

*Peregrine.* In November 2016, Peregrine, a subsidiary of the Company, was registered as a segregated accounts company under the Segregated Accounts Companies Act 2000, as amended. As at March 31, 2017, Peregrine had three segregated accounts which were funded by a third party investor. The segregated accounts have not been consolidated as part of the Company's consolidated financial statements. The Company has, however, determined that Peregrine has the characteristics of a VIE as addressed by the guidance in ASC 810, *Consolidation*. The Company concluded that it is not the primary beneficiary of the three segregated accounts of Peregrine but is the primary beneficiary of the Peregrine general fund and, similar to prior reporting periods, the Company has included the results of the Peregrine general fund in its consolidated financial statements. The Company's exposure to Peregrine's general fund is not material.

*Silverton.* On September 10, 2013, the Company established Silverton, a Bermuda domiciled special purpose insurer formed to provide additional collateralized capacity to support Aspen Re's business through retrocession agreements which are collateralized and funded by Silverton through the issuance of one or more series of participating loan notes (collectively, the "Loan Notes"). Silverton is a non-rated insurer and the risks are fully collateralized by way of funds held in trust for the benefit of Aspen Bermuda and Aspen U.K., the ceding reinsurers.

All proceeds from the issuance of the Loan Notes were deposited into separate collateral accounts for each series of Loan Notes to fund Silverton's obligations under a retrocession property quota share agreement entered into with Aspen Bermuda or Aspen Bermuda and Aspen U.K, as the case may be. The holders of the Loan Notes participate in any profit or loss generated by Silverton attributable to the operations of the respective Silverton segregated account. Any existing value of the Loan Notes will be returned to the noteholders in installments after the expiration of the risk period of the retrocession agreement issued by Silverton for the related series of Loan Notes with the final payment being contractually due on the respective maturity dates.

The following tables show the total liability balance of the Loan Notes for the three months ended March 31, 2017 and 2016:

	<b>For the Three Months Ended March 31, 2017</b>		
	<b>Third Party</b>	<b>Aspen Holdings</b>	<b>Total</b>
	(\$ in millions)		
Opening balance	\$ 223.4	\$ 54.5	\$ 277.9
Total change in fair value for the period	2.9	0.7	3.6
Total distributed in the period	(111.2)	(28.3)	(139.5)
Closing balance as at March 31, 2017	\$ 115.1	\$ 26.9	\$ 142.0
<b>Liability</b>			
Loan notes (long-term liabilities)	\$ 110.2	\$ 26.9	\$ 137.1
Accrued expenses (current liabilities)	4.9	—	4.9
Total aggregate unpaid balance as at March 31, 2017	\$ 115.1	\$ 26.9	\$ 142.0
	<b>For the Three Months Ended March 31, 2016</b>		
	<b>Third Party</b>	<b>Aspen Holdings</b>	<b>Total</b>
	(\$ in millions)		
Opening balance	\$ 190.6	\$ 44.4	\$ 235.0
Total change in fair value for the period	4.4	1.1	5.5
Total distributed in the period	(87.4)	(19.0)	(106.4)
Closing balance as at March 31, 2016	\$ 107.6	\$ 26.5	\$ 134.1
<b>Liability</b>			
Loan notes (long-term liabilities)	\$ 104.5	\$ 25.9	\$ 130.4
Accrued expenses (current liabilities)	3.1	0.6	3.7
Total aggregate unpaid balance as at March 31, 2016	\$ 107.6	\$ 26.5	\$ 134.1

The Company has determined that Silverton has the characteristics of a VIE that are addressed by the guidance in ASC 810, *Consolidation*. The Company concluded that it is the primary beneficiary of Silverton as it owns all of Silverton's voting shares and issued share capital, and has a significant financial interest and the power to control Silverton. As a result, the Company consolidated Silverton upon its formation. The Company has no other obligation to provide financial support to Silverton and neither the creditors nor beneficial interest holders of Silverton have recourse to the Company's general credit.

In the event of an extreme catastrophic property reinsurance event or severe credit-related event, there is a risk that Aspen Bermuda and Aspen U.K. would be unable to recover losses from Silverton. These two risks are mitigated as follows:

- i. Silverton has collateralized the aggregate limit provided to Aspen Bermuda and Aspen U.K. by way of a trust in favor of Aspen Bermuda and Aspen U.K. as beneficiaries;
- ii. the trustee is a large, well-established regulated entity; and
- iii. all funds within the trust account are bound by investment guidelines restricting investments to one of the institutional class money market funds run by large international investment managers.

For further information regarding the Loan Notes attributable to the third-party investments in Silverton, refer to Note 8 of these unaudited condensed consolidated financial statements.

#### **8. Fair Value Measurements**

The Company's estimates of fair value for financial assets and liabilities are based on the framework established in the fair value accounting guidance included in ASC 820, *Fair Value Measurements and Disclosures*. The framework prioritizes the inputs, which refer broadly to assumptions market participants would use in pricing an asset or liability, into three levels.

The Company considers prices for actively traded securities to be derived based on quoted prices in an active market for identical assets, which are Level 1 inputs in the fair value hierarchy. The majority of these securities are valued using prices supplied by index providers.

The Company considers prices for other securities that may not be as actively traded which are priced via pricing services, index providers, vendors and broker-dealers, or with reference to interest rates and yield curves, to be derived based on inputs that are observable for the asset, either directly or indirectly, which are Level 2 inputs in the fair value hierarchy. The majority of these securities are also valued using prices supplied by index providers.

The Company considers securities, other financial instruments and derivative insurance contracts subject to fair value measurement whose valuation is derived by internal valuation models to be based largely on unobservable inputs, which are Level 3 inputs in the fair value hierarchy.

The following tables present the level within the fair value hierarchy at which the Company's financial assets and liabilities are measured on a recurring basis as at March 31, 2017 and December 31, 2016:

	As at March 31, 2017			
	Level 1	Level 2	Level 3	Total
	(\$ in millions)			
<b>Available for sale financial assets, at fair value</b>				
U.S. government	\$ 1,267.1	\$ —	\$ —	\$ 1,267.1
U.S. agency	—	107.4	—	107.4
Municipal	—	24.4	—	24.4
Corporate	—	2,587.7	—	2,587.7
Non-U.S. government-backed corporate	—	84.5	—	84.5
Non-U.S. government	347.8	146.4	—	494.2
Asset-backed	—	54.8	—	54.8
Non-agency commercial mortgage-backed	—	11.5	—	11.5
Agency mortgage-backed	—	1,032.8	—	1,032.8
Total fixed income securities available for sale, at fair value	1,614.9	4,049.5	—	5,664.4
Short-term investments available for sale, at fair value	131.9	31.6	—	163.5
<b>Held for trading financial assets, at fair value</b>				
U.S. government	95.4	—	—	95.4
Municipal	—	15.6	—	15.6
Corporate	—	866.2	—	866.2
Non-U.S. government	—	191.7	—	191.7
Asset-backed	—	13.4	—	13.4
Agency mortgage-backed	—	130.9	—	130.9
Total fixed income securities trading, at fair value	95.4	1,217.8	—	1,313.2
Short-term investments trading, at fair value	75.6	109.0	—	184.6
Equity investments trading, at fair value	623.6	—	—	623.6
Catastrophe bonds trading, at fair value	—	41.8	—	41.8
<b>Other financial assets and liabilities, at fair value</b>				
Derivatives at fair value — foreign exchange contracts	—	5.2	—	5.2
Liabilities under derivative contracts — foreign exchange contracts	—	(4.3)	—	(4.3)
Loan notes issued by variable interest entities, at fair value	—	—	(110.2)	(110.2)
Loan notes issued by variable interest entities, at fair value (included within accrued expenses and other payables)	—	—	(4.9)	(4.9)
Total	\$ 2,541.4	\$ 5,450.6	\$ (115.1)	\$ 7,876.9

There were no transfers between Level 1, Level 2 and Level 3 during the three months ended March 31, 2017. The Company settled \$111.2 million of Level 3 liabilities in respect of the Loan Notes issued by Silverton for the three months ended March 31, 2017. As at March 31, 2017, there were no assets classified as Level 3 and the Company's Level 3 liabilities consisted solely of the Loan Notes issued by Silverton.



	As at December 31, 2016			
	Level 1	Level 2	Level 3	Total
	(\$ in millions)			
<b>Available for sale financial assets, at fair value</b>				
U.S. government	\$ 1,206.1	\$ —	\$ —	\$ 1,206.1
U.S. agency	—	119.6	—	119.6
Municipal	—	24.4	—	24.4
Corporate	—	2,586.5	—	2,586.5
Non-U.S. government-backed corporate	—	89.8	—	89.8
Non-U.S. government	343.7	145.0	—	488.7
Asset-backed	—	63.0	—	63.0
Non-agency commercial mortgage-backed	—	12.6	—	12.6
Agency mortgage-backed	—	1,073.9	—	1,073.9
Total fixed income securities available for sale, at fair value	1,549.8	4,114.8	—	5,664.6
Short-term investments available for sale, at fair value	118.6	26.7	—	145.3
<b>Held for trading financial assets, at fair value</b>				
U.S. government	82.4	—	—	82.4
Municipal	—	15.5	—	15.5
Corporate	—	820.6	—	820.6
Non-U.S. government	—	202.8	—	202.8
Asset-backed	—	14.5	—	14.5
Agency mortgage-backed	—	129.9	—	129.9
Total fixed income securities trading, at fair value	82.4	1,183.3	—	1,265.7
Short-term investments trading, at fair value	76.1	109.3	—	185.4
Equity investments trading, at fair value	584.7	—	—	584.7
Catastrophe bonds trading, at fair value	—	42.5	—	42.5
<b>Other financial assets and liabilities, at fair value</b>				
Derivatives at fair value – foreign exchange contracts	—	7.2	—	7.2
Liabilities under derivative contracts – foreign exchange contracts	—	(18.4)	—	(18.4)
Loan notes issued by variable interest entities, at fair value	—	—	(115.0)	(115.0)
Loan notes issued by variable interest entities, at fair value (included within accrued expenses and other payables)	—	—	(108.4)	(108.4)
Total	\$ 2,411.6	\$ 5,465.4	\$ (223.4)	\$ 7,653.6

Transfers of assets into or out of a particular level are recorded at their fair values as of the end of each reporting period, consistent with the date of the determination of fair value. During the twelve months ended December 31, 2016, the Company transferred \$83.9 million of non-U.S. government securities from Level 1 to Level 2.

The Company settled \$89.3 million Level 3 liabilities in respect of the Loan Notes issued by Silverton for the twelve months ended December 31, 2016. As at December 31, 2016, there were no assets classified as Level 3 and the Company's Level 3 liabilities consisted of the Loan Notes issued by Silverton.

The following table presents a reconciliation of the beginning and ending balances for all assets and liabilities measured at fair value on a recurring basis using Level 3 inputs for the three months ended March 31, 2017 and 2016:

<u>Reconciliation of Liabilities Using Level 3 Inputs</u>	<u>Three Months Ended March 31, 2017</u>	<u>Three Months Ended March 31, 2016</u>
	(\$ in millions)	
Balance at the beginning of the period	\$ 223.4	\$ 190.6
Distributed to third party	(111.2)	(87.4)
Total change in fair value included in the statement of operations	<u>2.9</u>	<u>4.4</u>
Balance at the end of the period <sup>(1)</sup>	<u>\$ 115.1</u>	<u>\$ 107.6</u>

<sup>(1)</sup> The amount classified within accrued expenses and other payables was \$4.9 million and \$3.1 million as at March 31, 2017 and March 31, 2016, respectively.

*Valuation of Fixed Income Securities.* The Company's fixed income securities are classified as either available for sale or trading and carried at fair value. As at March 31, 2017 and December 31, 2016, the Company's fixed income securities were valued by pricing services, index providers or broker-dealers using standard market conventions. The market conventions utilize market quotations, market transactions in comparable instruments and various relationships between instruments including, but not limited to, yield to maturity, dollar prices and spread prices in determining value.

*Independent Pricing Services and Index Providers.* The underlying methodology used to determine the fair value of securities in the Company's available for sale and trading portfolios by the pricing services and index providers the Company uses is very similar. Pricing services will gather observable pricing inputs from multiple external sources, including buy and sell-side contacts and broker-dealers, in order to develop their internal prices. Index providers are those firms which provide prices for a range of securities within one or more asset classes, typically using their own in-house market makers (traders) as the primary pricing source for the indices, although ultimate valuations may also rely on other observable data inputs to derive a dollar price for all index-eligible securities. Index providers without in-house trading desks will function similarly to a pricing service in that they will gather their observable pricing inputs from multiple external sources. All prices for the Company's securities attributed to index providers are for an individual security within the respective indices.

Pricing services and index providers provide pricing for less complex, liquid securities based on market quotations in active markets. Pricing services and index providers supply prices for a broad range of securities including those for actively traded securities, such as Treasury and other Government securities, in addition to those that trade less frequently or where valuation includes reference to credit spreads, pay down and pre-pay features and other observable inputs. These securities include Government Agency, Municipals, Corporate and Asset-Backed Securities.

For securities that may trade less frequently or do not trade on a listed exchange, these pricing services and index providers may use matrix pricing consisting of observable market inputs to estimate the fair value of a security. These observable market inputs include: reported trades, benchmark yields, broker-dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers, reference data, and industry and economic factors. Additionally, pricing services and index providers may use a valuation model such as an option adjusted spread model commonly used for estimating fair values of mortgage-backed and asset-backed securities. Neither the Company, nor its index providers, derives dollar prices using an index as a pricing input for any individual security.

*Broker-Dealers.* The Company obtains quotes from broker-dealers who are active in the corresponding markets when prices are unavailable from independent pricing services or index providers. Generally, broker-dealers value securities through their trading desks based on observable market inputs. Their pricing methodologies include mapping securities based on trade data, bids or offers, observed spreads and performance of newly issued securities. They may also establish pricing through observing secondary trading of similar securities.

The Company obtains prices for all of its fixed income investment securities via its third-party accounting service provider, and in the majority of cases receiving a number of quotes so as to obtain the most comprehensive information available to determine a security's fair value. A single valuation is applied to each security based on the vendor hierarchy maintained by the Company's third-party accounting service provider.

As at March 31, 2017, the Company obtained an average of 2.3 quotes per fixed income investment, compared to 2.1 quotes as at December 31, 2016. Pricing sources used in pricing fixed income investments as at March 31, 2017 and December 31, 2016 were as follows:

	As at March 31, 2017	As at December 31, 2016
Index providers	87%	87%
Pricing services	7	7
Broker-dealers	6	6
Total	100%	100%

*Summary Pricing Information Table.* A summary of securities priced using pricing information from index providers as at March 31, 2017 and December 31, 2016 is provided below:

	As at March 31, 2017		As at December 31, 2016	
	Fair Market Value Determined using Prices from Index Providers	% of Total Fair Value by Security Type	Fair Market Value Determined using Prices from Index Providers	% of Total Fair Value by Security Type
	(\$ in millions, except for percentages)			
U.S. government	\$ 1,361.1	100%	\$ 1,288.2	100%
U.S. agency	98.3	92%	110.2	92%
Municipal	28.7	72%	28.8	72%
Corporate	3,326.0	96%	3,275.3	96%
Non-U.S. government-backed corporate	39.6	47%	44.8	50%
Non-U.S. government	424.2	68%	455.6	72%
Asset-backed	30.4	45%	32.1	41%
Non-agency commercial mortgage-backed	11.5	100%	12.5	98%
Agency mortgage-backed	661.2	57%	691.9	58%
Total fixed income securities	\$ 5,981.0	87%	\$ 5,939.4	87%
Equities	622.0	100%	584.7	100%
Total fixed income securities and equity investments	\$ 6,603.0	88%	\$ 6,524.1	88%

The Company, in conjunction with its third-party accounting service provider, obtains an understanding of the methods, models and inputs used by the third-party pricing service and index providers to assess the ongoing appropriateness of vendors' prices. The Company and its third-party accounting service provider also have controls in place to validate that amounts provided represent fair values. Processes to validate and review pricing include, but are not limited to:

- quantitative analysis (e.g., comparing the quarterly return for each managed portfolio to its target benchmark, with significant differences identified and investigated);
- comparison of market values obtained from pricing services, index providers and broker-dealers against alternative price sources for each security where further investigation is completed when significant differences exist for pricing of individual securities between pricing sources;
- initial and ongoing evaluation of methodologies used by outside parties to calculate fair value; and
- comparison of the fair value estimates to the Company's knowledge of the current market.

Prices obtained from pricing services, index providers and broker-dealers are not adjusted by us; however, prices provided by a pricing service, index provider or broker-dealer in certain instances may be challenged based on market or information available from internal sources, including those available to the Company's third-party investment accounting service provider. Subsequent to any challenge, revisions made by the pricing service, index provider or broker-dealer to the quotes are supplied to the Company's investment accounting service provider.

Management reviews the vendor hierarchy maintained by the Company's third-party accounting service provider in order to determine which price source provides the most appropriate fair value (i.e., a price obtained from a pricing service with more seniority in the hierarchy will be used over a less senior one in all cases). The hierarchy level assigned to each security in the Company's available for sale and trading portfolios is based upon its assessment of the transparency and reliability of the inputs

used in the valuation as of the measurement date. The hierarchy of index providers and pricing services is determined using various qualitative and quantitative points arising from reviews of the vendors conducted by the Company's third-party accounting service provider. Vendor reviews include annual onsite due diligence meetings with index providers and pricing services vendors covering valuation methodology, operational walkthroughs and legal and compliance updates. Index providers are assigned the highest priority in the pricing hierarchy due primarily to availability and reliability of pricing information.

*Fixed Income Securities.* The Company's fixed income securities are traded on the over-the-counter ("OTC") market based on prices provided by one or more market makers in each security. Securities such as U.S. Government, U.S. Agency, Non-U.S. Government and investment grade corporate bonds have multiple market makers in addition to readily observable market value indicators such as expected credit spread, except for Treasury securities, over the yield curve. The Company uses a variety of pricing sources to value fixed income securities including those securities that have pay down/prepay features such as mortgage-backed securities and asset-backed securities in order to ensure fair and accurate pricing. The fair value estimates for the investment grade securities in the Company's portfolio do not use significant unobservable inputs or modeling techniques.

*U.S. Government and Agency.* U.S. government and agency securities consist primarily of bonds issued by the U.S. Treasury and corporate debt issued by agencies such as the Federal National Mortgage Association ("FNMA"), the Federal Home Loan Mortgage Corporation ("FHLMC") and the Federal Home Loan Bank. As the fair values of U.S. Treasury securities are based on unadjusted market prices in active markets, they are classified within Level 1. The fair values of U.S. government agency securities are priced using the spread above the risk-free yield curve. As the yields for the risk-free yield curve and the spreads for these securities are observable market inputs, the fair values of U.S. government agency securities are classified within Level 2.

*Municipals.* The Company's municipal portfolio comprises bonds issued by U.S. domiciled state and municipality entities. The fair value of these securities is determined using spreads obtained from broker-dealers, trade prices and the new issue market which are Level 2 inputs in the fair value hierarchy. Consequently, these securities are classified within Level 2.

*Foreign Government.* The issuers for securities in this category are non-U.S. governments and their agencies. The fair values of certain non-U.S. government bonds, primarily sourced from international indices, are based on unadjusted market prices in active markets and are therefore classified within Level 1. The remaining non-U.S. government bonds are classified within level 2 as they are not actively traded. The fair values of the non-U.S. agency securities, again primarily sourced from international indices, are priced using the spread above the risk-free yield curve. As the yields for the risk-free yield curve and the spreads for these securities are observable market inputs, the fair values of non-U.S. agency securities are classified within Level 2. In addition, foreign government securities include a portion of the Emerging Market Debt ("EMD") portfolio which is also classified within Level 2.

*Corporate.* Corporate securities consist primarily of U.S. and foreign corporations covering a variety of industries and are for the most part priced by index providers and pricing vendors. Some issuers may participate in government programs which guarantee timely payment of principal and interest in the event of a default. The fair values of these securities are generally determined using the spread above the risk-free yield curve. Inputs used in the evaluation of these securities include credit data, interest rate data, market observations and sector news, broker-dealer quotes and trade volumes. In addition, corporate securities include a portion of the EMD portfolio. The Company classifies all of these securities within Level 2.

*Mortgage-backed Securities.* The Company's residential and commercial mortgage-backed securities consist of bonds issued by the Government National Mortgage Association, the FNMA and the FHLMC as well as private non-agency issuers. The fair values of these securities are determined through the use of a pricing model (including Option Adjusted Spread) which uses prepayment speeds and spreads to determine the appropriate average life of the mortgage-backed security. These spreads are generally obtained from broker-dealers, trade prices and the new issue market. As the significant inputs used to price mortgage-backed securities are observable market inputs, these securities are classified within Level 2.

*Asset-backed Securities.* The underlying collateral for the Company's asset-backed securities consists mainly of student loans, automobile loans and credit card receivables. These securities are primarily priced by index providers and pricing vendors. Inputs to the valuation process include broker-dealer quotes and other available trade information, prepayment speeds, interest rate data and credit spreads. The Company classifies these securities within Level 2.

*Short-term Investments.* Short-term investments comprise highly liquid debt securities with a maturity greater than three months but less than one year from the date of purchase. Short-term investments are valued in a manner similar to the Company's fixed maturity investments and are classified within Levels 1 and 2.

*Equity Securities.* Equity securities include U.S. and foreign common stocks and are classified as trading and carried at fair value. These securities are classified within Level 1 as their fair values are based on quoted market prices in active markets from independent pricing sources. As at March 31, 2017, the Company obtained an average of 4.0 quotes per equity investment, compared to 3.9 quotes as at December 31, 2016. Pricing sources used in pricing equities as at March 31, 2017 and December 31, 2016 were all provided by index providers.

**Catastrophe Bonds.** Catastrophe bonds held by the Company are variable rate fixed income instruments with redemption values adjusted based on the occurrence of a covered event, usually windstorms and earthquakes. These bonds have been classified as trading and carried at fair value. Bonds are priced using an average of multiple broker-dealer quotes and, as such, are classified as Level 2.

**Foreign Exchange Contracts.** The foreign exchange contracts which the Company uses to mitigate currency risk are characterized as OTC due to their customized nature and the fact that they do not trade on a major exchange. These instruments trade in a deep liquid market, providing substantial price transparency and accordingly are classified as Level 2.

**Loan Notes Issued by Silverton.** Silverton, a licensed special purpose insurer, is consolidated into the Company's group accounts as a VIE. In the fourth quarter of 2014, Silverton issued an additional \$85.0 million (\$70.0 million third-party funded) of Loan Notes with a maturity date of September 18, 2017. In the fourth quarter of 2015, Silverton issued an additional \$125.0 million (\$100.0 million third-party funded) of Loan Notes with a maturity date of September 17, 2018. In the fourth quarter of 2016, Silverton issued an additional \$130.0 million (\$105.0 million third-party funded) of Loan Notes with a maturity date of September 16, 2019. The Company elected to account for the Loan Notes at fair value using the guidance as prescribed under ASC 825, *Financial Instruments* as the Company believes it represents the most meaningful measurement basis for these liabilities. The Loan Notes are recorded at fair value at each reporting period and, as they are not quoted on an active market and contain significant unobservable inputs, they have been classified as a Level 3 instrument in the Company's fair value hierarchy. The Loan Notes are unique because they are linked to the specific risks of the Company's property catastrophe book.

To determine the fair value of the Loan Notes the Company runs an internal model which considers the seasonality of the risk assumed under the retrocessional agreement between Aspen Bermuda or Aspen Bermuda and Aspen U.K., as ceding reinsurers, and Silverton. The seasonality used in the model is initially determined by applying the percentage of property catastrophe losses planned by the Company's actuaries to the estimated written premium to determine earned premium for each quarter. The inputs to the internal model are based on Company specific data due to the lack of observable market inputs. Reserves for losses are the most significant unobservable input. An increase in reserves for losses would normally result in a decrease in the fair value of the Loan Notes while a decrease in reserves would normally result in an increase in the fair value of the Loan Notes. The observable and unobservable inputs used to determine the fair value of the Loan Notes as at March 31, 2017 and December 31, 2016 are presented in the tables below:

As at March 31, 2017	Fair Value Level 3	Valuation Method	Observable (O) and Unobservable (U) inputs	Low	High
	(\$ in millions)			(\$ in millions)	
Loan Notes	\$ 115.1 (1)	Internal Valuation Model	Gross premiums written (O)	\$ 31.1	\$ 35.9
			Reserve for losses (U)	\$ 0.3	\$ 2.8
			Contract period (O)	N/A	365 days
			Initial value of issuance (O)	\$ 325.0	\$ 325.0
As at December 31, 2016	Fair Value Level 3	Valuation Method	Observable (O) and Unobservable (U) inputs	Low	High
	(\$ in millions)			(\$ in millions)	
Loan Notes	\$ 223.4 (1)	Internal Valuation Model	Gross premiums written (O)	\$ 38.9	\$ 43.4
			Reserve for losses (U)	\$ 2.7	\$ 11.8
			Contract period (O)	N/A	365 days
			Initial value of issuance (O)	\$ 220.0	\$ 220.0

(1) The amount classified within accrued expenses and other payables was \$4.9 million and \$108.4 million as at March 31, 2017 and December 31, 2016, respectively.

The observable and unobservable inputs represent the potential variation around the inputs used in the internal model. The contract period is defined in the respective Loan Notes agreements and the initial value represents the funds received from third parties.

## 9. Reinsurance

The Company purchases retrocession and reinsurance to limit and diversify the Company's risk exposure and increase its own insurance and reinsurance underwriting capacity. These agreements provide for recovery of a portion of losses and loss adjustment expenses from reinsurers. As is the case with most reinsurance contracts, the Company remains liable to the extent that reinsurers do not meet their obligations under these agreements and therefore, in line with its risk management objectives, the Company evaluates the financial condition of its reinsurers and monitors concentrations of credit risk. The largest concentrations

of un-collateralized reinsurance recoverables for unpaid losses as at March 31, 2017 were 17.0% (December 31, 2016 — 16.8%) with Munich Re which is rated AA- by S&P, 10.4% (December 31, 2016 — 12.8%) with Lloyd's syndicates which are rated A+ by S&P and 5.8% (December 31, 2016 — 6.5%) with Arch Re which is rated A+ by S&P.

## 10. Derivative Contracts

The following tables summarize information on the location and amounts of derivative fair values on the consolidated balance sheet as at March 31, 2017 and December 31, 2016:

Derivatives Not Designated as Hedging Instruments Under ASC 815	Balance Sheet Location	As at March 31, 2017		As at December 31, 2016	
		Notional Amount	Fair Value	Notional Amount	Fair Value
		(\$ in millions)		(\$ in millions)	
Foreign Exchange Contracts	Derivatives at Fair Value	\$ 357.0	\$ 4.5	\$ 240.2	\$ 5.0
Foreign Exchange Contracts	Liabilities under Derivative Contracts	\$ 400.5	\$ (4.3)	\$ 425.4	\$ (17.7)

  

Derivatives Designated as Hedging Instruments Under ASC 815	Balance Sheet Location	As at March 31, 2017		As at December 31, 2016	
		Notional Amount	Fair Value	Notional Amount	Fair Value
		(\$ in millions)		(\$ in millions)	
Foreign Exchange Contracts	Liabilities under Derivative Contracts	\$ —	\$ —	\$ 108.6	\$ (0.7)
Foreign Exchange Contracts	Derivatives at Fair Value	\$ 81.9	\$ 0.7 <sup>(1)</sup>	\$ —	\$ 2.2

<sup>(1)</sup> Net of \$Nil cash collateral (December 31, 2016 — \$2.2 million).

The following tables provide the unrealized and realized gains/(losses) recorded in the statement of operations for the three months ended March 31, 2017 and 2016:

Derivatives Not Designated as Hedging Instruments Under ASC 815	Location of Income/(Loss) Recognized in the Statement of Operations and Other Comprehensive Income	Amount of Income/(Loss) Recognized in the Statement of Operations and Other Comprehensive Income for the Three Months Ended	
		March 31, 2017	March 31, 2016
		(\$ in millions)	
Foreign Exchange Contracts	Change in Fair Value of Derivatives	\$ 3.1	\$ (4.4)
Interest Rate Swaps	Change in Fair Value of Derivatives	\$ —	\$ (2.8)

  

Derivatives Designated as Hedging Instruments Under ASC 815	Location of Income/(Loss) Recognized in the Statement of Operations and Other Comprehensive Income	Amount of Income/(Loss) Recognized in the Statement of Operations and Other Comprehensive Income for the Three Months Ended	
		March 31, 2017	March 31, 2016
		(\$ in millions)	
Foreign Exchange Contracts	General, administrative and corporate expenses	\$ 0.3	\$ (1.1)
Foreign Exchange Contracts	Net change from current period hedged transactions	\$ 1.3	\$ (2.1)

*Foreign Exchange Contracts.* The Company uses foreign exchange contracts to manage foreign currency risk. A foreign exchange contract involves an obligation to purchase or sell a specified currency at a future date at a price set at the time of the contract. Foreign exchange contracts will not eliminate fluctuations in the value of the Company's assets and liabilities denominated in foreign currencies but rather allow it to establish a rate of exchange for a future point in time.

As at March 31, 2017, the Company held foreign exchange contracts that were not designated as hedging under ASC 815 with an aggregate notional value of \$757.5 million (December 31, 2016 — \$665.6 million). The foreign exchange contracts are recorded as derivatives at fair value with changes recorded as a change in fair value of derivatives in the statement of operations. For the three months ended March 31, 2017, the impact of foreign exchange contracts on net income was a gain of \$3.1 million (March 31, 2016 — loss of \$4.4 million).

As at March 31, 2017, the Company held foreign exchange contracts that were designated as hedging under ASC 815 with an aggregate nominal amount of \$81.9 million (December 31, 2016 — \$108.6 million). The foreign exchange contracts are recorded as derivatives at fair value in the balance sheet with the effective portion recorded in other comprehensive income and the ineffective portion recorded as a change in fair value of derivatives in the statement of operations. The contracts are considered to be effective and therefore the movement in other comprehensive income representing the effective portion for the three months ended March 31, 2017 was a net unrealized gain of \$1.3 million (March 31, 2016 — loss of \$2.1 million).

As the foreign exchange contracts settle, the realized gain or loss is reclassified from other comprehensive income into general, administration and corporate expenses of the statement of operations and other comprehensive income. For the three months ended March 31, 2017, the amount recognized within general, administrative and corporate expenses for settled foreign exchange contracts was a realized gain of \$0.3 million (March 31, 2016 — loss of \$1.1 million).

*Interest Rate Swaps.* In 2014, the Company decided to let its interest rate program roll-off and not renew maturing positions. This decision was made after an extensive reassessment of the costs of maintaining an interest rate swap program in a steep yield curve environment. In addition, the continued uncertainty in the global economy and low inflation make it difficult to gauge the timing and speed of interest rate rises by the Federal Reserve. On May 9, 2016, the Company terminated all remaining outstanding interest rate swaps (notional value of \$256.3 million) under its International Swap Dealers Association agreement.

As at March 31, 2017, the Company no longer had outstanding interest rate swaps for a total notional amount of \$Nil (December 31, 2016 — \$Nil). For the three months ended March 31, 2017, there was no charge in respect of the interest rate swaps (March 31, 2016 — loss of \$2.8 million).

#### 11. Deferred Policy Acquisition Costs

The following table represents a reconciliation of beginning and ending deferred policy acquisition costs for the three months ended March 31, 2017 and 2016:

	Three Months Ended March 31,	
	2017	2016
	(\$ in millions)	
Balance at the beginning of the period	\$ 358.4	\$ 361.1
Acquisition costs deferred	122.8	176.8
Amortization of deferred policy acquisition costs	(113.7)	(130.2)
Balance at the end of the period	\$ 367.5	\$ 407.7

## 12. Reserves for Losses and Loss Adjustment Expenses

The following table represents a reconciliation of beginning and ending consolidated loss and loss adjustment expenses (“LAE”) reserves for the three months ended March 31, 2017 and 2016 and the twelve months ended December 31, 2016:

	Three Months Ended March 31, 2017	Three Months Ended March 31, 2016	Twelve Months Ended December 31, 2016
	(\$ in millions)		
Provision for losses and LAE at the start of the year	\$ 5,319.9	\$ 4,938.2	\$ 4,938.2
Less reinsurance recoverable	(560.7)	(354.8)	(354.8)
Net loss and LAE at the start of the year	4,759.2	4,583.4	4,583.4
Net loss and LAE expenses assumed	—	5.7	(80.1)
Provision for losses and LAE for claims incurred:			
Current year	354.4	379.0	1,705.4
Prior years	(26.2)	(21.6)	(129.3)
Total incurred	328.2	357.4	1,576.1
Losses and LAE payments for claims incurred:			
Current year	(14.8)	(8.5)	(241.0)
Prior years	(383.6)	(286.1)	(981.8)
Total paid	(398.4)	(294.6)	(1,222.8)
Foreign exchange losses/(gains)	41.1	(6.4)	(97.4)
Net losses and LAE reserves at period end	4,730.1	4,645.5	4,759.2
Plus reinsurance recoverable on unpaid losses at period end	635.8	366.0	560.7
Provision for losses and LAE at the end of the relevant period	\$ 5,365.9	\$ 5,011.5	\$ 5,319.9

For the three months ended March 31, 2017, there was a reduction of \$26.2 million in the Company’s estimate of the ultimate claims to be paid in respect of prior accident years compared to a reduction of \$21.6 million for the three months ended March 31, 2016. In the three months ended March 31, 2016, the Company assumed \$5.7 million of additional loss reserves as a result of its acquisition of AgriLogic. The Company ceded \$85.8 million of reserves as part of an adverse development cover purchased during the twelve months ended December 31, 2016 (December 31, 2015 — \$Nil). For additional information on the reserve releases, please refer to “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Reserves for Losses and Loss Adjustment Expenses” below.





<b>Reinsurance</b>								
<b>Incurred Claims, IBNR and Loss Adjustment Expenses, Net of Reinsurance</b>							<b>As at March 31, 2017</b>	
<b>Accident Year</b>	<b>For the Years Ended December 31, Unaudited Prior Years</b>						<b>Total of IBNR Plus Expected Development on Reported Claims</b>	<b>Cumulative Number of Reported Claims</b>
	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Q1 2017</b>		
\$ (in millions)								
2012	686.3	730.9	714.3	684.8	683.6	681.0	103.3	3,566
2013		569.6	561.8	540.7	515.2	510.9	108.2	3,356
2014			543.4	522.5	506.9	499.4	142.1	3,183
2015				573.5	556.2	539.9	197.0	3,088
2016					741.1	768.0	406.4	2,415
2017						176.4	141.6	849
						<u>\$ 3,175.6</u>		

**Reinsurance**  
**Cumulative Paid Claims and Allocated Loss Adjustment Expenses, Net of Reinsurance**

For the Years Ended December 31,

<b>Accident Year</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Q1 2017</b>
(\$ in millions)						
2012	62.7	245.3	357.4	410.9	454.6	471.2
2013		62.1	181.9	272.3	313.5	321.6
2014			56.3	169.8	244.9	255.7
2015				56.7	168.8	210.6
2016					124.9	177.1
2017						11.6
					<b>Total</b>	<u>\$ 1,447.8</u>
					All outstanding liabilities for 2012 and subsequent years, net of reinsurance	1,727.8
					All outstanding liabilities before 2012, net of reinsurance	710.2
					<b>Liabilities for claims and claim adjustment expenses, net of reinsurance</b>	<u>\$ 2,438.0</u>

	<b>Three Months Ended March 31, 2017</b>	
	(\$ in millions)	
Net outstanding liabilities:		
Insurance lines	\$	2,256.6
Reinsurance lines		2,438.0
Net loss and LAE		4,694.6
Reinsurance recoverable on unpaid losses:		
Insurance lines		548.4
Reinsurance lines		87.4
Total reinsurance recoverable on unpaid losses		635.8
Insurance lines other than short-duration		—
Unallocated claims incurred		40.0
Other		(4.5)
	\$	35.5
Provision for losses and LAE at the end of the period	\$	5,365.9

**Average Annual Percentage Payout of Incurred Claims by Age, Net of Reinsurance**

Years	1	2	3	4	5
Insurance	14.4%	24.5%	15.9%	12.5%	7.6%
Reinsurance	11.9%	23.1%	16.3%	7.9%	6.4%

### 13. Capital Structure

The following table provides a summary of the Company's authorized and issued share capital as at March 31, 2017 and December 31, 2016:

	As at March 31, 2017		As at December 31, 2016	
	Number	\$ in Thousands	Number	\$ in Thousands
<b>Authorized share capital:</b>				
Ordinary Shares 0.15144558¢ per share	969,629,030	1,469	969,629,030	1,469
Non-Voting Shares 0.15144558¢ per share	6,787,880	10	6,787,880	10
Preference Shares 0.15144558¢ per share	100,000,000	152	100,000,000	152
<b>Total authorized share capital</b>		<b>1,631</b>		<b>1,631</b>
<b>Issued share capital:</b>				
Issued ordinary shares of 0.15144558¢ per share	59,988,434	91	59,774,464	91
Issued 7.401% preference shares of 0.15144558¢ each with a liquidation preference of \$25 per share	—	—	5,327,500	8
Issued 7.250% preference shares of 0.15144558¢ each with a liquidation preference of \$25 per share	6,400,000	10	6,400,000	10
Issued 5.95% preference shares of 0.15144558¢ each with a liquidation preference of \$25 per share	11,000,000	17	11,000,000	17
Issued 5.625% preference shares of 0.15144558¢ each with a liquidation preference of \$25 per share	10,000,000	15	10,000,000	15
<b>Total issued share capital</b>		<b>133</b>		<b>140</b>

Additional paid-in capital as at March 31, 2017 was \$1,142.1 million (December 31, 2016 — \$1,259.6 million). Additional paid-in capital includes the aggregate liquidation preferences of the Company's preference shares of \$685.0 million (December 31, 2016 — \$818.2 million) less issue costs of \$18.7 million (December 31, 2016 — \$21.1 million).

*Ordinary Shares.* The following table summarizes transactions in the Company's ordinary shares during the three months ended March 31, 2017:

	Number of Ordinary Shares
Ordinary shares in issue as at December 31, 2016	59,774,464
<i>Ordinary share transactions in the three months ended March 31, 2017</i>	
Ordinary shares issued to employees under the 2013 share incentive plan and/or 2008 share purchase plan	207,026
Ordinary shares issued to non-employee directors	6,944
Ordinary shares repurchased	—
<b>Ordinary shares in issue as at March 31, 2017</b>	<b>59,988,434</b>

*Share Repurchase Authorization Program.* On February 8, 2017, the Company's Board of Directors approved a new share repurchase authorization program of \$250.0 million. The new share repurchase authorization program, which was effective immediately and expires on February 8, 2019, permits the Company to effect the repurchases of its ordinary shares from time to time through a combination of transactions, including open market purchases, privately negotiated transactions and accelerated share repurchase transactions.

The Company did not acquire and cancel any ordinary shares for the three months ended March 31, 2017. The Company acquired and cancelled 568,239 ordinary shares for the three months ended March 31, 2016 under open market repurchases. The total consideration paid for the three months ended March 31, 2016 was \$25.0 million and the average price per ordinary share was \$44.00.

*Preference Share Issuance and Redemption.* On September 20, 2016, the Company issued 10,000,000 shares of 5.625% Perpetual Non-Cumulative Preference Shares (the "5.625% Preference Shares"). The 5.625% Preference Shares have a liquidation preference of \$25 per share. Net proceeds were \$241.3 million, comprising \$250.0 million of total liquidation preference less \$8.7 million of issuance expenses. The Company used a portion of the net proceeds from the offering to redeem the Company's outstanding 7.401% Perpetual Non-Cumulative Preference Shares on January 3, 2017 and intends to use a portion of the net proceeds from the offering to redeem the 7.250% Perpetual Non-Cumulative Preference Shares on July 1, 2017. The 5.625%

Preference Shares rank equally with preference shares previously issued by the Company and have no fixed maturity date. The Company may redeem all or a portion of the 5.625% Preference Shares at a redemption price of \$25 per share on or after January 1, 2027. The 5.625% Preference Shares are listed on the NYSE under the symbol "AHLPRD".

#### 14. Share-Based Payments

The Company has issued options and other equity incentives under three arrangements: employee incentive plans, a non-employee director plan and employee share purchase plans. When options are exercised or other equity awards vest, new ordinary shares are issued because the Company does not currently hold treasury shares.

*Employee and Non-Employee Director Awards.* Employee options and other stock awards were granted under the Aspen 2003 Share Incentive Plan, as amended (the "2003 Share Incentive Plan"), prior to April 24, 2013 and thereafter under the 2013 Share Incentive Plan, as amended (the "2013 Share Incentive Plan"). The total number of ordinary shares that may be issued under the 2013 Share Incentive Plan is 2,845,683 ordinary shares, which includes 595,683 ordinary shares available to grant under the 2003 Share Incentive Plan as of February 25, 2013. The number of ordinary shares that may be issued under the 2013 Share Incentive Plan is adjusted per the number of awards that may be forfeited under the 2003 Share Incentive Plan. The non-employee director awards were granted under the 2006 Stock Option Plan for Non-Employee Directors prior to April 21, 2016 and thereafter under the 2016 Stock Option Plan for Non-Employee Directors, as amended (the "2016 Non-Employee Director Plan"). The total number of ordinary shares that may be issued under the 2016 Non-Employee Director Plan is 263,695.

Employee stock options are granted with an exercise price equivalent to the fair value of the ordinary share on the grant date. The weighted average value at grant date is determined using the Black-Scholes option pricing model. Stock options typically vest over a three-year period with a ten-year exercise period with vesting dependent on time and performance conditions established at the time of grant. No stock options were granted or exercised during the three months ended March 31, 2017 (2016 — Nil) and no ordinary shares were issued in the three months ended March 31, 2017 (2016 — 27,210 ordinary shares). No charges against income were made in respect of stock options for the three months ended March 31, 2017 (2016 — \$Nil).

Restricted share units ("RSUs") granted to employees typically vest over a two or three-year period subject to the employee's continued service. Some of the RSUs vest at year-end, while others vest on the anniversary of the date of grant or when the Compensation Committee of the Board of Directors agrees to deliver the RSUs. The fair value of the RSUs is based on the closing price on the date of the grant less a deduction for illiquidity, and is expensed through the income statement evenly over the vesting period. In the three months ended March 31, 2017, the Company granted 174,711 RSUs (2016 — 275,719) to its employees. Compensation costs charged against income in respect of RSUs granted to employees for the three months ended March 31, 2017 were \$2.5 million (2016 — \$2.1 million).

In the case of non-employee directors, generally one-twelfth of the RSUs vest on each one month anniversary of the date of grant, with 100% of the RSUs vesting on the first anniversary of the date of grant, or on the date of departure of a director (for the amount vested through such date). On February 8, 2017 (with a grant date of February 10, 2017), the Board of Directors approved a total of 22,230 RSUs for non-employee directors (February 8, 2016 — 24,456 RSUs) and 8,892 RSUs for the Chairman of the Board of Directors (February 8, 2016 — 10,962 RSUs). Compensation costs charged against income in respect of RSUs granted to non-employee directors for the three months ended March 31, 2017 were \$0.4 million (2016 — \$0.4 million).

The total fair value adjustment for all RSUs for the three months ended March 31, 2017 was \$Nil (2016 — \$0.4 million). The total tax credit recognized by the Company in relation to RSUs in the three months ended March 31, 2017 was \$0.6 million (2016 — \$0.5 million).

*Performance Shares.* During the three months ended March 31, 2017, the Company granted 206,073 performance shares to its employees (2016 — 278,477). The performance shares are subject to a three-year vesting period with a separate annual diluted book value per share ("BVPS") growth test for each year, adjusted to add back ordinary dividends. One-third of the grant is eligible for vesting each year based on a formula and the performance shares are only issuable at the end of the three-year period.

If the diluted BVPS growth achieved in 2017 is:

- less than 5.00%, then the portion of the performance shares subject to the vesting conditions in such year will be forfeited (i.e., one-third of the initial grant);
- between 5.00% and 10.00%, then the percentage of the performance shares eligible for vesting in such year will be between 10% and 100% on a straight-line basis; or
- between 10.00% and 20.00%, then the percentage of the performance shares eligible for vesting in such year will be between 100% and 200% on a straight-line basis.

In calculating BVPS for 2017, the entire movement in AOCI will be excluded. Interest rate movements and credit spread movements in AOCI can be fairly significant and impact growth in BVPS which management does not have any control over. The

Compensation Committee will review the impact of any capital management actions undertaken during 2017, including share repurchases and special dividends, and consider whether any further adjustments to growth in BVPS should be made in the context of such actions. The calculation of BVPS for 2017 will likewise exclude all transactional expenses incurred in connection with any transaction which, if consummated, would result in a change in control, including without limitation the cost of defending against any such transaction and any third-party legal and advisory costs. The calculation of BVPS for 2017 will likewise exclude the impact of amortization of goodwill/intangibles resulting from any corporate acquisitions. The Compensation Committee believes that it would not be appropriate for employees' performance-related compensation to be impacted by these costs.

The Compensation Committee will determine the vesting conditions for the 2018 and 2019 portions of the grant in such years taking into consideration the market conditions and the Company's business plans at the commencement of the years concerned. Notwithstanding the vesting criteria for each given year, if the shares eligible for vesting in 2018 and 2019 are greater than 100% for the portion of such year's grant and the average diluted BVPS growth over such year and the preceding year is less than the average of the minimum vesting thresholds for such year and the preceding year, then only 100% (and no more) of the ordinary shares that are eligible for vesting in such year shall vest. Notwithstanding the foregoing, if in the judgment of the Compensation Committee the main reason for the BVPS metric in the earlier year falling below the minimum threshold is due to the impact of rising interest rates and bond yields, then the Compensation Committee may, in its discretion, disapply this limitation on 100% vesting.

The fair value of performance share awards is based on the value of the closing ordinary share price on the date of the grant less a deduction for illiquidity and expected dividends which would not accrue during the vesting period. Compensation costs charged against income in the three months ended March 31, 2017 in respect of performance shares were \$2.7 million (2016 — \$1.6 million). The total tax recognized by the Company in relation to performance shares in the three months ended March 31, 2017 was a tax credit of \$0.5 million (2016 — \$0.4 million).

*Phantom Shares.* During the three months ended March 31, 2017, the Compensation Committee approved the grant of 174,284 phantom shares to its employees (2016 — 146,357). The phantom shares are subject to a three-year vesting period with a separate annual diluted BVPS growth test for each year, in accordance with the test described above for the 2017 performance shares, with the difference being that any vested amount is paid in cash in lieu of ordinary shares. As ordinary shares are not issued, the phantom shares have no dilutive effect.

The fair value of the phantom shares is based on the closing ordinary share price on the date of the grant less a deduction for illiquidity. The fair value is expensed through the consolidated income statement evenly over the vesting period, but as the payment to beneficiaries will ultimately be in cash rather than ordinary shares, an adjustment is required each quarter to revalue the accumulated liability to the balance sheet date fair value. Compensation costs charged against income in the three months ended March 31, 2017 in respect of phantom shares were \$2.2 million (2016 — \$0.4 million) with a fair value adjustment for the three months ended March 31, 2017 of \$Nil (2016 — \$1.0 million). The total tax credit recognized by the Company in relation to phantom shares in the three months ended March 31, 2017 was \$0.4 million (2016 — \$0.2 million).

*Employee Share Purchase Plans.* On April 30, 2008, the shareholders of the Company approved the Employee Share Purchase Plan, the 2008 Sharesave Scheme and the International Employee Share Purchase Plan (collectively, the "ESPP"), which are implemented by a series of consecutive offering periods as determined by the Board of Directors. In respect of the Employee Share Purchase Plan and the International Employee Share Purchase Plan, employees can save up to \$500 per month over a two-year period, at the end of which they are eligible to purchase the Company's ordinary shares at a discounted price. In respect of the 2008 Sharesave Scheme, employees can save up to £500 per month over a three-year period, at the end of which they are eligible to purchase the Company's ordinary shares at a discounted price. Employees can purchase the Company's ordinary shares at a discounted price equivalent to eighty-five percent (85%) of the fair market value of the ordinary shares on the offering date which may be adjusted upon changes in capitalization of the Company. Under the ESPP, 2,310 ordinary shares were exercised and issued during the three months ended March 31, 2017 (2016 — 525 shares). Compensation costs charged against income in the three months ended March 31, 2017 in respect of the ESPP were \$0.2 million (2016 — \$0.3 million).

## 15. Intangible Assets and Goodwill

The following table provides a summary of the Company's intangible assets for the three months ended March 31, 2017 and 2016:

	Three Months Ended March 31, 2017				Three Months Ended March 31, 2016			
	Beginning of the Period	Additions	Amortization	End of the Period	Beginning of the Period	Additions	Amortization	End of the Period
	(\$ in millions)				(\$ in millions)			
<b>Intangible Assets</b>								
Trade Mark	\$ 6.6	—	\$ (0.2)	\$ 6.4	\$ 1.6	\$ 4.0	\$ (0.1)	\$ 5.5
Insurance Licenses	16.7	—	—	16.7	16.6	—	—	16.6
Agency Relationships	26.2	—	(0.4)	25.8	—	25.0	(0.4)	24.6
Non-compete Agreements	3.3	—	(0.2)	3.1	—	2.9	(0.1)	2.8
Value of Business Acquired	—	—	—	—	—	1.8	—	1.8
Consulting Relationships	0.9	—	—	0.9	—	1.0	(0.1)	0.9
Goodwill	24.2	1.8	—	26.0	—	22.1	—	22.1
Renewal Rights	1.7	—	(0.1)	1.6	—	—	—	—
<b>Total</b>	<u>\$ 79.6</u>	<u>\$ 1.8</u>	<u>\$ (0.9)</u>	<u>\$ 80.5</u>	<u>\$ 18.2</u>	<u>\$ 56.8</u>	<u>\$ (0.7)</u>	<u>\$ 74.3</u>

### AgriLogic

On January 19, 2016, Aspen U.S. Holdings acquired 100% of the equity voting interest of AgriLogic, a specialist U.S. crop managing general agency business with an integrated agricultural consultancy, for an initial purchase price of \$53.0 million. In addition, the Company recognized \$14.1 million of contingent consideration, with a total maximum payable of \$22.8 million, subject to the future performance of the business and \$2.0 million of ceding commission. The total consideration for the acquisition was \$69.1 million.

A significant proportion of the acquired business was represented by intangible assets, specifically \$25.0 million for agency relationships, \$4.0 million for the right to use the AgriLogic trademark, \$2.9 million for non-compete agreements, \$1.8 million for the value of business acquired and \$1.0 million for consultancy relationships. In addition, \$12.0 million of software was acquired and is recognized in the balance sheet under office properties and equipment along with \$0.3 million of residual net assets. The total net assets acquired of \$47.0 million resulted in the Company recognizing a total of \$22.1 million in goodwill for the acquisition of AgriLogic. \$34.0 million of intangible assets and \$21.0 million of goodwill are eligible for tax deduction over the next 15 years.

*License to use the "AgriLogic" Trademark.* The Company acquired the right to use the AgriLogic trademark in the United States. The Company valued the trademark at \$4.0 million with an estimated economic useful life of 10 years. The Company will amortize the estimated value of the trademark over its estimated useful life.

*Agency Relationships.* The Company valued the agency relationships at \$25.0 million with an estimated economic useful life of 15 years. The Company will amortize the estimated value of the agency relationships over their estimated useful life.

*Non-compete Agreements.* The Company valued the non-compete agreements at \$2.9 million with an estimated economic useful life of 5 years. The Company will amortize the estimated value of the non-compete agreements over their estimated useful life.

*Value of Business Acquired.* The Company recognized a \$1.8 million asset for value of business acquired ("VOBA") consisting of the inforce unearned premium reserve and claims reserves at fair value. The Company will amortize the VOBA in line with the unwinding of the acquired unearned premium balances and loss reserves. Given the short tail nature of AgriLogic's business, the VOBA was fully amortized in 2016.

*Consulting Relationships.* The Company valued the consulting relationships at \$1.0 million with an estimated economic useful life of 10 years. The Company will amortize the estimated value of the consulting relationships over their estimated useful life.

*Goodwill.* The Company valued the goodwill at \$22.1 million. The goodwill is deemed to have an indefinite useful life and will be assessed for impairment annually.

## Blue Waters

On October 31, 2016, Acorn acquired 100% of the equity voting interest of Blue Waters, a specialist marine insurance agency. The total consideration for the acquisition was \$8.0 million.

A significant proportion of the acquired business was represented by intangible assets, specifically \$3.1 million for agency relationships, \$1.5 million for the right to use the Blue Waters trademark, \$1.0 million for non-compete agreements and \$0.05 million for the value of trading licenses. In addition, \$0.3 million of residual net assets were acquired. The total net assets acquired of \$5.75 million resulted in the Company recognizing a total of \$2.1 million in goodwill for the acquisition of Blue Waters.

*Agency Relationships.* The Company valued the agency relationships at \$3.1 million with an estimated economic useful life of 5 years. The Company will amortize the estimated value of the agency relationships over their estimated useful life.

*License to use the "Blue Waters" Trademark.* The Company acquired the right to use the Blue Waters trademark in the United States. The Company valued the trademark at \$1.5 million with an estimated economic useful life of 5 years. The Company will amortize the estimated value of the trademark over its estimated useful life.

*Non-compete Agreements.* The Company valued the non-compete agreements at \$1.0 million with an estimated economic useful life of 5 years. The Company will amortize the estimated value of the non-compete agreements over their estimated useful life.

*Insurance Licenses.* The Company valued the insurance licenses at \$0.05 million. The insurance licenses are considered to have an indefinite useful life and are not amortized. The licenses are tested annually for impairment.

*Goodwill.* The Company valued the goodwill at \$2.1 million. The goodwill is deemed to have an indefinite useful life and will be assessed for impairment annually.

## Other Intangible Assets

*Renewal Rights.* On September 22, 2016, the Company entered into a renewal rights agreement with Liberty Specialty Markets Limited ("LSML"). The Company valued the renewal rights at \$1.9 million with an estimated economic useful life of 5 years. The Company will amortize the estimated value of the renewal rights over the estimated useful life.

In addition to the intangible assets and goodwill associated with the AgriLogic acquisition and the renewal rights agreement with LSML, the Company has the following intangible assets from prior transactions.

*License to use the "Aspen" Trademark.* On April 5, 2005, the Company entered into an agreement with Aspen (Actuaries and Pension Consultants) Plc to acquire the right to use the Aspen trademark in the United Kingdom. The consideration paid was approximately \$1.6 million. As at March 31, 2017, the value of the license to use the Aspen trademark was \$1.6 million (December 31, 2016 — \$1.6 million). The trademark has an indefinite useful life and is tested for impairment annually or when events or changes in circumstances indicate that the asset might be impaired.

*Insurance Licenses.* The total value of the Company's licenses as at March 31, 2017 was \$16.6 million (December 31, 2016 — \$16.6 million). This includes \$10.0 million of acquired licenses held by AAIC, \$4.5 million of acquired licenses held by Aspen Specialty and \$2.1 million of acquired licenses held by Aspen U.K. The insurance licenses are considered to have an indefinite life and are not amortized. The licenses are tested for impairment annually or when events or changes in circumstances indicate that the asset might be impaired.

*Goodwill.* On January 1, 2017, the Company purchased through its wholly-owned subsidiary, Acorn Limited, a 49% share of Digital Re. The Company valued the goodwill at \$1.8 million. The goodwill is deemed to have an indefinite useful life and will be assessed for impairment annually under the provisions of ASC 323-10-35.

## 16. Commitments and Contingent Liabilities

### (a) Restricted assets

The Company is obliged by the terms of its contractual obligations to specific policyholders and by obligations to certain regulatory authorities to facilitate issue of letters of credit or maintain certain balances in deposits and trust funds for the benefit of policyholders.



The following table details the forms and value of the Company's restricted assets as at March 31, 2017 and December 31, 2016:

	As at March 31, 2017	As at December 31, 2016
	(\$ in millions, except percentages)	
Regulatory trusts and deposits:		
Affiliated transactions	\$ 1,355.4	\$ 1,482.8
Third party	2,364.1	2,380.8
Letters of credit / guarantees	685.8	672.1
Total restricted assets	<u>\$ 4,405.3</u>	<u>\$ 4,535.7</u>
Total as percent of investable assets <sup>(1)</sup>	<u>49.6%</u>	<u>49.3%</u>

<sup>(1)</sup> Investable assets comprise total investments, cash and cash equivalents, accrued interest, receivables for securities sold and payables for securities purchased.

*Funds at Lloyd's.* AUL operates at Lloyd's as the corporate member for Syndicate 4711. Lloyd's determines Syndicate 4711's required regulatory capital principally through the syndicate's annual business plan. Such capital, called Funds at Lloyd's, consists of investable assets as at March 31, 2017 in the amount of \$449.8 million (December 31, 2016 — \$447.3 million).

The amounts provided as Funds at Lloyd's are drawn upon and become a liability of the Company in the event Syndicate 4711 declares a loss at a level that cannot be funded from other resources, or if Syndicate 4711 requires funds to cover a short term liquidity gap. The amount which the Company provides as Funds at Lloyd's is not available for distribution to the Company for the payment of dividends. Aspen Managing Agency Limited, the managing agent to Syndicate 4711, is also required by Lloyd's to maintain a minimum level of capital which as at March 31, 2017 was £0.4 million (December 31, 2016 — £0.4 million). This is not available for distribution by the Company for the payment of dividends.

*Credit Facility.* On March 27, 2017, Aspen Holdings and certain of its direct or indirect subsidiaries (collectively, the "Borrowers") entered into a Second Amended and Restated Credit Agreement (the "Credit Agreement") with various lenders and Barclays Bank plc, as administrative agent, which amends and restates the Amended and Restated Credit Agreement, dated as of June 12, 2013, among the Company, certain subsidiaries thereof, various lenders and Barclays Bank plc, as administrative agent. The credit facility will be used by the Borrowers to finance the working capital needs of the Company and its subsidiaries, for letters of credit in connection with the insurance and reinsurance businesses of the Company and its subsidiaries and for other general corporate purposes. Initial availability under the credit facility is \$200,000,000 and the Company has the option (subject to obtaining commitments from acceptable lenders) to increase the credit facility by up to \$100,000,000. The credit facility will expire on March 27, 2022.

As at March 31, 2017, no borrowings were outstanding under the Credit Agreement. The fees and interest rates on the loans and the fees on the letters of credit payable by the Borrowers under the Credit Agreement are based upon the credit ratings for the Company's long-term unsecured senior debt by Standard & Poor's Ratings Services and Moody's Investors Service, Inc. In addition, the fees for a letter of credit vary based upon whether the applicable Borrower has provided collateral (in the form of cash or qualifying debt securities) to secure its reimbursement obligations with respect to such letter of credit.

Under the Credit Agreement, the Company must not permit (a) consolidated tangible net worth to be less than approximately \$2,323,100,000 plus 25% of consolidated net income plus 25% of aggregate net cash proceeds from the issuance by the Company of its capital stock, in each case after January 1, 2017, (b) the ratio of its total consolidated debt to the sum of such debt plus its consolidated tangible net worth to exceed 35% or (c) any material insurance subsidiary to have a financial strength rating of less than B++ from A.M. Best. The Credit Agreement contains other customary affirmative and negative covenants, including (subject to various exceptions) restrictions on the ability of the Company and its subsidiaries to incur indebtedness, create or permit liens on their assets, engage in mergers or consolidations, dispose of assets, pay dividends or other distributions, purchase or redeem the Company's equity securities, make investments and enter into transactions with affiliates. In addition, the Credit Agreement has customary events of default, including (subject to certain materiality thresholds and grace periods) payment default, failure to comply with covenants, material inaccuracy of representation or warranty, bankruptcy or insolvency proceedings, change of control and cross-default to other debt agreements.

*Other Credit Facilities.* On June 30, 2016, Aspen Bermuda and Citibank Europe plc ("Citi Europe") amended the committed letter of credit facility, dated June 30, 2012, as amended on June 30, 2014 (the "LOC Facility"). The amendment to the LOC facility extends the term of the LOC Facility to June 30, 2018 and provides a maximum aggregate amount of up to \$550.0 million. Under the LOC Facility, Aspen Bermuda will pay to Citi Europe (a) a letter of credit fee based on the available amounts of each letter of credit and (b) a commitment fee, which varies based upon usage, on the unutilized portion of the LOC Facility. Aspen Bermuda will also pay interest on the amount drawn by any beneficiary under the LOC Facility at a rate per annum of LIBOR plus 1% (plus reserve asset costs, if any) from the date of drawing until the date of reimbursement by Aspen Bermuda. In addition,

Aspen Bermuda and Citi Europe entered into an uncommitted letter of credit facility whereby Aspen Bermuda has the ability to request letters of credit under this facility subject to the prior approval of Citi Europe. The fee associated with the uncommitted facility is a letter of credit fee based on the available amounts of each letter of credit issued under the uncommitted facility. Both the LOC Facility and the uncommitted facility are used to secure obligations of Aspen Bermuda to its policyholders. In addition to these facilities, we also use regulatory trusts to secure our obligations to policyholders.

The terms of a pledge agreement between Aspen Bermuda and Citi Europe (pursuant to an assignment agreement dated October 11, 2006) dated January 17, 2006, as amended, were also amended on June 30, 2014 to change the types of securities or other assets that are acceptable as collateral under the New LOC Facility. All other agreements relating to Aspen Bermuda's LOC Facility, which now apply to the New LOC Facility with Citi Europe, as previously filed with the United States Securities and Exchange Commission, remain in full force and effect. As at March 31, 2017, we had \$444.7 million of outstanding collateralized letters of credit under the New LOC Facility (December 31, 2016 — \$449.4 million under the LOC Facility).

*Interest Rate Swaps.* As at March 31, 2017, no cash collateral was held by the Company's counterparties to support the current valuation of the interest rate swaps (December 31, 2016 — \$Nil). For further information on the Company's terminated interest rate swaps, refer to Note 10 of these unaudited condensed consolidated financial statements.

**(b) Operating leases**

Amounts outstanding under operating leases net of subleases as at March 31, 2017 were:

	2017	2018	2019	2020	2021	Later Years	Total
	(\$ in millions)						
Operating Lease Obligations	\$ 10.1	\$ 15.6	\$ 14.5	\$ 13.7	\$ 9.4	\$ 80.8	\$ 144.1

**(c) Contingent liabilities**

In common with the rest of the insurance and reinsurance industry, the Company is subject to litigation and arbitration in the ordinary course of business. The Company's Operating Subsidiaries are regularly engaged in the investigation, conduct and defense of disputes, or potential disputes, resulting from questions of insurance or reinsurance coverage or claims activities. Pursuant to insurance and reinsurance arrangements, many of these disputes are resolved by arbitration or other forms of alternative dispute resolution. Such legal proceedings are considered in connection with estimating the Company's Insurance Reserves — Loss and Loss Adjustment Expenses, as provided on the Company's consolidated balance sheet.

In some jurisdictions, noticeably the U.S., a failure to deal with such disputes or potential disputes in an appropriate manner could result in an award of "bad faith" punitive damages against the Company's Operating Subsidiaries. In accordance with ASC 450-20-50-4b, for (a) reasonably possible losses for which no accrual is made because any of the conditions for accrual in ASC 450-20-25-2 are not met and (b) reasonably possible losses in excess of the amounts accrued pursuant to ASC 450-20-30-1, the Company will provide an estimate of the possible loss or range of possible loss or state that such an estimate cannot be made.

As at March 31, 2017 and December 31, 2016, based on available information, it was the opinion of the Company's management that the probability of the ultimate resolution of pending or threatened litigation or arbitrations having a material effect on the Company's financial condition, results of operations or liquidity would be remote.

## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following is a discussion and analysis of our financial condition and results of operations for the three months ended March 31, 2017 and 2016. This discussion and analysis should be read in conjunction with the unaudited condensed consolidated financial statements and related notes contained in this report and the audited consolidated financial statements and related notes for the fiscal year ended December 31, 2016, as well as the discussions of critical accounting policies, contained in our Audited Consolidated Financial Statements in our 2016 Annual Report on Form 10-K filed with the SEC.

Some of the information contained in this discussion and analysis or set forth elsewhere in this report, including information with respect to our plans and strategy for our business and in "Outlook and Trends" below, includes forward-looking statements that involve risks and uncertainties. Please see the section captioned "Cautionary Statement Regarding Forward-Looking Statements" in this report and the "Risk Factors" in Item 1A of our 2016 Annual Report on Form 10-K for more information on factors that could cause actual results to differ materially from the results described in, or implied by, any forward-looking statements contained in this discussion and analysis.

### Overview

We are a Bermuda holding company and write insurance and reinsurance business through our subsidiaries principally in Bermuda, the United Kingdom and the United States.

Key results for the three months ended March 31, 2017 include:

- Gross written premiums of \$998.0 million for the first quarter of 2017, an increase of 2.3% from the first quarter of 2016. Gross written premiums in reinsurance increased by 9.2% with increases across all reinsurance business lines. Gross written premiums in insurance decreased by 5.5% mainly due to reductions in our property and casualty insurance and marine, aviation and energy insurance lines as we have repositioned the accounts;
- There were \$29.1 million, or 5.0 combined ratio points, of pre-tax catastrophe losses net of reinsurance recoveries in the first quarter of 2017 compared with \$18.7 million, or 2.8 combined ratio points, of pre-tax catastrophe losses net of reinsurance recoveries in the first quarter of 2016;
- Net favorable development on prior year loss reserves of \$26.2 million for the first quarter of 2017 had a favorable impact of 4.5 percentage points on the combined ratio, compared with a reserve release of \$21.6 million in the first quarter of 2016, which had a favorable impact of 3.3 percentage points on the combined ratio;
- The net favorable development included \$30.5 million of adverse development in casualty reserves due to the U.K. Ministry of Justice decision to increase the discount rate used to calculate lump sum awards in U.K. bodily injury cases, known as the Odgen rate (the "Odgen rate");
- Combined ratio of 97.0% for the first quarter of 2017 compared with a combined ratio of 91.6% for the first quarter of 2016. The increase in the combined ratio was mainly due to a \$10.4 million increase in catastrophe losses, a \$14.8 million increase in non-catastrophe large losses ("large losses") and lower earned premiums due to increased ceded reinsurance, partially offset by a \$4.6 million increase in net favorable development on prior year loss reserves and lower acquisition costs due to an increase in over-rider commissions associated with increases in ceded reinsurance;
- Realized and unrealized foreign exchange losses of \$8.9 million for the first quarter of 2017 compared with losses of \$15.7 million in the first quarter of 2016 predominantly due to the continued strengthening of the U.S. Dollar;
- Realized and unrealized investment gains of \$46.2 million for the first quarter of 2017 compared with gains of \$45.0 million in the first quarter of 2016 due to mark to market changes in the valuation of our equity and fixed income trading portfolios;
- Diluted net income per ordinary share of \$1.36 for the quarter ended March 31, 2017 compared with diluted net income per ordinary share of \$1.68 for the first quarter of 2016;
- Annualized net income return on average ordinary shareholders' equity of 11.6% for the first quarter of 2017 compared with 14.4% for the first quarter of 2016; and
- Diluted book value per ordinary share<sup>(1)</sup> of \$47.89 as at March 31, 2017, up 2.5% from December 31, 2016, which includes net unrealized losses on foreign currency translation, net of taxes, and net unrealized losses on investments, net of taxes, recognized through other comprehensive income of \$12.9 million and \$2.1 million, respectively.

<sup>(1)</sup> Diluted book value per ordinary share is based on total shareholders' equity less preference shares (liquidation preference less issue expenses) and non-controlling interest, divided by the total number of issued and potentially dilutive ordinary shares at the end of the period.

Total shareholders' equity decreased by \$53.9 million to \$3,594.4 million during the three months ended March 31, 2017. The most significant movements were:

- a \$133.2 million charge to redeem 5,327,500 7.401% Perpetual Non-Cumulative Preference Shares, with a liquidation preference of \$25 per share;
- a \$9.6 million reduction in accumulated other comprehensive income mainly due to a \$12.9 million net loss in foreign currency translation; and
- a \$73.1 million increase in retained earnings for the period.

Ordinary shareholders' equity as at March 31, 2017 and December 31, 2016 was:

	As at March 31, 2017	As at December 31, 2016
	(\$ in millions, except for share amounts)	
Total shareholders' equity	\$ 3,594.4	\$ 3,648.3
Preference shares less issue expenses	(666.3)	(797.1)
Non-controlling interests	(1.5)	(1.4)
Net assets attributable to ordinary shareholders	\$ 2,926.6	\$ 2,849.8
Issued ordinary shares	59,988,434	59,774,464
Issued and potentially dilutive ordinary shares	61,106,831	61,001,071

## Outlook and Trends

Overall, the rate environment continues to pose challenges in both our reinsurance and insurance segments.

In reinsurance, the overall pace of rate reduction slowed in the first quarter although pricing remained pressured on all reinsurance lines. Overall rates in reinsurance decreased approximately 2% in the first quarter, with the largest rate decreases in property catastrophe where rates decreased by approximately 4%. With ongoing pressure in the property catastrophe market, we continued to leverage third party capital through Aspen Capital Markets to manage our net exposures. Rates in casualty insurance remained relatively flat whereas rates in specialty reinsurance and other property decreased by approximately 1% and 2%, respectively. Although there was pricing pressure on all reinsurance lines, with variations depending on geographical location and line of business, the April renewals were in line with our expectations. We continued to see positive contributions from the Middle East and Africa region following the establishment of our Dubai office in 2016 and continued traction in Asia Pacific primarily as a result of our close client relationships, cross-class collaboration and strong market position in Japan.

In insurance, overall rates decreased by approximately 1% in the first quarter, with the largest rate decreases in property and casualty lines of business. We continued to focus on areas that we believe provide the best opportunities for long-term profitable growth, such as surety, U.K. regional, professional lines, credit and political risk, and crisis management. There was continued strong performance from those areas, along with solid performance in the property and casualty lines that we repositioned in 2016. Gross written premiums decreased by approximately 6% compared to the first quarter of 2016 primarily as a result of the repositioning in our property and casualty lines and continued challenging conditions in our marine, aviation and energy sub-segment.

We are currently reviewing our operations strategy and structure to determine how they can support the delivery of our overall strategy and business plans. We believe that continued improvements to our operational processes, supported by new technology solutions, should enable us to improve our efficiency and effectiveness.

See "Cautionary Statement Regarding Forward-Looking Statements" included in this report.

## Application of Critical Accounting Policies

Our unaudited condensed consolidated financial statements are based on the selection of accounting policies and require management to make significant estimates and assumptions. Some of the more critical judgments in the areas of accounting estimates and assumptions that affect our financial condition and results of operations are related to insurance reserves, premiums receivable in respect of assumed reinsurance, the fair value of derivatives and the value of investments, including the extent of any other-than-temporary impairment. There have been no changes to significant accounting policies from those disclosed in the Company's 2016 Annual Report on Form 10-K filed with the SEC. For a detailed discussion of our critical accounting policies, please refer to Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations — Critical Accounting Policies" in our 2016 Annual Report on Form 10-K filed with the SEC and the notes to the consolidated condensed unaudited financial statements contained in this report.

## Results of Operations for the Three Months Ended March 31, 2017 Compared to the Three Months Ended March 31, 2016

The following is a discussion and analysis of our consolidated results of operations for the three months ended March 31, 2017 and 2016, starting with a summary of our consolidated results and followed by a segmental analysis.

### Total Income Statement

Our statements of operations consolidate the underwriting results of our two business segments and include certain other revenue and expense items that are not allocated to business segments.

*Gross written premiums.* Gross written premiums increased by \$22.3 million, or 2.3%, in the first quarter of 2017 compared to the first quarter of 2016.

Gross written premiums from our reinsurance segment increased by \$47.7 million, or 9.2%, in the first quarter of 2017 compared to the first quarter of 2016. The increase was largely due to growth in agriculture insurance business written within specialty reinsurance and reported percentage growth in other property reinsurance due to favorable revisions on premium estimates for proportional contracts.

Gross written premiums from our insurance segment decreased by \$25.4 million, or 5.5%, in the first quarter of 2017 compared to the first quarter of 2016 largely due to reductions in marine, aviation and energy lines where we continue to experience challenging market conditions and in property and casualty lines as a result of a change in our appetite for this type of business.

The table below shows our gross written premiums for each business segment, and the percentage change in gross written premiums for each business segment, for the three months ended March 31, 2017 and 2016:

<u>Business Segment</u>	<u>Three Months Ended</u>	<u>Three Months Ended</u>	<u>% increase/(decrease)</u>
	<u>March 31, 2017</u>	<u>March 31, 2016</u>	
	<u>(\$ in millions)</u>	<u>(\$ in millions)</u>	
Reinsurance	\$ 565.3	\$ 517.6	9.2 %
Insurance	432.7	458.1	(5.5) %
Total	<u>\$ 998.0</u>	<u>\$ 975.7</u>	2.3 %

*Ceded reinsurance.* Total reinsurance ceded in the first quarter of 2017 was \$311.8 million, an increase of \$135.8 million from the first quarter of 2016. Ceded reinsurance cost increased by \$86.8 million in our insurance segment because we restructured our ceded reinsurance arrangements as we aim to reduce earnings volatility and benefit the expense ratio through an increase in overriding commissions. Ceded reinsurance costs increased by \$49.0 million in our reinsurance segment due to increased ceded reinsurance for our property catastrophe and other property lines due to new opportunities written in conjunction with increased retrocession. The changes in our reinsurance program have reduced our retention ratio, defined as net written premium as a percentage of gross written premium, by 13.2% to 68.8% in the first quarter of 2017 compared to 82.0% in the first quarter of 2016.

*Net premiums earned.* Net premiums earned in the first quarter of 2017 decreased by 12.4% from the first quarter of 2016. Net premiums earned decreased by 1.0% and 20.7% in our reinsurance and insurance segments, respectively. The reduction in net premiums earned in our insurance segment is due to a reduction in gross written premiums and an increase in ceded reinsurance during the first quarter of 2017.

*Losses and loss adjustment expenses.* The loss ratio for the quarter increased 2.6 percentage points from 53.9% in the first quarter of 2016 to 56.5% in the first quarter of 2017. The increase was largely due to a \$10.4 million increase in catastrophe losses, a \$14.8 million increase in large losses and lower earned premiums, partially offset by a \$4.6 million increase in prior year reserve releases.

In the reinsurance segment, the loss ratio for the three months ended March 31, 2017 was 51.6% compared to 48.0% in the equivalent period in 2016. The increase in the loss ratio is mainly attributable to a \$13.9 million increase in catastrophe losses in the first quarter of 2017, partially offset by a \$3.0 million increase in prior year reserve releases. In the first quarter of 2017, we experienced \$24.6 million of natural catastrophe losses, net of reinsurance recoveries, consisting of \$7.5 million from a tornado in Mississippi, \$3.9 million from Cyclone Debbie in Australia and \$13.2 million from other weather related events. The equivalent quarter of 2016 experienced \$10.7 million of natural catastrophe losses from weather-related events in the U.S. and an earthquake in Taiwan. Reserve releases for the current quarter were a result of favorable development across all of our reinsurance business lines despite \$12.8 million of adverse development in our casualty reinsurance lines due to the U.K. Ministry of Justice decision to increase the discount rate used to calculate lump sum awards in U.K. bodily injury cases, known as the Ogden rate. The comparative period in 2016 benefited from favorable reserve development in other property, casualty and specialty reinsurance business lines.

In the insurance segment, the loss ratio for the three months ended March 31, 2017 was 61.0% compared to 58.2% in the first quarter of 2016 largely due to an increase in large losses, partially offset by a \$3.5 million reduction in catastrophe losses and a \$1.6 million increase in prior year reserve releases. The loss ratio was also adversely affected by increased ceded reinsurance costs which reduced net earned premiums in the current quarter. We experienced \$4.5 million and \$8.0 million of natural catastrophe losses due to U.S. weather-related events in the first quarters of 2017 and 2016, respectively. In the first quarter of 2016, we did not experience any significant large losses while in the current quarter we experienced a \$4.8 million loss from a refinery explosion and \$10.0 million of losses from several fires. Reserve releases increased from \$3.4 million in the first quarter of 2016 to \$5.0 million in the current period. Reserve releases in the current quarter were mainly as a result of favorable development in our marine, aviation and energy and financial and professional business lines which offset \$17.7 million of adverse development in our casualty lines due to a change in the Ogden rate. Reserve releases in the comparative quarter were principally from our marine, aviation and energy and financial and professional business lines. Further information relating to the movement of prior year reserves is found below under “Reserves for Losses and Loss Adjustment Expenses.”

We monitor the ratio of losses and LAE to net earned premium (the “loss ratio”) as a measure of relative underwriting performance where a lower ratio represents a better result than a higher ratio. The loss ratios for our two business segments for the three months ended March 31, 2017 and 2016 were as follows:

<b>Business Segment</b>	<b>Three Months Ended March 31, 2017</b>	<b>Three Months Ended March 31, 2016</b>
Reinsurance	51.6%	48.0%
Insurance	61.0%	58.2%
Total Loss Ratio	56.5%	53.9%

The tables below show our loss ratios including and excluding the impact from natural catastrophe losses to aid in the analysis of the underlying performance of our business segments. For this purpose, we have defined first quarter 2017 catastrophe losses as losses associated with the tornado in Mississippi, Cyclone Debbie in Australia and other weather related events. We have defined catastrophe losses in the first quarter of 2016 as losses associated with weather-related events in the U.S. and the Taiwan earthquake. The total loss ratio represents the calendar year U.S. GAAP loss ratio. The current year adjustments represent the effect on the loss ratio of net losses and reinstatement premiums, if any, from catastrophe loss events.

<b>For the Three Months Ended March 31, 2017</b>	<b>Total Loss Ratio</b>	<b>Current Year Adjustments</b>	<b>Loss Ratio Excluding Current Year Adjustments</b>
Reinsurance	51.6%	(8.9)%	42.7%
Insurance	61.0%	(1.5)%	59.5%
Total	56.5%	(5.0)%	51.5%

<b>For the Three Months Ended March 31, 2016</b>	<b>Total Loss Ratio</b>	<b>Current Year Adjustments</b>	<b>Loss Ratio Excluding Current Year Adjustments</b>
Reinsurance	48.0%	(3.8)%	44.2%
Insurance	58.2%	(2.1)%	56.1%
Total	53.9%	(2.8)%	51.1%

For information relating to the movement of prior year reserves, please see “Reserves for Losses and Loss Adjustment Expenses” below.

*Expense ratio.* We monitor the ratio of expenses to net earned premium (the “expense ratio”) as a measure of the cost effectiveness of our amortization of deferred policy acquisition costs, general, administrative and corporate expenses. The table below splits the net expense ratio between the amortized deferred policy acquisition costs, general, administrative and corporate expenses and the effect of reinsurance for the three months ended March 31, 2017 and 2016:

<b>Ratios Based on Gross Earned Premium</b>	<b>Three Months Ended March 31, 2017</b>			<b>Three Months Ended March 31, 2016</b>		
	<b>Reinsurance</b>	<b>Insurance</b>	<b>Total</b>	<b>Reinsurance</b>	<b>Insurance</b>	<b>Total</b>
Gross policy acquisition expense ratio	20.6%	19.0 %	19.7 %	19.9%	18.2%	18.9%
Effect of ceded reinsurance	0.8	(1.1)	(0.1)	1.3	0.3	0.7
Net policy acquisition expense ratio	21.4	17.9	19.6	21.2	18.5	19.6
Gross general and administrative expense ratio <sup>(1)</sup>	13.4	14.6	16.1	14.4	13.2	17.0
Effect of ceded reinsurance premiums	2.4%	5.8 %	4.8 %	1.3%	2.1%	1.1%
Net general and administrative expense ratio	15.8%	20.4 %	20.9 %	15.7%	15.3%	18.1%
Total net expense ratio	37.2%	38.3 %	40.5 %	36.9%	33.8%	37.7%

<sup>(1)</sup> The total group general and administrative expense ratio includes corporate expenses and non operating expenses which are not allocated to the segments.

The total policy acquisition expense ratio for the first quarter of 2017 decreased compared to the first quarter of 2016 due to a decrease in the ratio in both business segments due largely to an increase in over-rider commissions associated with increases in ceded reinsurance.

General, administrative and corporate expenses increased by \$1.5 million from \$119.8 million in the first quarter of 2016 to \$121.3 million in the first quarter of 2017. The total general, administrative and corporate expense ratio, before the effect of reinsurance, for the first quarter of 2017 has remained consistent with the first quarter 2016. The increase in the insurance segment ratio is largely due to costs associated with growth in our insurance business while the reduction in the reinsurance segment ratio is largely due to favorable movements in exchange rates applied to non-U.S. Dollar denominated expenses.

*Net investment income.* Net investment income for the first quarter of 2017 was \$47.7 million, a 3.6% decrease compared to \$49.5 million in the first quarter of 2016 due to a reduction in dividend income following the sale of portion of our equity portfolio in the fourth quarter of 2016.

*Change in fair value of derivatives.* In the three months ended March 31, 2017, we experienced a gain of \$3.1 million (2016 — loss of \$4.4 million) in respect of foreign exchange contracts not designated as hedging instruments and a gain of \$0.3 million (2016 — loss of \$1.1 million) in respect of foreign exchange contracts designated as hedging instruments. In the first quarter of 2016 we recorded a loss of \$2.8 million for the change in the fair value of interest rate swaps. There was no charge in the first quarter of 2017 because we terminated our interest rate swaps on May 9, 2016.

*Income before tax.* In the first quarter of 2017, income before tax was \$99.3 million (2016 — \$116.9 million) consisting of the amounts set out in the table below:

	<b>Three Months Ended March 31, 2017</b>	<b>Three Months Ended March 31, 2016</b>
	(\$ in millions)	
Underwriting income	\$ 33.5	\$ 72.8
Corporate expenses	(13.4)	(17.1)
Amortization and non-recurring expenses	(2.2)	—
Net other income	3.6	1.4
Net investment income	47.7	49.5
Change in fair value of derivatives	3.1	(7.2)
Change in fair value of loan notes issued by variable interest entities	(2.9)	(4.4)
Realized and unrealized investment gains	51.2	65.6
Realized and unrealized investment (losses)	(5.0)	(20.6)
Net realized and unrealized foreign exchange (losses)	(8.9)	(15.7)
Interest expense	(7.4)	(7.4)
Income before tax	<u>\$ 99.3</u>	<u>\$ 116.9</u>

*Taxes.* Income tax expense for the three months ended March 31, 2017 was \$2.8 million (2016 — \$2.5 million) equating to an estimated effective tax rate of 2.8% (2016 — 2.1%). The income tax expense for the three months ended March 31, 2017 takes into account a tax credit associated with the adoption of ASU 2016-09, “*Compensation - Stock Compensation*.” The tax rate for the three months ended March 31, 2016 benefited from an agreement with Her Majesty's Revenue and Customs (“HMRC”) regarding deductions available for certain interest payments in prior periods. The effective tax rate for the year is subject to revision in future periods if circumstances change and depends on the relative profitability of those parts of business underwritten in Bermuda (where the rate of tax on corporate profits is zero), the United Kingdom (where the corporate tax rate, effective April 1, 2017, is 19% and will be reduced to 17% effective April 1, 2020) and the United States (where the federal income tax rate is 35%).

*Net income after tax.* Net income after tax for the three months ended March 31, 2017 was \$96.5 million, equivalent to basic earnings per ordinary share of \$1.39 adjusted for the \$10.5 million preference share dividends, \$2.4 million of preference share redemption costs and \$0.1 million non-controlling interest. Fully diluted earnings per ordinary share were \$1.36 for the three months ended March 31, 2017. Net income after tax for the three months ended March 31, 2016 was \$114.4 million, equivalent to basic earnings per ordinary share of \$1.73 after deducting \$9.5 million preference share dividends and \$0.2 million non-controlling interest. Fully diluted earnings per ordinary share were \$1.68 for the three months ended March 31, 2016.



*Realized and unrealized investment gains/(losses).* Total realized and unrealized investment gains for the three months ended March 31, 2017 were \$46.2 million (2016 — gains of \$45.0 million) consisting of the amounts set out in the table below:

	<u>Three Months Ended March 31, 2017</u>	<u>Three Months Ended March 31, 2016</u>
	(\$ in millions)	
<b>Available for sale:</b>		
Fixed income securities — gross realized gains	\$ 2.2	\$ 7.1
Fixed income securities — gross realized (losses)	(1.3)	(2.4)
Short-term investments — gross realized gains	0.1	—
Short-term investments — gross realized (losses)	—	—
Cash and cash equivalents — gross realized gains	—	—
Cash and cash equivalents — gross realized (losses)	—	(0.7)
Total other-than-temporary impairments	(0.3)	—
<b>Trading:</b>		
Fixed income securities — gross realized gains	1.8	1.2
Fixed income securities — gross realized (losses)	(2.0)	(5.8)
Equity securities — gross realized gains	4.5	5.9
Equity securities — gross realized (losses)	(1.4)	(11.5)
Catastrophe bonds	—	(0.2)
Gross unrealized gain in Chasparc	1.7	—
Net change in gross unrealized gains	40.9	51.4
<b>Total realized and unrealized investment gains</b>	<u>\$ 46.2</u>	<u>\$ 45.0</u>

*Other comprehensive income.* We recorded a \$9.6 million reduction in our total other comprehensive income for the three months ended March 31, 2017 (2016 — increase of \$64.5 million), net of taxes. The reduction was mainly due to a \$12.9 million net unrealized loss in foreign currency translation (2016 — \$11.0 million net unrealized loss), offsetting a \$2.1 million net unrealized gain in the available for sale investment portfolio (2016 — \$76.9 million net unrealized gain) and a \$1.2 million net change from hedged foreign exchange contracts (2016 — \$1.4 million net change).

*Non-controlling interest.* In the three months ended March 31, 2017, we recorded an increase of \$0.1 million (2016 — \$0.2 million decrease) in the amount owed to the non-controlling interest in respect of Aspen Risk Management Limited.

*Dividends.* Dividends paid on our ordinary shares and preference shares in the three months ended March 31, 2017 were \$23.7 million (2016 — \$22.3 million). The quarterly dividend on our ordinary shares increased from \$0.22 per ordinary share to \$0.24 per ordinary share on April 26, 2017.

#### **Underwriting Results by Business Segments — First Quarter**

We are organized into two business segments: Reinsurance and Insurance. The reinsurance segment consists of property catastrophe reinsurance, other property reinsurance, casualty reinsurance and specialty reinsurance. The insurance segment consists of property and casualty insurance, marine, aviation and energy insurance and financial and professional lines insurance.

We have provided additional disclosures for corporate and other (non-underwriting) income and expenses in Note 5 of our unaudited condensed consolidated financial statements included in this report. Corporate and other income and expenses include net investment income, net realized and unrealized investment gains or losses, expenses associated with managing the group, certain strategic and non-recurring costs, changes in fair value of derivatives and changes in fair value of the loan notes issued by variable interest entities, interest expenses, net realized and unrealized foreign exchange gains or losses and income taxes, none of which are allocated to the business segments.

Please refer to the tables in Note 5 in our unaudited condensed consolidated financial statements of this report for a summary of gross and net written and earned premiums, underwriting results and combined ratios and reserves for our two business segments for the three months ended March 31, 2017 and 2016. The contributions of each business segment to gross written premiums in the three months ended March 31, 2017 and 2016 were as follows:

<b>Business Segment</b>	<b>Gross Written Premiums</b>			
	<b>Three Months Ended March 31, 2017</b>		<b>Three Months Ended March 31, 2016</b>	
	<b>(\$ in millions)</b>	<b>(% of total)</b>	<b>(\$ in millions)</b>	<b>(% of total)</b>
Reinsurance	\$ 565.3	56.6%	\$ 517.6	53.0%
Insurance	432.7	43.4	458.1	47.0
<b>Total</b>	<b>\$ 998.0</b>	<b>100.0%</b>	<b>\$ 975.7</b>	<b>100.0%</b>

### Reinsurance

The reinsurance segment consists of property catastrophe reinsurance (including business written through ACM), other property reinsurance (risk excess, pro rata and facultative), casualty reinsurance (U.S. treaty, international treaty and global facultative) and specialty insurance and reinsurance (credit and surety, mortgage reinsurance and insurance, agriculture insurance and reinsurance, marine, aviation, terrorism, engineering, cyber and other specialty lines). For a more detailed description of this segment, see Part I, Item 1, “Business — Business Segments — Reinsurance” in the Company’s 2016 Annual Report on Form 10-K filed with the SEC.

*Gross written premiums.* Gross written premiums in our reinsurance segment increased by 9.2% compared to the three months ended March 31, 2016. The table below shows our gross written premiums for each line of business, and the percentage change in gross written premiums for each line of business, for the three months ended March 31, 2017 and 2016:

<b>Lines of Business</b>	<b>Three Months Ended</b>	<b>Three Months Ended</b>	<b>% increase/(decrease)</b>
	<b>March 31, 2017</b>	<b>March 31, 2016</b>	
	<b>(\$ in millions)</b>	<b>(\$ in millions)</b>	
Property catastrophe reinsurance	\$ 130.7	\$ 127.6	2.4%
Other property reinsurance	118.9	103.0	15.4%
Casualty reinsurance	143.7	127.1	13.1%
Specialty reinsurance	172.0	159.9	7.6%
<b>Total</b>	<b>\$ 565.3</b>	<b>\$ 517.6</b>	<b>9.2%</b>

The slight increase in property catastrophe gross written premiums was primarily due to increased shares on North American and global accounts. The increase in other property reinsurance gross written premiums was largely due to favorable revisions on premium estimates for proportional contracts. Gross written premiums in casualty reinsurance increased largely due to growth in U.S. casualty treaty and international casualty business lines. The increase in gross written premiums in specialty reinsurance was largely due to growth in agriculture business lines.

*Losses and loss adjustment expenses.* The loss ratio for the three months ended March 31, 2017 was 51.6% compared to 48.0% in the equivalent period in 2016. The increase in the loss ratio in the quarter was largely attributable to a \$13.9 million increase in catastrophe losses, partially offset by a \$3.0 million increase in prior year reserve releases.

In the first quarter of 2017, we experienced \$24.6 million of natural catastrophe losses, net of reinsurance recoveries, including \$7.5 million from a tornado in Mississippi, \$3.9 million from Cyclone Debbie in Australia and \$13.2 million from other weather related events. In the comparable quarter of 2016, we experienced \$10.7 million of natural catastrophe losses from weather-related events in the U.S. and an earthquake in Taiwan.

Prior year reserve releases for the current quarter were as a result of favorable development across all of our reinsurance business lines despite the \$12.8 million adverse development in our casualty reinsurance lines due the U.K. Ministry of Justice decision to increase the discount rate used to calculate lump sum awards in U.K. bodily injury cases, known as the Ogden rate. The comparative period in 2016 benefited from favorable development in our other property, casualty and specialty reinsurance lines. Further information relating to the movement of prior year reserves is found below under “Reserves for Losses and Loss Adjustment Expenses.”

*Policy acquisition, general and administrative expenses.* Amortization of deferred policy acquisition costs was \$59.5 million for the three months ended March 31, 2017, equivalent to 21.4% of net earned premiums, compared to \$59.4 million, or 21.2% of net earned premiums in the equivalent period in 2016. The slight increase in the acquisition expense ratio was due to an increase in profit commission accruals. General and administrative expenses decreased to \$43.9 million compared to \$44.1 million in the

equivalent period in 2016 due to favorable movements in exchange rates applied to non-U.S. Dollar denominated expenses. The general and administrative expense ratio increased slightly to 15.8% from 15.7% in the equivalent period in 2016 due to the reduction in net earned premiums as a result of ceding a greater proportion of written premiums to third parties.

## Insurance

The insurance segment consists of property and casualty insurance, marine, aviation and energy insurance and financial and professional lines insurance. For a more detailed description of this segment, see Part I, Item 1 “Business — Business Segments — Insurance” in our 2016 Annual Report on Form 10-K filed with the SEC.

*Gross written premiums.* Gross written premiums in our insurance segment decreased by 5.5% compared to the three months ended March 31, 2016. The table below shows our gross written premiums for each line of business, and the percentage change in gross written premiums for each line of business, for the three months ended March 31, 2017 and 2016:

<u>Lines of Business</u>	<u>Three Months Ended</u>	<u>Three Months Ended</u>	<u>% increase/(decrease)</u>
	<u>March 31, 2017</u>	<u>March 31, 2016</u>	
	<u>(\$ in millions)</u>	<u>(\$ in millions)</u>	
Property and casualty insurance	\$ 211.1	\$ 226.3	(6.7)%
Marine, aviation and energy insurance	105.8	117.7	(10.1)%
Financial and professional lines insurance	115.8	114.1	1.5 %
Total	<u>\$ 432.7</u>	<u>\$ 458.1</u>	(5.5)%

The decrease in property and casualty gross written premiums was largely attributable to reductions in global casualty and U.S. programs business as a result of a change in our appetite for this type of business. The decrease in gross written premiums in marine, aviation and energy insurance was largely attributable to continued challenging market conditions in marine and energy liability and aviation business lines. The increase in gross written premiums in financial and professional insurance was largely attributable to growth in our U.S. surety and management liability business lines offset by reductions in our international management liability and credit and political risks business lines.

*Losses and loss adjustment expenses.* The loss ratio increased to 61.0% in the first quarter of 2017 from 58.2% in the first quarter of 2016 largely due to an increase in large losses which offset a \$3.5 million reduction in catastrophe losses and a \$1.6 million increase in prior year reserve releases. The loss ratio was also adversely affected by increased ceded reinsurance costs which reduced net earned premiums.

The insurance segment experienced catastrophe losses from U.S. weather-related events in the first quarters of 2017 and 2016 of \$4.5 million and \$8.0 million, respectively. In the first quarter of 2016, we experienced no significant large losses while in the current quarter we experienced a \$4.8 million loss from a refinery explosion and \$10.0 million of losses from several fires.

Prior year reserve releases increased from \$3.4 million in the first quarter of 2016 to \$5.0 million in the first quarter of 2017. Reserve releases in the first quarter of 2017 were mainly as a result of favorable development in our marine, aviation and energy and financial and professional business lines which offset \$17.7 million of adverse development in our casualty lines due to the U.K. Ministry of Justice decision to decrease the discount rate used to calculate lump sum awards in U.K. bodily injury cases, known as the Ogden rate. Reserve releases in the comparative quarter were mainly as a result of favorable development in our marine, aviation and energy and financial and professional business lines. Further information relating to the movement of prior year reserves is found below under “Reserves for Losses and Loss Adjustment Expenses.”

*Policy acquisition, general and administrative expenses.* Amortization of deferred policy acquisition costs for the three months ended March 31, 2017 decreased to 17.9% of net earned premiums compared to 18.5% in the first quarter of 2016 due largely to an increase in over-rider commissions associated with an increase in ceded reinsurance. Our general and administrative expenses increased by \$3.2 million from \$58.6 million in the first quarter of 2016 to \$61.8 million in the current quarter due to costs associated with growth in our insurance business.

## Cash and Investments

As at March 31, 2017 and December 31, 2016, total cash and investments were \$8.9 billion and \$9.2 billion, respectively. The composition of our investment portfolio is summarized below:

	As at March 31, 2017		As at December 31, 2016	
	Estimated Fair Value	Percentage of Total Cash and Investments	Estimated Fair Value	Percentage of Total Cash and Investments
	(\$ in millions except for percentages)			
Fixed income securities — available for sale				
U.S. government	\$ 1,267.1	14.3%	\$ 1,206.1	13.1%
U.S. agency	107.4	1.2	119.6	1.3
Municipal	24.4	0.3	24.4	0.3
Corporate	2,587.7	29.1	2,586.5	28.2
Non-U.S. government-backed corporate	84.5	1.0	89.8	1.0
Non-U.S. government	494.2	5.6	488.7	5.3
Asset-backed	54.8	0.6	63.0	0.7
Non-agency commercial mortgage-backed	11.5	0.1	12.6	0.1
Agency mortgage-backed	1,032.8	11.5	1,073.9	11.7
Total fixed income securities — available for sale	\$ 5,664.4	63.7%	\$ 5,664.6	61.7%
Fixed income securities — trading				
U.S. government	95.4	1.1	82.4	0.9
U.S. agency	—	—	—	—
Municipal	15.6	0.2	15.5	0.2
Corporate	866.2	9.8	820.6	8.9
Non-U.S. government	191.7	2.2	202.8	2.2
Asset-backed	13.4	0.2	14.5	0.2
Mortgage-backed securities	130.9	1.5	—	—
Bank loans	—	—	129.9	1.4
Total fixed income securities — trading	\$ 1,313.2	15.0%	\$ 1,265.7	13.8%
Total other investments	6.8	0.1	12.1	0.1
Total catastrophe bonds — trading	41.8	0.5	42.5	0.5
Total equity securities — trading	623.6	7.0	584.7	6.4
Total short-term investments — available for sale	163.5	1.8	145.3	1.6
Total short-term investments — trading	184.6	2.1	185.4	2.0
Total cash and cash equivalents	873.1	9.8	1,273.8	13.9
Total cash and investments	\$ 8,871.0	100.0%	\$ 9,174.1	100.0%

*Fixed Income Securities.* As at March 31, 2017, the average credit quality of our fixed income portfolio was “AA-,” with 88.9% of the portfolio rated “A” or higher. As at December 31, 2016, the average credit quality of our fixed income portfolio was “AA-,” with 89.3% of the portfolio rated “A” or higher. Where the credit ratings were split between the two main rating agencies, S&P and Moody’s, the lowest rating was used. Our fixed income portfolio duration as at March 31, 2017 was 3.89 years compared to 3.89 years as at December 31, 2016.

*Mortgage-Backed Securities.* The following table summarizes the fair value of our mortgage-backed securities by rating and class as at March 31, 2017. Our mortgage-backed portfolio is supported by loans diversified across a number of geographic and economic sectors.

	AAA	AA and Below	Total
	(\$ in millions)		
Agency	\$ —	\$ 1,163.7	\$ 1,163.7
Non-agency commercial	11.5	—	11.5
<b>Total mortgage-backed securities</b>	<b>\$ 11.5</b>	<b>\$ 1,163.7</b>	<b>\$ 1,175.2</b>

*Equity Securities.* Equity securities comprise U.S. and foreign equity securities and are held in the trading portfolio. The total investment return from the trading equity portfolios for the three months ended March 31, 2017 and 2016 was as follows:

<b>Trading Equity Portfolio</b>	<b>For the Three Months Ended</b>	
	<b>March 31, 2017</b>	<b>March 31, 2016</b>
	(\$ in millions)	
Dividend income	\$ 5.2	\$ 6.9
Net realized investment gains/(losses)	3.7	(1.4)
Net unrealized gains, gross of tax	23.7	12.8
Net realized foreign exchange (losses)	(0.6)	(4.0)
Net unrealized foreign exchange gains	6.5	13.0
Total investment return from the trading equity portfolio	<b>\$ 38.5</b>	<b>\$ 27.3</b>

*European Fixed Income and Equity Exposures.* As at March 31, 2017, we had \$861.2 million, or 9.7% of our total cash and investments, invested in securities issued by European issuers, including the United Kingdom. Our European exposures consisted of sovereigns, agencies, government guaranteed bonds, covered bonds, corporate bonds and equities. We have no exposure to the sovereign debt of Greece, Ireland, Italy, Portugal or Spain (“GIIPS”).

We manage our European fixed income exposures by proactively adapting our investment guidelines to our views on the European markets. We continue to prohibit purchases of GIIPS, Belgian sovereign and guaranteed debt, peripheral European bank debt and corporate bonds issued by companies domiciled in GIIPS countries. We may purchase bonds issued by U.K and non-peripheral European select corporate financial issuers.

The tables below summarize our European holdings by country (Eurozone and non-Eurozone), rating and sector as at March 31, 2017. Equity investments included in the table below are not rated (“NR”). Where the credit ratings were split between the two main rating agencies, S&P and Moody’s, the lowest rating was used.

As at March 31, 2017 by Ratings							
Country	AAA	AA	A	BBB	NR	Market Value	Market Value %
(\$ in millions except percentages)							
Austria	\$ —	\$ 8.2	\$ —	\$ —	\$ —	\$ 8.2	1.0%
Belgium	—	—	20.8	—	2.9	23.7	2.8
Czech Republic	—	—	—	—	0.2	0.2	—
Denmark	3.3	—	—	0.7	5.4	9.4	1.1
Finland	—	11.4	—	—	7.0	18.4	2.1
France	—	15.0	35.2	2.3	12.5	64.9	7.5
Germany	44.7	10.8	80.7	18.9	14.7	169.8	19.7
Hungary	—	—	—	1.6	—	1.6	0.2
Ireland	—	—	—	—	0.6	0.6	0.1
Luxembourg	—	—	—	0.3	—	0.3	—
Netherlands	19.2	—	38.5	8.9	5.8	72.3	8.4
Norway	4.1	—	13.0	0.4	—	17.6	2.0
Poland	—	—	—	9.5	0.1	9.6	1.1
Romania	—	—	—	3.1	—	3.1	0.4
Sweden	0.3	11.0	—	1.0	5.6	17.8	2.1
Switzerland	6.0	26.5	26.5	8.4	48.9	116.3	13.5
United Kingdom	—	159.9	58.5	29.9	79.0	327.4	38.0
Total European Exposures	\$ 77.6	\$ 242.8	\$ 273.2	\$ 85.0	\$ 182.7	\$ 861.2	100.0%

As at March 31, 2017 by Sectors

Country	(\$ in millions except percentages)									
	Sovereign	ABS	Government Guaranteed Bonds	Agency	Local Government	Corporate Financial Issuers	Corporate Non- Financial Issuers	Equity	Market Value	Unrealized Pre-tax Gain/(Loss)
Austria	\$ 1.2	\$ —	\$ 7.0	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 8.2	\$ 0.1
Belgium	—	—	—	—	—	—	20.8	2.9	23.7	—
Czech Republic	—	—	—	—	—	—	—	0.2	0.2	—
Denmark	—	—	—	—	3.3	—	0.7	5.4	9.4	(0.9)
Finland	8.2	—	—	—	3.2	—	—	7.0	18.4	0.3
France	1.3	—	3.3	16.8	—	6.2	24.9	12.5	64.9	2.1
Germany	6.8	—	31.5	3.1	14.0	—	102.7	11.7	169.8	3.2
Hungary	1.6	—	—	—	—	—	—	—	1.6	—
Ireland	—	—	—	—	—	—	—	0.6	0.6	0.1
Luxembourg	—	—	—	—	—	—	0.3	—	0.3	—
Netherlands	—	—	—	19.4	—	16.2	30.9	5.8	72.3	1.4
Norway	—	—	—	17.2	—	—	0.4	—	17.6	0.5
Poland	9.5	—	—	—	—	—	—	0.1	9.6	—
Romania	3.1	—	—	—	—	—	—	—	3.1	—
Sweden	—	—	—	4.5	0.3	7.5	—	5.6	17.8	0.9
Switzerland	6.0	—	—	—	—	13.3	48.2	48.9	116.3	1.5
United Kingdom	159.3	0.5	0.6	—	—	14.4	73.5	79.0	327.4	20.7
Total European Exposures	\$ 197.0	\$ 0.5	\$ 42.4	\$ 61.0	\$ 20.8	\$ 57.6	\$ 302.4	\$ 179.7	\$ 861.2	\$ 29.9

Reserves for Losses and Loss Adjustment Expenses

As at March 31, 2017, we had total net loss and loss adjustment expense reserves of \$4,730.1 million (December 31, 2016 — \$4,759.2 million). This amount represented our selected reserves for the ultimate liability for payment of losses and loss adjustment expenses. The following tables analyze gross and net loss and loss adjustment expense reserves by business segment as at March 31, 2017 and December 31, 2016, respectively:

Business Segment	As at March 31, 2017		
	Gross	Reinsurance Recoverable	Net
	(\$ in millions)		
Reinsurance	\$ 2,532.8	\$ (87.4)	\$ 2,445.4
Insurance	2,833.1	(548.4)	2,284.7
Total losses and loss expense reserves	\$ 5,365.9	\$ (635.8)	\$ 4,730.1

  

Business Segment	As at December 31, 2016		
	Gross	Reinsurance Recoverable	Net
	(\$ in millions)		
Reinsurance	\$ 2,536.1	\$ (74.0)	\$ 2,462.1
Insurance	2,783.8	(486.7)	2,297.1
Total losses and loss expense reserves	\$ 5,319.9	\$ (560.7)	\$ 4,759.2

For the three months ended March 31, 2017, there was a reduction of our estimate of the ultimate net claims to be paid in respect of prior accident years of \$26.2 million. An analysis of this reduction by business segment is as follows for the three months ended March 31, 2017 and 2016:

<u>Business Segment</u>	<u>For the Three Months Ended</u>	
	<u>March 31, 2017</u>	<u>March 31, 2016</u>
	<u>(\$ in millions)</u>	
Reinsurance	\$ 21.2	\$ 18.2
Insurance	5.0	3.4
<b>Total losses and loss expense reserves reductions</b>	<b>\$ 26.2</b>	<b>\$ 21.6</b>

The key elements which gave rise to the net positive development during the three months ended March 31, 2017 were as follows:

*Reinsurance.* Net reserve releases were \$21.2 million in the current quarter. Reserve releases in the quarter were as a result of favorable development evenly distributed across our other property, casualty and specialty reinsurance lines. The casualty reinsurance business line reported a net reserve release despite our exposure to the Ogden rate change from reinsurance of U.K. employer's liability and U.K. public liability business and, to a lesser degree, U.K. motor liability reinsurance.

*Insurance.* Net reserve releases were \$5.0 million in the current quarter. Reserve releases in the quarter were mainly as a result of favorable development in our marine, aviation and energy and financial and professional business lines which offset adverse development in our casualty lines due to the change in the Ogden rate which impacts our U.K. employer's liability and U.K. public liability business.

For a more detailed description see Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations — Critical Accounting Policies" and "Management's Discussion and Analysis of Financial Condition and Results of Operations — Reserves for Losses and Loss Adjustment Expenses" included in our 2016 Annual Report on Form 10-K filed with the SEC.

### Capital Management

The following table shows our capital structure as at March 31, 2017 compared to December 31, 2016:

	<u>As at March 31, 2017</u>	<u>As at December 31, 2016</u>
	<u>(\$ in millions)</u>	
Share capital, additional paid-in capital, retained income and accumulated other comprehensive income attributable to ordinary shareholders	\$ 2,928.1	\$ 2,851.2
Preference shares (liquidation preferences net of issue costs)	666.3	797.1
Long-term debt	549.4	549.3
Loan notes issued by variable interest entities <sup>(1)</sup>	115.1	223.4
<b>Total capital</b>	<b>\$ 4,258.9</b>	<b>\$ 4,421.0</b>

<sup>(1)</sup> We do not consider the loan notes issued by VIEs to be part of our permanent capital as the noteholders have no recourse to the other assets of the Company.

As at March 31, 2017, total shareholders' equity was \$3,594.4 million compared to \$3,648.3 million as at December 31, 2016. Our total shareholders' equity as at March 31, 2017 includes three classes of preference shares with a total value as measured by their respective liquidation preferences of \$666.3 million net of share issuance costs (December 31, 2016 — \$797.1 million).

On January 3, 2017, we elected to mandatorily redeem all of the outstanding 7.401% Perpetual Non-Cumulative Preference Shares (the "7.401% Preference Shares"). Each holder of a 7.401% Preference Share received \$25 per 7.401% Preference Share, plus any declared and unpaid dividends.

On February 8, 2017, we replaced our existing share repurchase authorization with a new authorization of \$250 million. The share repurchase authorization, which is effective through February 8, 2019, permits us to effect repurchases from time to time through a combination of transactions, including open market repurchases, privately negotiated transactions and accelerated share repurchase transactions.

On April 26, 2017, we announced a 9% increase in our quarterly dividend to our ordinary shareholders from \$0.22 per ordinary share to \$0.24 per ordinary share. On April 21, 2016, we announced a 5% increase in our quarterly dividend to our ordinary shareholders from \$0.21 per ordinary share to \$0.22 per ordinary share.



Our preference shares are classified in our balance sheet as equity but may receive a different treatment in some cases under the capital adequacy assessments made by certain rating agencies. Preference shares are often referred to as “hybrids” because they have certain attributes of both debt and equity. We monitor the ratio of the total of debt and hybrids to total capital, with total capital being defined as shareholders’ equity plus outstanding debt. As at March 31, 2017, this ratio was 31.2% (December 31, 2016 — 35.5%).

Our senior notes are the only material debt issued by Aspen Holdings currently outstanding. As at March 31, 2017 and December 31, 2016, the value of the debt less amortization expenses was \$549.4 million and \$549.3 million, respectively. Management monitors the ratio of debt to total capital which was 15.6% as at March 31, 2017 (December 31, 2016 — 17.5%).

In addition, we have also reported Loan Notes issued by Silverton. The fair value of the Loan Notes issued by Silverton as at March 31, 2017 was \$115.1 million (December 31, 2016 — \$223.4 million). For further information relating to Silverton, refer to Note 7 of the “Notes to the Audited Consolidated Financial Statements” in the Company’s 2016 Annual Report on Form 10-K filed with the SEC and Note 7 of the consolidated condensed unaudited financial statements contained in this report.

*Access to Capital.* Our business operations are in part dependent on our financial strength and the market’s perception thereof, as measured by total shareholders’ equity, which was \$3,594.4 million as at March 31, 2017 (December 31, 2016 — \$3,648.3 million). We believe our financial strength provides us with the flexibility and capacity to obtain funds through debt or equity financing. Our continuing ability to access the capital markets is dependent on, among other things, our operating results, market conditions and our perceived financial strength. We regularly monitor our capital and financial position, as well as investment and securities market conditions, both in general and with respect to Aspen Holdings’ securities. Our ordinary shares and preference shares are listed on the New York Stock Exchange.

## Liquidity

Liquidity is a measure of a company’s ability to generate cash flows sufficient to meet short-term and long-term cash requirements of its business operations. Management monitors the liquidity of Aspen Holdings and of each of its Operating Subsidiaries and arranges credit facilities to enhance short-term liquidity resources on a stand-by basis.

*Holding Company.* We monitor the ability of Aspen Holdings to service debt, finance dividend payments to ordinary and preference shareholders and provide financial support to the Operating Subsidiaries. As at March 31, 2017, Aspen Holdings held \$193.5 million of cash, cash equivalents and investments (December 31, 2016 — \$327.1 million) with the reduction largely due to the costs associated with the redemption of the 7.401% Preference Shares on January 3, 2017. Management considers the current cash, cash equivalents and investments taken together with dividends declared or expected to be declared by subsidiary companies and our credit facilities to be sufficient to appropriately satisfy the liquidity requirements of Aspen Holdings. Aspen Holdings’ liquidity depends on dividends, capital distributions and interest payments from our Operating Subsidiaries. Aspen Holdings also has recourse to the credit facility described under “Letter of Credit Facilities” below.

The ability of our Operating Subsidiaries to pay us dividends or other distributions is subject to the laws and regulations applicable to each jurisdiction, as well as the Operating Subsidiaries’ need to maintain adequate capital requirements to maintain their insurance and reinsurance operations and their financial strength ratings issued by independent rating agencies. On October 21, 2013, and in line with usual market practice for regulated institutions, the Prudential Regulation Authority (the “PRA”), the regulatory agency which oversees the prudential regulation of insurance companies in the U.K. such as Aspen U.K., requested that it be afforded the opportunity to provide a prior “non-objection” to all future dividend payments made by Aspen U.K. For a further discussion of the various restrictions on our ability and our Operating Subsidiaries’ ability to pay dividends, see Part I, Item 1 “Business — Regulatory Matters” in our 2016 Annual Report on Form 10-K filed with the SEC. For a more detailed discussion of our Operating Subsidiaries’ ability to pay dividends, see Note 15 of the “Notes to the Audited Consolidated Financial Statements” in our 2016 Annual Report on Form 10-K filed with the SEC.

*Operating Subsidiaries.* As at March 31, 2017, the Operating Subsidiaries held \$1,068.1 million (December 31, 2016 — \$1,409.3 million) in cash and short-term investments that are readily realizable securities. Management monitors the value, currency and duration of cash and investments held by the Operating Subsidiaries to ensure that they are able to meet their insurance and other liabilities as they become due and was satisfied that there was a comfortable margin of liquidity as at March 31, 2017 and for the foreseeable future.

On an ongoing basis, our Operating Subsidiaries’ sources of funds primarily consist of premiums written, investment income and proceeds from sales and redemptions of investments. Cash is used primarily to pay reinsurance premiums, losses and loss adjustment expenses, brokerage commissions, general and administrative expenses, taxes, interest and dividends and to purchase new investments. The potential for individual large claims and for accumulations of claims from single events means that substantial and unpredictable payments may need to be made within relatively short periods of time.

We manage these risks by making regular forecasts of the timing and amount of expected cash outflows and ensuring that we maintain sufficient balances in cash and short-term investments to meet these estimates. Notwithstanding this policy, if our

cash flow forecast is incorrect, we could be forced to liquidate investments prior to maturity, potentially at a significant loss. Historically, we have not had to liquidate investments at a significant loss to maintain sufficient levels of liquidity.

The liquidity of our Operating Subsidiaries is also affected by the terms of our contractual obligations to policyholders and by undertakings to certain regulatory authorities to facilitate the issue of letters of credit or maintain certain balances in trust funds for the benefit of policyholders. For more information on these arrangements, including a table showing the forms of collateral or other security provided in respect of these obligations and undertakings, see Note 19(a) of the “Notes to the Audited Consolidated Financial Statements” in our 2016 Annual Report on Form 10-K filed with the SEC.

*Consolidated Cash Flows for the Three Months Ended March 31, 2017.* Total net cash flow from operations for the three months ended March 31, 2017 was \$(84.3) million, a reduction of \$151.5 million from the comparative period in 2016. The reduction is mainly attributable to increases in ceded reinsurance costs and an increase in paid claims. For the three months ended March 31, 2017, the cash flow from operations had no adverse effect on the sufficiency of liquidity to meet our operating requirements.

*Letter of Credit Facilities.* For information relating to our credit facilities, refer to Note 16 of the consolidated condensed unaudited financial statements contained in this report.

## Contractual Obligations and Commitments

The following table summarizes our contractual obligations under long-term debt, operating leases (net of subleases) and reserves relating to insurance and reinsurance contracts as at March 31, 2017:

	2017	2018	2019	2020	2021	Later Years	Total
	(\$ in millions)						
Operating Lease Obligations	\$ 10.1	\$ 15.6	\$ 14.5	\$ 13.7	\$ 9.4	\$ 80.8	\$ 144.1
Long-Term Debt Obligations <sup>(1)</sup>	—	—	—	250.0	—	300.0	550.0
Reserves for losses and LAE <sup>(2)</sup>	1,112.9	1,113.2	805.5	546.6	341.6	1,446.1	5,365.9
Total	<u>\$ 1,123.0</u>	<u>\$ 1,128.8</u>	<u>\$ 820.0</u>	<u>\$ 810.3</u>	<u>\$ 351.0</u>	<u>\$ 1,826.9</u>	<u>\$ 6,060.0</u>

<sup>(1)</sup> The long-term debt obligations disclosed above do not include \$29.0 million of annual interest payments on our outstanding senior notes or dividends payable to holders of our preference shares or the Loan Notes issued by Silverton in the amount of \$115.1 million.

<sup>(2)</sup> In estimating the time intervals into which payments of our reserves for losses and loss adjustment expenses fall, as set out above, we utilized actuarially assessed payment patterns. By the nature of the insurance and reinsurance contracts under which these liabilities are assumed, there can be no certainty that actual payments will fall in the periods shown above and there could be a material acceleration or deceleration of claims payments depending on factors outside our control. The total amount of payments in respect of our reserves, as well as the timing of such payments, may differ materially from our current estimates for the reasons set out in the Company's 2016 Annual Report on Form 10-K under Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations — Critical Accounting Policies — Reserves for Losses and Loss Expenses" filed with the SEC and due to the factors set out in this report under "Cautionary Statement Regarding Forward-Looking Statements" below.

Further information on operating leases is given in Item 2, "Properties" in our 2016 Annual Report on Form 10-K filed with the SEC.

For a discussion of our derivative instruments, refer to Note 10 to our unaudited condensed consolidated financial statements for the three months ended March 31, 2017 included in this report.

## Effects of Inflation

Inflation may have a material effect on our consolidated results of operations by its effect on interest rates and on the cost of settling claims. The potential exists, after a catastrophe or other large property loss, for the development of inflationary pressures in a local economy as the demand for services such as construction typically surges. The cost of settling claims may also be increased by global commodity price inflation. We seek to take both these factors into account when setting reserves for any events where we think they may be material.

Our calculation of reserves for losses and loss expenses in respect of casualty business includes assumptions about future payments for settlement of claims and claims-handling expenses, such as medical treatments and litigation costs. We write casualty business in the United States, the United Kingdom and Australia and certain other territories, where claims inflation has in many years run at higher rates than general inflation. To the extent inflation causes these costs to increase above reserves established for these claims, we will be required to increase our loss reserves with a corresponding reduction in earnings. The actual effects of inflation on our results cannot be accurately known until claims are ultimately settled.

In addition to general price inflation we are exposed to a persisting long-term upwards trend in the cost of judicial awards for damages. We seek to take this into account in our pricing and reserving of casualty business.

We also seek to take into account the projected impact of inflation on the likely actions of central banks in the setting of short-term interest rates and consequent effects on the yields and prices of fixed income securities. As at March 31, 2017, we consider that although inflation is currently low, in the medium-term there is a risk that inflation, interest rates and bond yields may rise, resulting in a decrease in the market value of certain of our fixed interest investments.

### Cautionary Statement Regarding Forward-Looking Statements

This report contains, and we may from time to time make other verbal or written, forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), that involve risks and uncertainties, including statements regarding our capital needs, business strategy, expectations and intentions. Statements that use the terms "believe," "do not believe," "anticipate," "expect," "assume," "objective," "target," "could," "would," "should," "plan," "estimate," "project," "outlook," "trends," "future," "seek," "will," "may," "aim," "likely," "continue," "intend," "guidance," "on track," and similar expressions are intended to identify forward-looking statements. These statements reflect our current views with respect to future events and because our business is subject to numerous risks, uncertainties and other factors, our actual results could differ materially from those anticipated in the forward-looking statements. The risks, uncertainties and other factors set forth in our 2016 Annual Report on Form 10-K filed with the SEC and other cautionary statements made in this report, including in Part II, Item 1A "Risk Factors" below, as well as the factors set forth below, should be read and understood as being applicable to all related forward-looking statements wherever they appear in this report.

All forward-looking statements rely on a number of assumptions, estimates and data concerning future results and events and are subject to a number of uncertainties and other factors, many of which are outside our control that could cause actual results to differ materially from such statements.

All forward-looking statements address matters that involve risks and uncertainties. Accordingly, there are or will be important factors that could cause actual results to differ materially from those indicated in these statements. We believe that these factors include, but are not limited to, those set forth under "Risk Factors" in Item 1A of our Annual Report on Form 10-K filed with the United States SEC and the following:

- our ability to successfully implement steps to further optimize the business portfolio, ensure capital efficiency and enhance investment returns;
- the possibility of greater frequency or severity of claims and loss activity, including as a result of natural or man-made (including economic and political risks) catastrophic or material loss events, than our underwriting, reserving, reinsurance purchasing or investment practices have anticipated;
- the assumptions and uncertainties underlying reserve levels that may be impacted by future payments for settlements of claims and expenses or by other factors causing adverse or favorable development, including our assumptions on inflation costs associated with long-tail casualty business which could differ materially from actual experience;
- the political, regulatory and economic effects arising from the vote and resulting negotiations as a result of the vote by the U.K. electorate in favor of a U.K. exit from the E.U. in the June 2016 referendum;
- the reliability of, and changes in assumptions to, natural and man-made catastrophe pricing, accumulation and estimated loss models;
- decreased demand for our insurance or reinsurance products;
- cyclical changes in the insurance and reinsurance industry;
- the models we use to assess our exposure to losses from future natural catastrophes ("catastrophes") contain inherent uncertainties and our actual losses may differ significantly from expectations;
- our capital models may provide materially different indications than actual results;
- increased competition from existing (re)insurers and from alternative capital providers and insurance-linked funds and collateralized special purpose insurers on the basis of pricing, capacity, coverage terms, new capital, binding authorities to brokers or other factors and the related demand and supply dynamics as contracts come up for renewal;
- our ability to execute our business plan to enter new markets, introduce new products and teams and develop new distribution channels, including their integration into our existing operations;
- our acquisition strategy;
- changes in market conditions in the agriculture industry, which may vary depending upon demand for agricultural products, weather, commodity prices, natural disasters, and changes in legislation and policies related to agricultural products and producers;
- termination of, or changes in, the terms of the U.S. Federal Multiple Peril Crop Insurance Program or the U.S. Farm Bill, including modifications to the Standard Reinsurance Agreement put in place by the Risk Management Agency of the U.S. Department of Agriculture;
- the recent consolidation in the insurance and reinsurance industry;

- loss of one or more of our senior underwriters or key personnel;
- our ability to exercise capital management initiatives, including capital available to pursue our share repurchase program at various levels or to declare dividends, or to arrange banking facilities as a result of prevailing market conditions, the level of catastrophes or other losses or changes in our financial results;
- changes in general economic conditions, including inflation, deflation, foreign currency exchange rates, interest rates and other factors that could affect our financial results;
- the risk of a material decline in the value or liquidity of all or parts of our investment portfolio;
- the risks associated with the management of capital on behalf of investors;
- a failure in our operational systems or infrastructure or those of third parties, including those caused by security breaches or cyber attacks;
- evolving issues with respect to interpretation of coverage after major loss events;
- our ability to adequately model and price the effects of climate cycles and climate change;
- any intervening legislative or governmental action and changing judicial interpretation and judgments on insurers' liability to various risks;
- the risks related to litigation;
- the effectiveness of our risk management loss limitation methods, including our reinsurance purchasing;
- changes in the availability, cost or quality of reinsurance or retrocessional coverage;
- changes in the total industry losses or our share of total industry losses resulting from events, such as catastrophes, that have occurred in prior years or may occur and, with respect to such events, our reliance on loss reports received from cedants and loss adjustors, our reliance on industry loss estimates and those generated by modeling techniques, changes in rulings on flood damage or other exclusions as a result of prevailing lawsuits and case law;
- the impact of one or more large losses from events other than natural catastrophes or by an unexpected accumulation of attritional losses and deterioration in loss estimates;
- the impact of acts of terrorism, acts of war and related legislation;
- any changes in our reinsurers' credit quality and the amount and timing of reinsurance recoverables;
- the continuing and uncertain impact of the current depressed lower growth economic environment in many of the countries in which we operate;
- our reliance on information and technology and third-party service providers for our operations and systems;
- the level of inflation in repair costs due to limited availability of labor and materials after catastrophes;
- a decline in our Operating Subsidiaries' ratings with S&P, A.M. Best or Moody's;
- the failure of our reinsurers, policyholders, brokers or other intermediaries to honor their payment obligations;
- our reliance on the assessment and pricing of individual risks by third parties;
- our dependence on a few brokers for a large portion of our revenues;
- the persistence of heightened financial risks, including excess sovereign debt, the banking system and the Eurozone crisis;
- changes in government regulations or tax laws in jurisdictions where we conduct business;
- changes in accounting principles or policies or in the application of such accounting principles or policies;
- increased counterparty risk due to the credit impairment of financial institutions; and
- Aspen Holdings or Aspen Bermuda becoming subject to income taxes in the United States or the United Kingdom.

In addition, any estimates relating to loss events involve the exercise of considerable judgment in the setting of reserves and reflect a combination of ground-up evaluations, information available to date from brokers and cedants, market intelligence, initial tentative loss reports and other sources. The actuarial range of reserves provided, if any, is based on our then current state of knowledge and explicit and implicit assumptions relating to the incurred pattern of claims, the expected ultimate settlement amount, inflation, and dependencies between lines of business. Due to the complexity of factors contributing to losses and the preliminary nature of the information used to prepare estimates, there can be no assurance that our ultimate losses will remain within stated amounts.

The rate changes described in “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Outlook and Trends” reflect management’s assessment of changes in exposure-adjusted rates on renewals only. This does not include contracts with fundamental changes to terms and conditions. The calculation involves a degree of judgment in relation to comparability of contracts in the different business lines. Due to changes in assumptions underlying the pricing of contracts, the trends in premium rates reflected in our outlook and trends may not be comparable over time. The future profitability of each business line is dependent upon many factors besides the trends in premium rates.

The foregoing review of important factors should not be construed as exhaustive and should be read in conjunction with the other cautionary statements that are included in this report. We undertake no obligation to publicly update or review any forward-looking statement, whether as a result of new information, future developments or otherwise or disclose any difference between our actual results and those reflected in such statements.

If one or more of these or other risks or uncertainties materialize, or if our underlying assumptions prove to be incorrect, actual results may vary materially from what we projected. All forward-looking statements in this report reflect our current views with respect to future events and are subject to these and other risks, uncertainties and assumptions relating to our operations, results of operations, growth strategy and liquidity. All subsequent written and oral forward-looking statements attributable to us or individuals acting on our behalf are expressly qualified in their entirety by the points made above. You should specifically consider the factors identified in this report which could cause actual results to differ before making an investment decision.

## Reconciliation of Non-U.S. GAAP Financial Measures

Adjusted diluted book value per ordinary share, a non-U.S. GAAP measure, is calculated by deducting from total shareholders equity the total of: accumulated other comprehensive income; the value of preference shares less issue expenses; the share of equity due to non-controlling interests; and adding back ordinary dividends. The resulting balance is then divided by the diluted number of ordinary shares as at the year end. We believe that adding back ordinary dividends provides a more consistent and useful measurement of total shareholder value, which supplements U.S. GAAP information.

	As at March 31, 2017	As at December 31, 2016
	(\$ in millions, except for share amounts)	
Total shareholders' equity	\$ 3,594.4	\$ 3,648.3
Accumulated other comprehensive income, net of taxes	14.7	5.1
Preference shares less issue expenses	(666.3)	(797.1)
Non-controlling interest	(1.5)	(1.4)
Ordinary dividends	13.2	52.7
Adjusted total shareholders' equity	<u>\$ 2,954.5</u>	<u>\$ 2,907.6</u>
Ordinary shares	59,988,434	59,774,464
Diluted ordinary shares	61,196,772	61,001,071
<b>Book Value Per Share</b>		
Basic	\$ 48.79	\$ 47.68
Diluted	\$ 47.89	\$ 46.72
Adjusted Diluted	\$ 48.28	\$ 47.67

Average equity, a non-U.S. GAAP financial measure, is used in calculating ordinary shareholders return on average equity. It is calculated by taking the arithmetic average of total shareholders' equity on a monthly basis for the stated periods excluding (i) the average share of equity due to non-controlling interests and (ii) the average value of preference shares less issue expenses. Unrealized appreciation (depreciation) on investments is primarily the result of interest rate movements and the resultant impact on fixed income securities, and unrealized appreciation (depreciation) on foreign exchange is the result of exchange rate movements between the U.S. Dollar and the functional currencies of our Operating Subsidiaries. Therefore, we believe that excluding these unrealized appreciations (depreciations) provides a more consistent and useful measurement of operating performance, which supplements U.S. GAAP information.

	As at March 31, 2017	As at December 31, 2016
	(\$ in millions)	
Total shareholders' equity	\$ 3,594.4	\$ 3,648.3
Total non-controlling interest	(1.5)	(1.4)
Total preference shares	(666.3)	(797.1)
Average adjustment	(5.7)	144.2
Average equity	<u>\$ 2,920.9</u>	<u>\$ 2,994.0</u>

Operating income, a non-U.S. GAAP financial measure, is an internal performance measure used by us in the management of our operations and represents after-tax operational results excluding, as applicable, after-tax net realized and unrealized gains or losses, including net realized and unrealized gains and losses on interest rate swaps, after-tax net foreign exchange gains or losses, including net realized and unrealized gains and losses from foreign exchange contracts, net realized gains or losses on investments, amortization of intangible assets and certain non-recurring income or expenses. Also excluded from operating income in the quarter ended March 31, 2017 was the issue cost associated with the redemption of the 7.401% Perpetual Non-Cumulative Preference Shares. We exclude after-tax net realized and unrealized capital gains or losses, after-tax net foreign exchange gains or losses and changes in the fair value of derivatives from our calculation of operating income because the amount of these gains or losses is heavily influenced by, and fluctuates in part, according to the availability of market opportunities. We believe these amounts are largely independent of our business and underwriting process and including them distorts the analysis of trends in its operations. In addition to presenting net income determined in accordance with U.S. GAAP, we believe that showing operating income enables

investors, analysts, rating agencies and other users of our financial information to more easily analyze our results of operations in a manner similar to how management analyzes our underlying business performance. Operating income should not be viewed as a substitute for U.S. GAAP net income.

	<b>Three Months Ended March 31, 2017</b>	<b>Three Months Ended March 31, 2016</b>
	(\$ in millions)	
Net income	\$ 96.5	\$ 114.4
Add (deduct) after tax income:		
Net realized and unrealized investment (gains)	(46.4)	(35.3)
Net realized and unrealized exchange (gains)/losses	5.1	16.9
Changes to the fair value of derivatives	2.6	(6.1)
Amortization and other non-recurring expenses	2.0	—
Proportion due to non-controlling interest	(0.1)	0.2
Operating income after tax and non-controlling interest	59.7	90.1
Preference Shares dividends	(10.5)	(9.5)
Net income available to ordinary shareholders	<u>\$ 49.2</u>	<u>\$ 80.6</u>



### Item 3. Quantitative and Qualitative Disclosures about Market Risk

We believe we are principally exposed to four types of market risk: interest rate risk, equity risk, foreign currency risk and credit risk.

*Interest rates risk.* Our investment portfolio consists primarily of fixed income securities. Accordingly, our primary market risk exposure is to changes in interest rates. Fluctuations in interest rates have a direct impact on the market valuation of these securities. As interest rates rise, the market value of our fixed income portfolio falls, and the converse is also true. We manage interest rate risk by maintaining a short to medium duration to reduce the effect of interest rate changes on book value. On May 9, 2016, we terminated our interest rate swap program which aimed to partially mitigate our exposure to interest rate. For more information on the terminated interest rate swaps, refer to Item 2 “Cash and Investments — Interest rate swaps” above.

As at March 31, 2017, our fixed income portfolio had an approximate duration of 3.89 years. The table below depicts interest rates change scenarios and the effects on our interest rate sensitive invested assets:

Movement in Rates in Basis Points	Effect of Changes in Interest Rates on Portfolio Given a Parallel Shift in the Yield Curve				
	-100	-50	—	50	100
	(\$ in millions, except percentages)				
Market value \$ in millions	7,620.9	7,478.2	7,335.5	7,192.8	7,050.2
Gain/(loss) \$ in millions	285.4	142.7	—	(142.7)	(285.3)
Percentage of portfolio	3.9%	1.9%	—%	(1.9)%	(3.9)%

*Equity risk.* We have invested in equity securities which had a fair market value of \$623.6 million, equivalent to 7.3% of the total of investments, cash and cash equivalents, excluding catastrophe bonds and funds held by variable interest entities (the “Managed Portfolio”), as at March 31, 2017 (December 31, 2016 — \$584.7 million, 6.8%). These equity investments are exposed to equity price risk, defined as the potential for loss in market value due to a decline in equity prices. We believe that the effects of diversification and the relatively small size of our investments in equities relative to total invested assets mitigate our exposure to equity price risk.

*Foreign currency risk.* Our reporting currency is the U.S. Dollar. The functional currencies of our operations include U.S. Dollars, British Pounds, Euros, Canadian Dollars, Swiss Francs, Australian Dollars and Singaporean Dollars. As at March 31, 2017, 88.6% (December 31, 2016 — 89.3%) of our cash, cash equivalents and investments were held in U.S. Dollars, 5.1% (December 31, 2016 — 4.7%) were in British Pounds and 6.3% (December 31, 2016 — 6.0%) were in other currencies. For the three months ended March 31, 2017, 21.5% (December 31, 2016 — 12.0%) of our gross premiums were written in currencies other than the U.S. Dollar and the British Pound and we expect that a similar proportion will be written in currencies other than the U.S. Dollar and the British Pound in the remainder of 2017.

Other foreign currency amounts are re-measured to the appropriate functional currency and the resulting foreign exchange gains or losses are reflected in the statement of operations. Functional currency amounts of assets and liabilities are then translated into U.S. Dollars. The unrealized gain or loss from this translation, net of tax, is recorded as part of shareholders’ equity. The change in unrealized foreign currency translation gain or loss during the period, net of tax, is a component of comprehensive income. Both the re-measurement and translation are calculated using current exchange rates for the balance sheets and average exchange rates for the statement of operations. We may experience exchange losses to the extent our foreign currency exposure is not properly managed or otherwise hedged, which in turn would adversely affect our results of operations and financial condition. Management estimates that a 10% change in the exchange rate between British Pounds and U.S. Dollars as at March 31, 2017 would have impacted our net reportable British Pound net assets by approximately \$13.6 million for the three months ended March 31, 2017 (March 31, 2016 — approximately \$10.7 million).

We manage our foreign currency risk by seeking to match our liabilities under insurance and reinsurance policies that are payable in foreign currencies with investments that are denominated in these currencies. This may involve the use of foreign exchange contracts from time to time. A foreign exchange contract involves an obligation to purchase or sell a specified currency at a future date at a price set at the time of the contract. Foreign exchange contracts will not eliminate fluctuations in the value of our assets and liabilities denominated in foreign currencies, but rather allow us to establish a rate of exchange for a future point in time. For a discussion of our derivative instruments including foreign exchange contracts, refer to Note 10 to our unaudited condensed consolidated financial statements for the three months ended March 31, 2017 included in this report.

*Credit risk.* We have exposure to credit risk primarily as a holder of fixed income securities. Our risk management strategy and investment policy is to invest in debt instruments of high credit quality issuers and to limit the amount of credit exposure with respect to particular ratings categories, business sectors and any one issuer. As at March 31, 2017, the average rating of fixed income securities in our investment portfolio was “AA-” (December 31, 2016 — “AA-”).

In addition, we are exposed to the credit risk of our insurance and reinsurance brokers to whom we make claims payments for our policyholders, as well as to the credit risk of our reinsurers and retrocessionaires who assume business from us. Other than fully collateralized reinsurance, the substantial majority of our reinsurers have a rating of "A" (Excellent), the third highest of fifteen rating levels, or better by A.M. Best and the minimum rating of any of our material reinsurers is "A-" (Excellent), the fourth highest of fifteen rating levels, by A.M. Best.

#### **Item 4. Controls and Procedures**

##### **Evaluation of Disclosure Controls and Procedures**

The Company, under the supervision and with the participation of the Company's management, including the Company's Chief Executive Officer and Chief Financial Officer, has evaluated the design and operation of the Company's disclosure controls and procedures as of the end of the period of this report. Our management does not expect that our disclosure controls or our internal controls will prevent all errors and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. As a result of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within the Company have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons or by collusion of two or more people. The design of any system of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions; over time, controls may become inadequate because of changes in conditions, or the degree of compliance with the policies or procedures may deteriorate. As a result of the inherent limitations in a cost-effective control system, misstatement due to error or fraud may occur and not be detected. Accordingly, our disclosure controls and procedures are designed to provide reasonable, not absolute, assurance that the disclosure requirements are met. Based on the evaluation of the disclosure controls and procedures, the Chief Executive Officer and Chief Financial Officer have concluded that the Company's disclosure controls and procedures were effective in ensuring that information required to be disclosed in the reports filed or submitted to the Commission under the Exchange Act by the Company is recorded, processed, summarized and reported in a timely fashion, and is accumulated and communicated to management, including the Company's Chief Executive Officer and Chief Financial Officer, to allow timely decisions regarding required disclosure.

##### **Changes in Internal Control over Financial Reporting**

The Company's management has performed an evaluation, with the participation of the Company's Chief Executive Officer and the Company's Chief Financial Officer, of changes in the Company's internal control over financial reporting that occurred during the three months ended March 31, 2017. Based upon that evaluation, the Company's management is not aware of any change in its internal control over financial reporting that occurred during the three months ended March 31, 2017 that has materially affected, or is reasonably likely to materially affect, the effectiveness of the Company's internal control over financial reporting.

## PART II OTHER INFORMATION

### **Item 1. Legal Proceedings**

Similar to the rest of the insurance and reinsurance industry, we are subject to litigation and arbitration in the ordinary course of our business. Our Operating Subsidiaries are regularly engaged in the investigation, conduct and defense of disputes, or potential disputes, resulting from questions of insurance or reinsurance coverage or claims activities. Pursuant to our insurance and reinsurance arrangements, many of these disputes are resolved by arbitration or other forms of alternative dispute resolution. In some jurisdictions, noticeably the U.S., a failure to deal with such disputes or potential disputes in an appropriate manner could result in an award of “bad faith” punitive damages against our Operating Subsidiaries. In addition, we may be subject to lawsuits and regulatory actions in the normal course of business that do not arise from, or directly relate to, insurance and reinsurance coverage or claims. This category of litigation typically involves, among other things, allegations of underwriting errors or omissions, employment claims or regulatory activity.

While any legal or arbitration proceedings contain an element of uncertainty, we do not believe that the eventual outcome of any specific litigation, arbitration or alternative dispute resolution proceedings to which we are currently a party will have a material adverse effect on the financial condition of our business as a whole.

### **Item 1A. Risk Factors**

You should carefully consider the risk factors and all other information set forth in our Annual Report on Form 10-K for the year ended December 31, 2016 filed with the United States Securities and Exchange Commission, as supplemented by the following risk factor and other information in this report. These risks could materially affect our business, results of operations or financial condition. Please refer to the “Cautionary Statement Regarding Forward-Looking Statements” provided above in this report.

#### **The vote by the U.K. electorate in favor of a U.K. exit from the E.U. in the recent referendum could adversely impact our business, results of operations and financial condition.**

The referendum on the United Kingdom’s membership in the E.U. was held on June 23, 2016 and resulted in a vote in favor of the withdrawal of the United Kingdom from the E.U. (“Brexit”). The formal process of the United Kingdom leaving the E.U. commenced on March 29, 2017 when the Prime Minister of the United Kingdom notified the European Council under Article 50 of the Treaty on the European Union (“Article 50”) of the United Kingdom’s intention to leave. The United Kingdom will remain a member state of the E.U. until it negotiates and reaches an agreement in relation to the withdrawal from the E.U. or, if earlier, upon the expiration of a two year period following the Article 50 notification. It is currently unclear what type of agreements will be concluded between the United Kingdom and the E.U. and if the United Kingdom will continue to have access to the single market of the E.U. In any case, the U.K. Prime Minister has promised that the U.K. Parliament will have a final vote to ratify the withdrawal agreement that is negotiated with the E.U. It is possible that the withdrawal process may last significantly longer than the two year period envisaged by the Treaty of the European Union.

The uncertainty surrounding the implementation and effect of Brexit, the terms and conditions of such exit, the legal and regulatory framework that would apply to the United Kingdom and its relationship with the remaining members of the E.U. (including in relation to trade and services) during a withdrawal process and after any Brexit is effected has caused, and is likely to cause, increased economic volatility and market uncertainty globally, in particular volatility of currency exchange rates, interest rates and credit spreads. It has already led, and may continue to lead, to disruptions for the European and global financial markets, such as the decrease in the value of the British Pound and of market values of listed E.U. companies, in particular from the financial services and insurance sector, and the downgrade of the credit ratings for the U.K. by Standard & Poor’s, Moody’s and Fitch (all with negative outlook).

In addition to the above, the Prime Minister of the United Kingdom announced on April 18, 2017 that she would call a snap general election to be held on June 8, 2017. The reasons given for this decision included the need to influence the Brexit negotiations. This will increase the political uncertainty in the U.K. at least until the election is concluded and could cause further economic volatility and market uncertainty as described above.

As well as short-term issues, the long-term effect of Brexit on the value of our investment portfolio at this time is uncertain and such volatility and uncertainty will likely continue as negotiations progress to determine the future terms of the United Kingdom’s relationship with the E.U.

Brexit could lead to potentially divergent national laws and regulations as the United Kingdom determines which European Union laws to replace or replicate. We may have to review our underwriting platforms and incur additional regulatory costs as a result. For example, depending on the outcome of the negotiations referred to above, our U.K. operations could lose their E.U.

financial services passport which provides them the license to operate across borders within the single E.U. market without obtaining local regulatory approval where insurers and cedants are located. Our Lloyd's operations would be subject to the decisions taken by the Council of Lloyd's in connection with operating a subsidiary in Belgium which is the proposed E.U. location through which Lloyd's businesses would seek access to the single market following Brexit. This is a result of Lloyd's plans to open an office in Brussels to maintain continued access to the E.U. markets. Such decision and any operational and capital requirements relating thereto might result in increased costs or Funds at Lloyd's and might not provide the same access to markets that AMAL and AUL currently require to conduct business in the E.U. In addition, depending on the terms of Brexit, the U.K.'s regulatory regime in terms of Solvency II regulation and governance could also diverge and no longer be equivalent. For more information, see "The E.U. Directive on Solvency II may affect the way in which Aspen U.K. and AMAL manage their businesses and may, among other things, lead to Aspen Bermuda posting collateral in respect of its EEA cedants" in our 2016 Annual Report on Form 10-K filed with the SEC.

Depending on the terms of Brexit, the U.K. could also lose access to the single E.U. market and to the global trade deals negotiated by the E.U. on behalf of its members. Such a decline in trade could affect the attractiveness of the U.K. as a global investment center and, as a result, could have a detrimental impact on U.K. growth. Although we have an international customer base, we could be adversely affected by reduced growth and greater volatility in the U.K. economy.

Changes to U.K. immigration policy could likewise occur as a result of Brexit, including by restricting the free travel of employees from and to the United Kingdom. Although the U.K. will likely seek to retain its diverse pool of talent, London's role as a global center for specialty (re)insurance business may decline, particularly if financial services entities shift their headquarters to the E.U. and the E.U. financial services passport is not maintained.

Finally, there is also some concern that the result of the Brexit referendum could encourage other countries to conduct their own referenda on their continuing relationship with and participation in the E.U. This could possibly lead to exits by other E.U. members, which could draw out the current levels volatility and uncertainty being felt within the E.U. market. Any of the above effects of Brexit, and others which cannot be anticipated, could adversely affect our business, results of operations, financial condition.

**Item 2. *Unregistered Sales of Equity Securities and Use of Proceeds***

We did not repurchase any of the Company's ordinary shares during the quarter ended March 31, 2017.

**Item 3. *Defaults Upon Senior Securities***

None.

**Item 4. *Mine Safety Disclosures***

None.

**Item 5. *Other Information***

Disclosure of Certain Activities Relating to Iran

Section 13(r) of the Securities Exchange Act of 1934, as amended (“Section 13(r)”), requires all issuers that file annual or quarterly reports with the SEC to disclose certain activities, transactions or dealings with Iran. Many of the activities, transactions and dealings that Section 13(r) requires to be reported were previously subject to U.S. sanctions or prohibited by applicable local law. On January 16, 2016, the United States and the E.U. eased sanctions against Iran pursuant to the Joint Comprehensive Plan of Action, and many of the reportable activities, transactions and dealings under Section 13(r) are no longer subject to U.S. sanctions and no longer prohibited by applicable local law.

Certain of our operations located outside the United States underwrite marine and energy treaties on a worldwide basis and, as a result, the underlying insurance and reinsurance portfolios may have exposure to the Iranian petroleum resources, refined petroleum, and petrochemical industries. For example, certain of our operations underwrite global marine hull and cargo policies that provide coverage for vessels navigating into and out of ports worldwide, including Iran. We do not believe that any coverage we have provided has directly or significantly facilitated or contributed to the Iranian petroleum resources, refined petroleum, or petrochemical industry.

For the quarter ended March 31, 2017, we are not aware of any premium apportionment with respect to underwriting insurance or reinsurance activities reportable under Section 13(r). Should any such risks have entered into the stream of commerce covered by the insurance and reinsurance portfolios underlying our treaties, we believe that the premiums associated with such business would be immaterial.

**Item 6. Exhibits**

(a) The following sets forth those exhibits filed pursuant to Item 601 of Regulation S-K:

<b><u>Exhibit Number</u></b>	<b><u>Description</u></b>
10.1	<a href="#"><u>Second Amended and Restated Credit Agreement, filed with this report.</u></a>
31.1	<a href="#"><u>Officer Certification of Christopher O’Kane, Chief Executive Officer of Aspen Insurance Holdings Limited, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, filed with this report.</u></a>
31.2	<a href="#"><u>Officer Certification of Scott Kirk, Chief Financial Officer of Aspen Insurance Holdings Limited, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, filed with this report.</u></a>
32.1	<a href="#"><u>Officer Certification of Christopher O’Kane, Chief Executive Officer of Aspen Insurance Holdings Limited, and Scott Kirk, Chief Financial Officer of Aspen Insurance Holdings Limited, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, submitted with this report.</u></a>
101	The following financial information from Aspen Insurance Holdings Limited’s quarterly report on Form 10-Q for the quarter ended March 31, 2017 formatted in XBRL: (i) Unaudited Condensed Consolidated Balance Sheets at March 31, 2017 and December 31, 2016; (ii) Unaudited Condensed Consolidated Statements of Operations and Other Comprehensive Income for the three ended March 31, 2017 and 2016; (iii) Unaudited Condensed Consolidated Statements of Shareholders’ Equity for the three months ended March 31, 2107 and 2016; (iv) Unaudited Condensed Consolidated Statements of Cash Flows for the three months ended March 31, 2017 and 2016; and (v) Notes to Unaudited Condensed Consolidated Financial Statements, tagged as blocks of text and in detail.*

\* As provided in Rule 406T of Regulation S-T, this information is “furnished” herewith and not “filed” for purposes of Sections 11 and 12 of the Securities Act and Section 18 of the Exchange Act. Such exhibit will not be deemed to be incorporated by reference into any filing under the Securities Act or the Exchange Act unless Aspen Holdings specifically incorporates it by reference.

## SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

### ASPEN INSURANCE HOLDINGS LIMITED

(Registrant)

Date: May 4, 2017

By: /s/ Christopher O'Kane

Christopher O'Kane  
Chief Executive Officer

Date: May 4, 2017

By: /s/ Scott Kirk

Scott Kirk  
Chief Financial Officer

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## Section 2: EX-10.1 (EXHIBIT 10.1)

**Exhibit 10.1**

### SECOND AMENDED AND RESTATED CREDIT AGREEMENT

among

ASPEN INSURANCE HOLDINGS LIMITED,

The Subsidiary Borrowers

from Time to Time Parties Hereto,

The Several Lenders from Time to Time Parties Hereto,

THE BANK OF NEW YORK MELLON,

as Collateral Agent,

CITIBANK, N.A.,

as Syndication Agent,

DEUTSCHE BANK SECURITIES INC.,  
THE BANK OF NEW YORK MELLON and  
LLOYDS SECURITIES INC.,

As Co-Documentation Agents,

and

BARCLAYS BANK PLC,

as Administrative Agent

Dated as of March 27, 2017

BARCLAYS BANK PLC and CITIGROUP GLOBAL MARKETS INC.,  
as Joint Lead Arrangers and Joint Bookrunners



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- 7.2(b)(iv) Existing Indebtedness
- 7.5 Investments
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EXHIBITS:

- A Form of Compliance Certificate
- B-1 Form of Closing Certificate of the Company
- B-2 Form of Closing Certificate of each Subsidiary Borrower
- C Form of Assignment and Assumption
- D-1 Form of Legal Opinion of Mayer Brown LLP
- D-2 Form of Legal Opinion of Appleby (Bermuda) Limited
- E-1 Form of Exemption Certificate (Non-Partnerships)
- E-2 Form of Exemption Certificate (Partnerships)
- F Form of Company Note
- G Form of Subsidiary Borrower Note
- H Form of Notice of Conversion/Continuation
- I Form of Subsidiary Borrower Agreement
- J Form of Commitment Increase Supplement
- K Form of New Lender Supplement
- L Form of Several Letter of Credit
- M Form of Borrowing Request
- N Form of Prepayment Notice



SECOND AMENDED AND RESTATED CREDIT AGREEMENT (this "Agreement"), dated as of March 27, 2017, among ASPEN INSURANCE HOLDINGS LIMITED, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined below; together with the Company, collectively, the "Borrowers" and individually, a "Borrower"), the several banks and other financial institutions or entities from time to time parties to this Agreement (the "Lenders"), CITIBANK, N.A., as syndication agent (in such capacity, the "Syndication Agent"), DEUTSCHE BANK SECURITIES INC., THE BANK OF NEW YORK MELLON and LLOYDS SECURITIES INC., as co-documentation agents (in such capacities, each a "Co-Documentation Agent"), THE BANK OF NEW YORK MELLON, as collateral agent, and BARCLAYS BANK PLC, as administrative agent.

The parties hereto hereby agree as follows:

SECTION 1                      DEFINITIONS

1.1 Defined Terms. As used in this Agreement, the terms listed in this Section 1.1 shall have the respective meanings set forth in this Section 1.1.

"ABR": for any day, a rate per annum (rounded upwards, if necessary, to the next 1/100 of 1%) equal to the greatest of (a) the Prime Rate in effect on such day, (b) the Federal Funds Effective Rate in effect on such day plus ½ of 1% and (c) the one-month Eurodollar Rate plus 1.0%. Any change in the ABR due to a change in the Prime Rate, the Federal Funds Effective Rate or the Eurodollar Rate shall be effective as of the opening of business on the effective day of such change in the applicable rate. If for any reason any rate described in clause (a), (b) or (c) above is not available, then the ABR shall be determined based upon one of the other rates set forth above.

"ABR Loans": Loans that bear interest based upon the ABR.

"Account": as defined in the Security Agreement.

"Administrative Agent": Barclays Bank PLC, as the administrative agent for the Lenders under this Agreement and the other Loan Documents, together with any of its successors.

"Advance Rate": for any category of cash or obligation or investment specified below in the column entitled "Cash and Eligible Securities" (other than cash, the "Eligible Securities"), the percentage set forth opposite such category of cash or Eligible Securities below in the column entitled "Advance Rate" and, in each case, subject to the original term to maturity criteria set forth therein:

**Cash and Eligible Securities    Advance Rate**

Cash Denominated in Dollars    100%

Investments in Permitted Funds (as defined below) 95%

U.S. Government Bills, Notes and U.S. Government Guaranteed or Sponsored Agency Securities (including FNMA and FHLMC)

Maturity  $\leq$  2 years 95%

Maturity  $\leq$  10 years, but  $>$  2 years 90%

Maturity  $>$  10 years 85%

Non-U.S. Government and Supranational Organization Obligations (Rating AA- or better or Aa3 or better)

Maturity  $\leq$  5 years 90%

Maturity  $\leq$  10 years, but  $>$  5 years 85%

Maturity  $>$  10 years 80%

U.S. Corporate Bonds (Rating A1 or better or A+ or better, Non-convertible)

Maturity  $\leq$  5 years 90%

Maturity  $\leq$  10 years, but  $>$  5 years 85%

Maturity  $>$  10 years 80%

U.S. Corporate Bonds (Rating A3 or better or A- or better but lower than A1 or A+, Non-convertible)

Maturity  $\leq$  10 years 80%

All other securities 0%

Notwithstanding the foregoing, (a) the advance rate on securities issued by the Federal Home Loan Mortgage Corporation ("FHLMC" also known as "Freddie Mac") and the Federal National Mortgage Association ("FNMA" also known as "Fannie Mae") shall be decreased by an additional 7.5% to the extent that either FHLMC or FNMA shall no longer be under the conservatorship of the Federal Housing Finance Agency and (b) the value of the amount included in the Borrowing Base for the marketable securities set forth above shall be decreased by an additional 10.0% to the extent that such marketable securities are held in a currency other than the currency of the applicable Secured Letter of Credit.

"Affiliate": as to any Person, any other Person that, directly or indirectly, is in control of, is controlled by, or is under common control with, such Person. For purposes of this definition, "control" of a Person means the power, directly or indirectly, either to (a) vote 20% or more of the securities having ordinary voting power for the election of directors (or persons performing similar functions) of such Person or (b) direct or cause the direction of the management and policies of such Person, whether by contract or otherwise.

"Agents": the collective reference to the Syndication Agent, the Administrative Agent, the Co-Documentation Agents and the Collateral Agent.

“Aggregate Exposure”: with respect to any Lender at any time, an amount equal to the amount of such Lender’s Commitment then in effect or, if the Commitments have been terminated, the amount of such Lender’s Extensions of Credit then outstanding.

“Aggregate Exposure Percentage”: with respect to any Lender at any time, the ratio (expressed as a percentage) of such Lender’s Aggregate Exposure at such time to the Aggregate Exposure of all Lenders at such time; provided that when a Defaulting Lender shall exist, any such Defaulting Lender’s Commitment shall be disregarded in the calculation of Aggregate Exposure Percentage.

“Agreement”: as defined in the preamble hereto.

“Anti-Corruption Laws”: all laws, rules and regulations of any jurisdiction applicable to the Company or any of its Subsidiaries from time to time concerning or relating to bribery or corruption, including the United States Foreign Corruption Practices Act of 1977 and the rules and regulations thereunder.

“Applicable Issuing Party”: (a) in the case of Fronted Letters of Credit, the Issuing Lender and (b) in the case of Several Letters of Credit, the L/C Administrator.

“Applicable Margin”: the rate per annum set forth under the relevant column heading in Annex A.

“Application”: an application, in such form as the applicable Issuing Lender may specify from time to time, requesting such Issuing Lender to issue a Letter of Credit.

“Approved Fund”: as defined in Section 11.6(b).

“Assignee”: as defined in Section 11.6(b).

“Assignment and Assumption”: an Assignment and Assumption, substantially in the form of Exhibit C.

“Available Commitment”: as to any Lender at any time, an amount equal to the excess, if any, of (a) such Lender’s Commitment then in effect over (b) such Lender’s Extensions of Credit then outstanding.

“Bail-In Action”: the exercise of any Write-down and Conversion Powers by the applicable EEA Resolution Authority in respect of any liability of an EEA Financial Institution.

“Bail-In Legislation”: with respect to any EEA Member Country implementing Article 55 of the Directive 2014/59/EU of the European Parliament and of the Council of the European Union, the implementing law for such EEA Member Country from time to time which is described in the EU Bail-In Legislation Schedule.

“Benefitted Lender”: as defined in Section 11.7.

“Bermuda Companies Law”: The Bermuda Companies Act of 1981, as amended.

“Bermuda Insurance Law”: The Bermuda Insurance Act of 1978, as amended.

“Board”: the Board of Governors of the Federal Reserve System of the United States (or any successor).

“Borrower Representative”: the Company, in its capacity as contractual representative of the Borrowers pursuant to Section 12.

“Borrowers”: as defined in the preamble hereto.

“Borrowing Base”: at any time, and in respect of each Borrower, the aggregate amount of cash and Eligible Securities held in the Accounts applicable to such Borrower under the applicable Collateral Account Control Agreement at such time multiplied in each case by the respective Advance Rates for cash and such Eligible Securities; provided that no Eligible Securities or cash shall be included in the calculation of a Borrowing Base unless (i) the Collateral Agent has a first priority perfected Lien on and security interest in such collateral pursuant to the Loan Documents and (ii) there shall exist no other Liens on such Eligible Securities and cash; provided, further that (1) no Eligible Security shall be included in the calculation of a Borrowing Base unless (A) either transactions with respect to such Eligible Security are settled through the Depositary Trust & Clearing Corporation or such Eligible Security is listed on a generally recognized national securities exchange or is freely traded at readily established prices in over-the-counter transactions and (B) price quotations for such Eligible Security are available to the Custodian in the ordinary course of business, (2) other than cash, U.S. Government Bills, Notes, U.S. Government Guaranteed or Sponsored Agency Securities and investments in Permitted Funds, no single issue or issuer shall comprise more than 10% of a Borrowing Base for any Borrower, (3) U.S. Corporate Bonds shall be restricted to bonds with issue size of \$250,000,000 or higher, (4) Non-U.S. Government and Supranational Organization Obligations shall be excluded from the calculation of a Borrowing Base unless such marketable securities are from the OECD country member states of United Kingdom, France, Germany or Japan, (5) no more than \$100,000,000 of investments in Permitted Funds shall be included in the calculation of the Borrowing Bases for all Borrowers as of any date, (6) all maturities are calculated from the relevant date of determination of a Borrowing Base and (7) the total value included in the Borrowing Base of U.S. Corporate Bonds (Rating A3 or better or A- or better, Non-convertible) with a maturity of 10 years or shorter shall not exceed 25% of the total Borrowing Base; provided, further, that (i) the Borrowing Base in respect of any Borrower at any time shall be the amount thereof as set forth in the Borrowing Base Report (as defined in the applicable Collateral Account Control Agreement) then most recently delivered by the Collateral Agent to the Administrative Agent pursuant to Section 2 of Article III of the applicable Collateral Account Control Agreement and (ii) for the avoidance of doubt, each Borrower will take all such actions as shall be necessary to cause such Borrower to be in compliance with Article III of the applicable Collateral Account Control Agreement.

“Borrowing Date”: any Business Day specified by the Borrower Representative as a date on which the Borrower Representative requests the relevant Lenders to make Loans hereunder.

“Business Day”: a day other than a Saturday, Sunday or other day on which commercial banks in New York City or London or, for purposes of Section 2.5(b) only, Bermuda, are authorized or required by law to close; provided, that with respect to notices and determinations in connection with, and payments of principal and interest on, Eurodollar Loans, such day is also a day for trading by and between banks in Dollar deposits in the interbank eurodollar market.

“Capital Lease Obligations”: as to any Person, the obligations of such Person to pay rent or other amounts under any lease of (or other arrangement conveying the right to use) real or personal property, or a combination thereof, which obligations are required to be classified and accounted for as capital leases on a balance sheet of such Person under GAAP and, for the purposes of this Agreement, the amount of such obligations at any time shall be the capitalized amount thereof at such time determined in accordance with GAAP.

“Capital Stock”: any and all shares, interests, participations or other equivalents (however designated) of capital stock (including Hybrid Capital) of a corporation, any and all equivalent ownership interests in a Person (other than a corporation) and any and all warrants, rights or options to purchase any of the foregoing.

“Cash Equivalents”: (a) marketable direct obligations issued by, or unconditionally guaranteed by, the United States federal government or issued by any agency thereof and backed by the full faith and credit of the United States, in each case maturing within one year from the date of acquisition; (b) certificates of deposit, time deposits, eurodollar time deposits or overnight bank deposits having maturities of six months or less from the date of acquisition issued by any Lender or by any commercial bank organized under the laws of the United States or any state thereof having combined capital and surplus of not less than \$500,000,000; (c) commercial paper of an issuer rated at least ‘A-1’ by S&P or ‘P-1’ by Moody’s, or carrying an equivalent rating by a nationally recognized rating agency, if both of the two named rating agencies cease publishing ratings of commercial paper issuers generally, and maturing within six months from the date of acquisition; (d) repurchase obligations of any Lender or of any commercial bank satisfying the requirements of clause (b) of this definition, having a term of not more than 30 days, with respect to securities issued or fully guaranteed or insured by the United States federal government; (e) securities with maturities of one year or less from the date of acquisition issued or fully guaranteed by any state, commonwealth or territory of the United States, by any political subdivision or taxing authority of any such state, commonwealth or territory or by any foreign government, the securities of which state, commonwealth, territory, political subdivision, taxing authority or foreign government (as the case may be) are rated at least ‘A’ by S&P or ‘A’ by Moody’s; (f) securities with maturities of six months or less from the date of acquisition backed by standby letters of credit issued by any Lender or any commercial bank satisfying the requirements of clause (b) of this definition; (g) money market mutual or similar funds that invest exclusively in assets satisfying the requirements of clauses (a) through (f) of this definition; or (h) money market funds that (i) comply with the criteria set forth in SEC Rule 2a-7 under the Investment Company Act of 1940, (ii) are rated ‘AAA’ by S&P and ‘Aaa’ by Moody’s and (iii) have portfolio assets of at least \$5,000,000,000.

“Change of Control”: any of the following: (i) any “person” or “group” (as such terms are used in Sections 13(d) and 14(d) of the Securities Exchange Act of 1934 (the “Exchange Act”) other than the Company or any Subsidiary), shall become, or obtain rights (whether by means of warrants, options or otherwise (other than any such warrants, options or other rights which are not exercisable prior to the Termination Date)) to become, the “beneficial owner” (as defined in Rules 13(d)-3 and 13(d)-5 under the Exchange Act), directly or indirectly, of shares of Capital Stock representing more than 50% of the total voting power of any Borrower; or (ii) the occupation of a majority of the seats (other than vacant seats) of the board of directors of the Company by Persons who are neither (x) the directors of the Company on the Closing Date nor (y) nominated by the board of directors of the Company nor (z) appointed by directors so nominated.

“Closing Date”: the date on which the conditions precedent set forth in Section 5.1 shall have been satisfied, which date is March 27, 2017.

“Code”: the Internal Revenue Code of 1986, as amended from time to time.

“Co-Documentation Agents”: as defined in the preamble hereto.

“Collateral”: as defined in the Security Agreement.

“Collateral Account Control Agreement”: each Collateral Account Control Agreement, among a Borrower, The Bank of New York Mellon, as securities intermediary, and the Collateral Agent, in form and substance reasonably satisfactory to the Administrative Agent.

“Collateral Agent”: as defined in the Security Agreement.

“Commitment”: as to any Lender, the obligation of such Lender to make Loans and issue or participate in Letters of Credit during the Commitment Period in an aggregate principal and/or face amount not to exceed, at any one time outstanding, the amount set forth under the heading “Commitment” opposite such Lender’s name on Schedule 1.1 or in the Assignment and Assumption pursuant to which such Lender became a party hereto, as the same may be changed from time to time pursuant to the terms hereof. The original aggregate amount of the Commitments is \$200,000,000.

“Commitment Fee”: as defined in Section 2.3(a).

“Commitment Fee Rate”: the rate per annum set forth under the relevant column heading in Annex A.

“Commitment Increase Supplement”: a supplement to this Agreement substantially in the form of Exhibit J.

“Commitment Percentage”: as to any Lender at any time, the percentage which such Lender’s Commitment then constitutes of the Total Commitments or, at any time after the Commitments

shall have expired or terminated, the percentage which the aggregate principal amount of such Lender's Loans then outstanding constitutes of the aggregate principal amount of the Loans then outstanding; provided, that in the event that the Loans are paid in full prior to the reduction to zero of the Total Extensions of Credit, the Commitment Percentages shall be determined in a manner designed to ensure that the other outstanding Extensions of Credit shall be held by the Lenders on a comparable basis.

"Commitment Period": the period from and including the Closing Date to but excluding the Termination Date.

"Commitment Share": as defined in Section 3.8(a).

"Commonly Controlled Entity": an entity, whether or not incorporated, that is under common control with the Company or any Subsidiary within the meaning of Section 4001 of ERISA or is part of a group that includes the Company or any Subsidiary and that is treated as a single employer under Section 414(b) or (c) of the Code or, solely for purposes of Sections 302 and 303 of ERISA and Sections 412 and 4971 of the Code, is treated as a single employer under Section 414(b), (c), (m) or (o) of the Code.

"Company": as defined in the preamble hereto.

"Compliance Certificate": a certificate duly executed by a Responsible Officer of the Company substantially in the form of Exhibit A.

"Confidential Information Memorandum": the Confidential Information Memorandum dated February 2017 and furnished to certain Lenders.

"Connection Income Taxes" means Other Connection Taxes that are imposed on or measured by net income (however denominated) or that are franchise Taxes or branch profits Taxes.

"Consolidated Leverage Ratio": as of the last day of any fiscal quarter (expressed as a percentage), Consolidated Total Debt, divided by the sum of (i) Consolidated Total Debt and (ii) Consolidated Tangible Net Worth.

"Consolidated Net Income": for any period, the consolidated net income (or loss) of the Company and its Subsidiaries, determined on a consolidated basis in accordance with GAAP.

"Consolidated Tangible Net Worth": of the Company at any date, the consolidated stockholders' equity (including Hybrid Capital) of the Company and its Subsidiaries less their consolidated intangible assets, all determined on a consolidated basis as of such date in accordance with GAAP.

"Consolidated Total Debt": at any date, the aggregate principal amount of all Indebtedness of the Company and its Subsidiaries at such date, determined on a consolidated basis in accordance with GAAP; provided that there shall be excluded from Consolidated Total Debt the then aggregate undrawn face amount of all then outstanding letters of credit issued on behalf of the Company and/or any of its Subsidiaries

(but the aggregate amount of drawings under such letters of credit that have not then been reimbursed shall not be so excluded). For the avoidance of doubt, Consolidated Total Debt shall not include Hybrid Capital.

“Contractual Obligation”: as to any Person, any provision of any security issued by such Person or of any agreement, instrument or other undertaking to which such Person is a party or by which it or any of its property is bound.

“Currency of Payment”: as defined in Section 11.15.

“Custodian”: as defined in the Security Agreement.

“Default”: any of the events specified in Section 8, whether or not any requirement for the giving of notice, the lapse of time, or both, has been satisfied.

“Defaulting Lender”: any Lender, as reasonably determined by the Administrative Agent, that has (a) failed to fund any portion of its Loans, Several Letters of Credit or participations in Fronted Letters of Credit within three Business Days of the date required to be funded by it hereunder (unless, in the case of any Loan, such Lender notifies the Administrative Agent and the Borrower in writing that such failure is the result of such Lender’s determination that one or more conditions precedent to funding (each of which conditions precedent, together with any applicable default, shall be specifically identified in such writing) has not been satisfied), (b) notified the Borrower, the Administrative Agent, any Issuing Lender or any Lender in writing that it does not intend to comply with any of its funding obligations under this Agreement or has made a public statement to the effect that it does not intend to comply with its funding obligations under this Agreement or under other agreements generally in which it commits to extend credit (unless such writing or public statement relates to such Lender’s obligation to fund a Loan hereunder and states that such position is based on such Lender’s determination that a condition precedent to funding (which condition precedent, together with any applicable default, shall be specifically identified in such writing or public statement) cannot be satisfied), (c) failed, within three Business Days after request by the Administrative Agent, to confirm that it will comply with the terms of this Agreement relating to its obligations to fund prospective Loans, Several Letters of Credit and participations in then outstanding Fronted Letters of Credit, (d) otherwise failed to pay over to the Administrative Agent or any other Lender any other amount required to be paid by it hereunder within three Business Days of the date when due, unless the subject of a reasonable good faith dispute, (e) (i) become or is insolvent or has a parent company that has become or is insolvent or (ii) become the subject of a bankruptcy or insolvency proceeding, or (iii) has had appointed for it a receiver, custodian, conservator, trustee, administrator, assignee for the benefit of creditors or similar Person charged with reorganization or liquidation of its business or assets, including the Federal Deposit Insurance Corporation or any other state or federal regulatory authority acting in such a capacity or (f) become the subject of a Bail-in Action; provided that a Lender shall not be a Defaulting Lender solely by virtue of the ownership or acquisition of any equity interest in such Lender or any direct or indirect parent company thereof by a Governmental Authority so long as such ownership interest does not result in or provide such Lender with immunity from the jurisdiction of courts within the United States or from the enforcement of judgments or



writs of attachment on its assets or permit such Lender (or such Governmental Authority) to reject, repudiate, disavow or disaffirm any contracts or agreements made with such Lender.

“Disposition”: with respect to any property, any sale, lease, sale and leaseback, assignment, conveyance, transfer or other disposition thereof. The terms “Dispose” and “Disposed of” shall have correlative meanings.

“Dollar Amount”: at any time (a) as to any amount in Dollars, such amount and (b) as to any amount in Pounds Sterling, the then Dollar Equivalent thereof.

“Dollar Equivalent”: with respect to any amount of Pounds Sterling on any date, the equivalent amount in Dollars of such amount of Pounds Sterling as determined by the Administrative Agent in accordance with Section 1.3 using the applicable Exchange Rate.

“Dollars” and “\$”: dollars in lawful currency of the United States.

“Domestic Subsidiary”: any Subsidiary organized under the laws of any jurisdiction within the United States.

“EEA Financial Institution”: (a) any institution established in any EEA Member Country which is subject to the supervision of an EEA Resolution Authority, (b) any entity established in an EEA Member Country which is a parent of an institution described in clause (a) of this definition, or (c) any institution established in an EEA Member Country which is a subsidiary of an institution described in clauses (a) or (b) of this definition and is subject to consolidated supervision with its parent.

“EEA Member Country”: any of the member states of the United Kingdom, European Union, Iceland, Liechtenstein and Norway.

“EEA Resolution Authority”: any public administrative authority or any Person entrusted with public administrative authority of any EEA Member Country (including any delegee) having responsibility for the resolution of any EEA Financial Institution.

“Eligible Securities”: as provided in the definition of the term Advance Rate.

“Environmental Laws”: any and all applicable foreign, Federal, state, local or municipal laws, requirements of any Governmental Authority or other Requirements of Law (including common law) regulating, relating to or imposing liability relating to (a) pollution or protection of the environment, (b) exposure of any Person to hazardous emissions or releases of Hazardous Materials, (c) protection of the public health or welfare from the effects of products; by-products, emissions or releases of Hazardous Materials and (d) regulation of the manufacture, use or introduction into commerce of Hazardous Materials.

“ERISA”: the Employee Retirement Income Security Act of 1974.

“Eurodollar Loans”: Loans that bear interest based upon the Eurodollar Rate.

“EU Bail-In Legislation Schedule”: the EU Bail-In Legislation Schedule published by the Loan Market Association (or any successor Person), as in effect from time to time.

“Eurodollar Rate”: for any Interest Period as to any Eurodollar Loan, (i) the rate per annum determined by the Administrative Agent to be the offered rate which appears on the page of the Reuters Screen which displays the London interbank offered rate administered by ICE Benchmark Administration Limited (such page currently being the LIBOR01 page) (the “LIBO Rate”) for deposits (for delivery on the first day of such Interest Period) with a term equivalent to such Interest Period in Dollars, determined as of approximately 11:00 a.m. (London, England time), two Business Days prior to the commencement of such Interest Period or (ii) in the event the rate referenced in the preceding clause (i) does not appear on such page or service or if such page or service shall cease to be available, the rate determined by the Administrative Agent to be the offered rate on such other page or other service which displays an average LIBO Rate for deposits (for delivery on the first day of such Interest Period) with a term equivalent to such Interest Period in Dollars, determined as of approximately 11:00 a.m. (London, England time) two Business Days prior to the commencement of such Interest Period; provided, that if LIBO Rates are quoted under either of the preceding clauses (i) or (ii), but there is no such quotation for the Interest Period elected, the LIBO Rate shall be equal to the Interpolated Rate; and provided, further, that if any such rate determined pursuant to the preceding clauses (i) or (ii) is below zero, the Eurodollar Rate shall be deemed to be zero.

“Eurodollar Tranche”: the collective reference to Eurodollar Loans the then current Interest Periods with respect to all of which begin on the same date and end on the same later date (whether or not such Loans shall originally have been made on the same day).

“Event of Default”: any of the events specified in Section 8; provided that any requirement for the giving of notice, the lapse of time, or both, has been satisfied.

“Exchange Rate”: on any day, with respect to Pounds Sterling, the rate at which such currency may be exchanged into Dollars, as set forth at approximately 11:00 A.M., New York time, on such date on the Reuters World Currency Page for Pounds Sterling. In the event that such rate does not appear on any Reuters World Currency Page, the Exchange Rate shall be determined by reference to such other publicly available service for displaying exchange rates as may be selected by the Administrative Agent, or, in the event no such service is selected, such Exchange Rate shall instead be the arithmetic average of the spot rates of exchange of the Administrative Agent in the market where its foreign currency exchange operations in respect of Pounds Sterling are then being conducted, at or about 10:00 A.M., local time, on such date for the purchase of the relevant currency for delivery two Business Days later; provided that if at the time of any such determination, for any reason, no such spot rate is being quoted, the Administrative Agent, after consultation with the Company, may use any reasonable method it deems appropriate to determine such rate, and such determination shall be presumed correct absent manifest error.

“Excluded Taxes”: means, with respect to the Administrative Agent, the Collateral Agent, any Lender or any other recipient (each of the foregoing, a “Recipient”) of any payment to be made by or on account of any obligation of any Borrower hereunder (or under any other Loan Documents), (a) franchise Taxes or Taxes imposed on (or measured by) the net income of such Recipient (i) by the United States of America, or by the jurisdiction under the laws of which such Recipient is organized or in which its principal office is located or, in the case of any Lender, in which its applicable lending office is located or (ii) that are Other Connection Taxes; (b) any branch profits Taxes (i) imposed on such Recipient by the United States of America or any other jurisdiction in which such Recipient is organized or in which its principal office is located or, in the case of any Lender, in which its applicable lending office is located or (ii) that are Other Connection Taxes; (c) any U.S. federal withholding Tax (with respect to payments made by any U.S. Borrower) or United Kingdom withholding tax (with respect to payments made by any Borrower organized in the United Kingdom) that is in effect and would apply to amounts payable to (i) a Lender (other than a Lender on the Closing Date) at the time such Lender becomes a party to this Agreement or (ii) any Lender at the time such Lender designates a new lending office, except to the extent, in (i) or (ii), as applicable, such Lender (or its assignor, if any) was entitled, at the time of designation of a new lending office (or assignment), to receive additional amounts from any Borrower with respect to withholding tax pursuant to Section 2.13(a) subject to the Borrower’s rights under Section 2.15 and Section 2.16); (d) Taxes attributable to such Recipient’s failure to comply with Section 2.13(e); and (e) any U.S. federal withholding Tax imposed under FATCA.

“Existing Credit Agreement”: the Amended and Restated Credit Agreement, dated as of June 12, 2013, among the Company, the Subsidiary Borrowers (as defined therein) party thereto, the several banks and other financial institutions or entities from time to time parties thereto, The Bank of New York Mellon, as collateral agent, Barclays Bank PLC, as administrative agent, and the other agents party thereto.

“Extensions of Credit”: as to any Lender at any time, an amount equal to the sum of (a) the aggregate principal amount of all Loans held by such Lender then outstanding and (b) such Lender’s Commitment Percentage of the L/C Obligations then outstanding.

“FATCA”: Sections 1471 through 1474 of the Code, as of the date of this Agreement (or amended or successor version that is substantially comparable and not materially more onerous to comply with), any current or future Treasury regulations promulgated thereunder or official administrative interpretations thereof and any agreements entered into pursuant to Section 1471(b)(1) of the Code, any intergovernmental agreement entered into in connection with the implementation of such Sections of the Code and any fiscal or regulatory legislation, rules or practices adopted pursuant to such intergovernmental agreement.

“Federal Funds Effective Rate”: for any day, the rate per annum equal to the weighted average of the rates on overnight federal funds transactions with members of the Federal Reserve System arranged by federal funds brokers, as published on the next succeeding Business Day by the Federal Reserve Bank of New York, or, if such rate is not so published for any day that is a Business Day, the average of the

quotations for the day of such transactions received by the Administrative Agent from three federal funds brokers of recognized standing selected by it.

“Fee Payment Date”: (a) the last Business Day of each March, June, September and December after the Closing Date and (b) the last day of the Commitment Period.

“Foreign Borrower”: the Company and any Subsidiary Borrower that is not a Domestic Subsidiary.

“Fronted L/C Commitment”: as to any Issuing Lender, the obligation of such Issuing Lender to issue Fronted Letters of Credit during the Commitment Period in an aggregate face amount not to exceed an amount to be separately agreed between such Issuing Lender and the Company.

“Fronted Letter of Credit”: a Letter of Credit issued by an Issuing Lender in which the Lenders purchase risk participations pursuant to Section 3.4(a).

“Funding Office”: the office of the Administrative Agent specified in Section 11.2 or such other office as may be specified from time to time by the Administrative Agent as its funding office by written notice to the Borrower Representative and the Lenders.

“GAAP”: generally accepted accounting principles in the United States as in effect from time to time and set forth in any rule, regulation, opinion or pronouncement of the Accounting Principles Board and the American Institute of Certified Public Accountants and any rule, regulation, opinion or pronouncement of the Financial Accounting Standards Board (or agencies with similar functions of comparable stature and authority within the U.S. accounting profession), which are applicable to the circumstances as of the date of determination.

“Governmental Authority”: any nation or government, any state or other political subdivision thereof, any agency, authority, instrumentality, regulatory body, court, central bank or other entity exercising executive, legislative, judicial, taxing, regulatory or administrative functions of or pertaining to government (including any supra-national body such as the European Union or the European Central Bank), any securities exchange, any self-regulatory organization (including the National Association of Insurance Commissioners, the U.K. Financial Services Authority and the Bermuda Monetary Authority).

“Group Members”: the collective reference to the Company and its Subsidiaries.

“Guarantee Obligation”: as to any Person (the “guarantor”), means any obligation, including a reimbursement, counterindemnity or similar obligation, of the guarantor that guarantees or in effect guarantees, or which is given to induce the creation of a separate obligation by another Person (including any bank under any letter of credit) that guarantees or in effect guarantees, any Indebtedness of any other third Person (the “primary obligor”) in any manner, whether directly or indirectly, including any obligation of the guarantor, whether or not contingent, (i) to purchase any such Indebtedness or any property constituting direct or indirect security therefor, (ii) to advance or supply funds (1) for the purchase or payment of any

such Indebtedness or (2) to maintain working capital or equity capital of the primary obligor or otherwise to maintain the net worth or solvency of the primary obligor so as to enable the primary obligor to pay Indebtedness or other obligation, (iii) to purchase property, securities or services primarily for the purpose of assuring the owner of any such Indebtedness of the ability of the primary obligor to make payment of such Indebtedness or (iv) otherwise to assure or hold harmless the owner of any such Indebtedness against loss in respect thereof; provided, however, that the term Guarantee Obligation shall not include (a) endorsements of instruments for deposit or collection in the ordinary course of business or (b) obligations of any Insurance Subsidiary under any Primary Policy, Reinsurance Agreement, Retrocession Agreement or Other Insurance Product that is entered into in the ordinary course of business. The amount of any Guarantee Obligation of any guarantor shall be deemed to be the lower of (a) an amount equal to the stated or determinable amount of the Indebtedness in respect of which such Guarantee Obligation is made as such amount may be reduced from time to time and (b) the maximum amount for which such guarantor may be liable pursuant to the terms of the instrument embodying such Guarantee Obligation, as such amount may be reduced from time to time unless such Indebtedness and the maximum amount for which such guarantor may be liable are not stated or determinable, in which case the amount of such Guarantee Obligation shall be such guarantor's maximum reasonably anticipated liability in respect thereof as determined by the Company in good faith. The term "Guarantee" as a verb has a corresponding meaning.

"Hazardous Materials": any substance, material or waste that is classified, regulated or otherwise characterized under any Environmental Law as hazardous, toxic, a contaminant or a pollutant or by other words of similar meaning or regulatory effect, including petroleum or petroleum distillates, asbestos or asbestos containing materials, polychlorinated biphenyls, radioactive substances, and infectious or medical wastes.

"Hybrid Capital": at any time, all subordinated securities, instruments or other obligations issued by the Company to the extent that such securities, instruments or other obligations (i) are accorded equity treatment by S&P at issuance and (ii) mature no earlier than the date which is six months after the Termination Date.

"ILS Entity" means Silverton Re Ltd. and any other entity formed or sponsored by a Group Member in connection with the establishment and/or management of insurance-linked securities.

"Indebtedness": of any Person at any date, without duplication, (a) all indebtedness of such Person for borrowed money, (b) all obligations of such Person for the deferred purchase price of property or services (other than current trade payables incurred in the ordinary course of such Person's business), (c) all obligations of such Person evidenced by notes, bonds, debentures, loan agreements or other similar debt instruments, (d) all indebtedness created or arising under any conditional sale or other title retention agreement with respect to property acquired by such Person (even though the rights and remedies of the seller or lender under such agreement in the event of default are limited to repossession or sale of such property), (e) all Capital Lease Obligations of such Person, (f) all obligations of such Person, contingent or otherwise, as an account party or applicant under or in respect of acceptances, letters of credit, surety bonds or similar arrangements, (g) the liquidation value of all mandatorily redeemable preferred Capital Stock of such Person,

(h) net obligations of such Person under any Swap Contract, (i) any other instruments or obligations of such Person to the extent that such instruments or obligations are then classified as indebtedness by S&P, (j) all Guarantee Obligations of such Person in respect of obligations of the kind referred to in clauses (a) through (i) above, (k) all obligations of the kind referred to in clauses (a) through (j) above secured by any Lien on property (including accounts and contract rights) owned by such Person, whether or not such Person has assumed or become liable for the payment of such obligation and (l) Indebtedness of any partnership in which such Person is a general partner to the extent that applicable law requires that such Person is liable for such Indebtedness unless the terms of such Indebtedness expressly provide that such Person is not so liable. The amount of any net obligation under any Swap Contract on any date shall be deemed to be the Swap Termination Value as of such date. For the avoidance of doubt, Indebtedness shall not include the obligations of any Insurance Subsidiary under any Primary Policy, Reinsurance Agreement, Retrocession Agreement or Other Insurance Product which is entered into in the ordinary course of business.

“Information”: as defined in Section 11.17.

“Insolvency”: with respect to any Multiemployer Plan, the condition that such Plan is insolvent within the meaning of Section 4245 of ERISA.

“Insolvent”: pertaining to a condition of Insolvency.

“Insurance Subsidiary”: a Subsidiary of the Company engaged in the insurance and/or reinsurance underwriting business.

“Interest Payment Date”: (a) as to any ABR Loan, the last Business Day of each March, June, September and December to occur while such Loan is outstanding and the Termination Date, (b) as to any Eurodollar Loan having an Interest Period of three months or less, the last day of such Interest Period, (c) as to any Eurodollar Loan having an Interest Period longer than three months, each day that is three months, or a whole multiple thereof, after the first day of such Interest Period and the last day of such Interest Period and (d) as to any Loan (other than any Loan that is an ABR Loan), the date of any repayment or prepayment made in respect thereof.

“Interest Period”: as to any Eurodollar Loan, (a) initially, the period commencing on the borrowing or conversion date, as the case may be, with respect to such Eurodollar Loan and ending one, two, three or six months thereafter, as selected by the Borrower Representative in its notice of borrowing or notice of conversion, as the case may be, given with respect thereto; and (b) thereafter, each period commencing on the last day of the next preceding Interest Period applicable to such Eurodollar Loan and ending one, two, three or six months thereafter, as selected by the Borrower Representative by irrevocable notice to the Administrative Agent not later than 11:00 A.M., New York City time, on the date that is three Business Days prior to the last day of the then current Interest Period with respect thereto; provided that, all of the foregoing provisions relating to Interest Periods are subject to the following:

(i) if any Interest Period would otherwise end on a day that is not a Business Day, such Interest Period shall be extended to the next succeeding Business Day unless the result of such extension would be to carry such Interest Period into another calendar month in which event such Interest Period shall end on the immediately preceding Business Day;

(ii) the Borrower Representative may not select an Interest Period that would extend beyond the Termination Date; and

(iii) any Interest Period that begins on the last Business Day of a calendar month (or on a day for which there is no numerically corresponding day in the calendar month at the end of such Interest Period) shall end on the last Business Day of a calendar month.

“Interpolated Rate”: in relation to the LIBO Rate, the rate which results from interpolating on a linear basis between:

(i) the applicable LIBO Rate for the longest period (for which that LIBO Rate is available) which is less than the Interest Period of that Loan; and

(ii) the applicable LIBO Rate for the shortest period (for which that LIBO Rate is available) which exceeds the Interest Period of that Loan,

each as of approximately 11:00 a.m. (London, England time) two Business Days prior to the commencement of such Interest Period of that Loan.

“Issuing Lender”: any Lender (or any Affiliate thereof) that becomes an Issuing Lender pursuant to Section 3.10, with respect to Letters of Credit issued by it.

“L/C Administrator”: Barclays Bank PLC, as letter of credit administrator for the Lenders, together with any replacement L/C Administrator arising under Section 9.9(c).

“L/C Issuer”: (a) with respect to a Fronted Letter of Credit, the Issuing Lender and (b) with respect to a Several Letter of Credit, each Lender.

“L/C Obligations”: at any time, an amount equal to the sum of (a) the then aggregate Secured L/C Obligations of all Borrowers and (b) the then aggregate Unsecured L/C Obligations of all Borrowers. For purposes of determining the L/C Obligations held by any Lender, a Lender shall be deemed to hold an amount equal to the sum of (i) the aggregate amount of such Lender’s direct obligation in all outstanding Several Letters of Credit and all Reimbursement Obligations owed to such Lender in respect thereof, (ii) such Lender’s risk participation in all outstanding Fronted Letters of Credit and in all Reimbursement Obligations with respect thereto and (iii) such Lender’s risk participation in all outstanding Several Letters of Credit, if any, with respect to which another Lender has acted as Limited Fronting Lender on such Lender’s behalf pursuant to a Limited Fronting Lender Agreement in accordance with Section 3.8(c) and in all Reimbursement Obligations with respect thereto.

“L/C Participants”: the collective reference to all the Lenders other than the applicable Issuing Lender.

“Lenders”: as defined in the preamble hereto.

“Letters of Credit”: as defined in Section 3.1(a).

“Lien”: any mortgage, pledge, hypothecation, assignment, encumbrance, lien (statutory or other), charge or other security interest or any other security agreement (including the interest of a vendor or lessor in any conditional sale or other title retention agreement and any capital lease having substantially the same economic effect as any of the foregoing).

“Limited Fronting Lender”: as provided in Section 3.8(c), any Lender which is a NAIC Approved Bank that agrees that it shall be an issuer with respect to any Non-NAIC Approved Bank’s Commitment Percentage of Several Letters of Credit outstanding and/or issued during the period that such Non-NAIC Approved Bank is a Non-NAIC Approved Bank, in each case pursuant to a Limited Fronting Lender Agreement.

“Limited Fronting Lender Agreement”: as defined in Section 3.8(c).

“Loan”: any loan made by any Lender pursuant to this Agreement.

“Loan Documents”: this Agreement, the Security Documents, the Notes, any fee letter executed or delivered in connection herewith or therewith, any other document or instrument signed by any Borrower that expressly provides that it is a Loan Document as defined herein and any amendment, waiver, supplement or other modification to any of the foregoing.

“Material Adverse Effect”: any event, development or circumstance that has had or would reasonably be expected to have a material adverse effect on (a) the business, assets, liabilities, property or condition (financial or otherwise) of the Company and its Subsidiaries taken as a whole or (b) the validity or enforceability of this Agreement or any of the other Loan Documents or the rights or remedies of the Administrative Agent or the Lenders hereunder or thereunder.

“Material Subsidiary”: at any time, (i) any Subsidiary (x) the total consolidated assets or total consolidated revenues of which exceed 10% of the total consolidated assets or total consolidated revenues, respectively, of the Company and its Subsidiaries on a consolidated basis at the end of or for, respectively, the then most recently completed fiscal quarter of the Company for which financial statements shall have been made available to the Lenders as described in Section 4.1 or pursuant to Section 6.1 and/or (y) the net assets of which exceed \$100,000,000 at the end of the then most recently completed fiscal quarter of the Company for which financial statements shall have been made available to the Lenders as described in Section 4.1 or pursuant to Section 6.1, (ii) Aspen Specialty Insurance Company, (iii) Aspen U.S. Holdings, Inc. and (iv) Aspen Underwriting Limited.



“Moody’s”: Moody’s Investors Service, Inc. and its successors.

“Multiemployer Plan”: a Plan that is a multiemployer plan as defined in Section 4001(a)(3) of ERISA.

“NAIC”: the National Association of Insurance Commissioners or any successor thereto, or in the absence of the National Association of Insurance Commissioners or such successor, any other association, agency or other organization performing advisory, coordination or other like functions among insurance departments, insurance commissioners and similar Governmental Authorities of the various states of the United States toward the promotion of uniformity in the practices of such Governmental Authorities.

“NAIC Approved Bank”: any Lender that is listed on the most current “Bank List” of banks approved by the NAIC; provided that if such Lender is a Non-U.S. Lender, such Lender is acting through the United States branch of such Lender listed on such “Bank List”.

“Net Cash Proceeds”: in connection with any issuance or sale of Capital Stock by the Company, the cash proceeds received from such issuance or sale, net of attorneys’ fees and disbursements, investment banking fees and disbursements, accountants’ fees and disbursements, underwriting fees, discounts and commissions, printing expenses, any governmental or exchange fees incurred (or reasonably expected to be incurred) and other customary fees and expenses actually incurred in connection therewith; provided, that Net Cash Proceeds shall not include the proceeds of any issuance or sale of Capital Stock to the extent such proceeds are used, within twelve months of such issuance or sale, to redeem shares of Capital Stock of the Company then outstanding.

“New Lender”: any bank, financial institution or other entity that becomes a “Lender” hereunder pursuant to Section 2.1(b).

“New Lender Supplement”: a supplement to this Agreement substantially in the form of Exhibit K.

“Non-Excluded Taxes”: as defined in Section 2.13(a).

“Non-NAIC Approved Bank”: at any time, any Lender that is not a NAIC Approved Bank.

“Non-U.S. Lender”: as defined in Section 2.13(e).

“Notes”: the collective reference to any promissory note evidencing Loans, substantially in the form of Exhibit F or Exhibit G, as the case may be.

“Obligations”: the unpaid principal of and interest on (including interest accruing after the maturity of the Loans and Reimbursement Obligations and interest accruing after the filing of any petition in bankruptcy, or the commencement of any insolvency, reorganization or like proceeding, relating to any Borrower, whether or not a claim for post-filing or post-petition interest is allowed in such proceeding) the

Loans and all other obligations and liabilities of any Borrower to the Administrative Agent, the Syndication Agent and the Collateral Agent or to any Lender, whether direct or indirect, absolute or contingent, due or to become due, or now existing or hereafter incurred, which may arise under, out of, or in connection with, this Agreement (including the obligations of the Company pursuant to Section 10), any other Loan Document, the Letters of Credit or any other document made, delivered or given in connection herewith or therewith, whether on account of principal, interest, fees, reimbursement obligations, indemnities, costs, expenses or otherwise (including all reasonable fees, charges and disbursements of counsel to the Administrative Agent, the Syndication Agent, the Collateral Agent or to any Lender that are required to be paid by the Borrowers pursuant hereto).

“OFAC”: as defined in Section 4.17.

“Other Insurance Product”: any specialty insurance or reinsurance product such as contingency reinsurance and structured risks.

“Other Connection Taxes” means, with respect to any Recipient, Taxes imposed as a result of a present or former connection between such Recipient and the jurisdiction imposing such tax (other than connections arising from such Recipient having executed, delivered, become a party to, performed its obligations under, received payments under, received or perfected a security interest under, engaged in any other transaction pursuant to or enforced any Loan Document, or sold or assigned an interest in any Loan or Loan Document).

“Other Taxes”: any and all present or future stamp or documentary taxes or any other excise or property taxes, charges or similar levies arising from any payment made hereunder or from the execution, delivery or enforcement of, or otherwise with respect to, this Agreement or any other Loan Document, including any interest, additions to tax or penalties applicable thereto, except any such Taxes that are Other Connection Taxes imposed with respect to an assignment (other than an assignment made pursuant to Section 2.16).

“Participant”: as defined in Section 11.6.

“Participant Register”: as defined in Section 11.6.

“Patriot Act”: the USA Patriot Act (Title III of Pub. L. 107-56 (signed into law October 26, 2001)).

“PBGC”: the Pension Benefit Guaranty Corporation established pursuant to Subtitle A of Title IV of ERISA (or any successor).

“Permitted Fund”: any money market fund that qualifies as an investment company under the Investment Company Act of 1940 and (i) invests solely in securities issued or guaranteed as to principal and interest by the U.S. government and (ii) continues to be rated AAAm by S&P and Aaa-mf by Moody's.

“Person”: an individual, partnership, corporation, limited liability company, business trust, joint stock company, trust, unincorporated association, joint venture, Governmental Authority or other entity of whatever nature.

“Plan”: at a particular time, any employee benefit plan that is subject to ERISA and in respect of which a Borrower, a Subsidiary or (with respect to an employee benefit plan subject to Title IV of ERISA) a Commonly Controlled Entity is (or, if such plan were terminated at such time, would under Section 4069 of ERISA be deemed to be) an “employer” as defined in Section 3(5) of ERISA responsible for contributing to or under or having any liability.

“Pounds Sterling” or “£”: the lawful money of the United Kingdom.

“Pricing Grid”: the table set forth on Annex A.

“Primary Policy”: any insurance policy issued by an Insurance Subsidiary.

“Prime Rate” : the rate of interest last quoted by The Wall Street Journal as the “Prime Rate” in the United States or, if The Wall Street Journal ceases to quote such rate, the highest per annum interest rate published by the Federal Reserve Board in Federal Reserve Statistical Release H.15 (519) (Selected Interest Rates) as the “bank prime loan” rate or, if such rate is no longer quoted therein, any similar rate quoted therein (as determined by the Administrative Agent) or any similar release by the Federal Reserve Board (as determined by the Administrative Agent).

“Private Act”: separate legislation enacted in Bermuda with the intention that such legislation applies specifically to a Borrower or a Subsidiary in whole or in part.

“Projections”: as defined in Section 4.16.

“Properties”: as defined in Section 4.15(d).

“Process Agent”: as defined in Section 11.14.

“Register”: as defined in Section 11.6.

“Regulation U”: Regulation U of the Board as in effect from time to time.

“Reimbursement Obligation”: the obligation of the applicable Borrower to reimburse the L/C Issuers pursuant to Section 3.5 for amounts drawn under Letters of Credit.

“Reinsurance Agreement”: any agreement, contract, treaty, certificate or other arrangement whereby any Insurance Subsidiary agrees to assume from or reinsure an insurer or reinsurer for all or part of the liability of such insurer or reinsurer under a policy or policies of insurance issued by such insurer or reinsurer.

“Reportable Event”: any of the events set forth in Section 4043(c) of ERISA, other than those events as to which the thirty day notice period is waived under PBGC Reg. § 4043.

“Required Lenders”: at any time, the holders of more than 50% of the Total Commitments then in effect or, if the Commitments have been terminated, the Total Extensions of Credit then outstanding; provided that the Commitment of, and the Extensions of Credit held or deemed held by, any Defaulting Lender shall be excluded for purposes of making a determination of Required Lenders.

“Requirement of Law”: as to any Person, the Memorandum of Association or the Certificate of Incorporation and By-laws or other organizational or governing documents of such Person, and any law, treaty, rule or regulation or determination of an arbitrator or a court or other Governmental Authority, in each case applicable to or binding upon such Person or any of its property or to which such Person or any of its property is subject.

“Responsible Officer”: the chief executive officer, chief financial officer, chief investment officer, chief risk officer, president or treasurer of a Borrower.

“Restricted Payments”: as defined in Section 7.4.

“Retrocession Agreement”: any agreement, treaty, certificate or other arrangement whereby any Insurance Subsidiary cedes to another insurer all or part of such Insurance Subsidiary’s liability under a policy or policies of insurance reinsured by such Insurance Subsidiary.

“S&P”: Standard & Poor’s Ratings Services and its successors.

“SEC”: the Securities and Exchange Commission, any successor thereto and any analogous Governmental Authority.

“Secured L/C Obligations”: of any Borrower at any time, an amount equal to the sum of (a) the then Dollar Amount of the aggregate then undrawn and unexpired amount of the then outstanding Secured Letters of Credit issued on behalf of such Borrower and (b) the then Dollar Amount of the aggregate amount of drawings under Secured Letters of Credit issued on behalf of such Borrower that have not then been reimbursed pursuant to Section 3.5.

“Secured Letter of Credit”: any Letter of Credit designated as a “Secured Letter of Credit” by a Borrower in the Application therefor.

“Security Agreement”: the Security Agreement, dated as of October 20, 2010, among the Borrowers and the Collateral Agent, as amended by the First Amendment to Security Agreement, dated as of June 12, 2013, among the Borrowers and the Collateral Agent and the Second Amendment to Security Agreement dated as of March 27, 2017 among the Borrowers and the Collateral Agent.

“Security Documents”: (i) the Security Agreement, (ii) each Collateral Account Control Agreement, and (iii) each other document, agreement, certificate and/or financing statement, executed, delivered, made or filed pursuant to the terms of the documents specified in foregoing clauses (i) and (ii).

“Several Letter of Credit”: a Letter of Credit issued severally by or on behalf of the Lenders pursuant to which the Lenders are severally liable to the beneficiary which shall be substantially in the form of Exhibit L or in such other form as may be agreed by the Company and the L/C Administrator.

“Single Employer Plan”: any Plan that is subject to Title IV of ERISA, Section 412 of the Code or Section 302 of ERISA but that is not a Multiemployer Plan.

“Spot Selling Rate”: on any date, as determined by the Administrative Agent, the spot selling rate posted by Reuters on its website for the sale of the applicable currency for dollars at approximately 11:00 a.m., New York City time, two Business Days prior to such date (the “Applicable Quotation Date”); provided that if, for any reason, no such spot rate is being quoted, the spot selling rate shall be determined by reference to such publicly available service for displaying exchange rates as may be reasonably selected by the Administrative Agent, or, in the event no such service is selected, such spot selling rate shall instead be the rate determined by the Administrative Agent as the spot rate of exchange in the market where its foreign currency exchange operations in respect of the applicable currency are then being conducted, at or about 11.00 a.m., New York City time, on the Applicable Quotation Date for the purchase of the relevant currency for delivery two Business Days later.

“Subsidiary”: as to any Person, a corporation, partnership, limited liability company or other entity of which shares of stock or other ownership interests having ordinary voting power (other than stock or such other ownership interests having such power only by reason of the happening of a contingency) to elect a majority of the board of directors or other managers of such corporation, partnership or other entity are at the time owned by such Person; provided that for purposes of this Agreement, no ILS Entity shall be considered a Subsidiary of the Company or any other Group Member. Unless otherwise qualified, all references to a “Subsidiary” or to “Subsidiaries” in this Agreement shall refer to a Subsidiary or Subsidiaries of the Company.

“Subsidiary Borrower”: each Material Subsidiary of the Company whose name is set out in the signature pages hereto and each Material Subsidiary of the Company that shall become a Borrower under this Agreement upon satisfaction of the conditions precedent set forth in Section 5.3; provided, however, that if at any time the Company shall, in accordance with Section 11.1, be released from its obligations under Section 10 with respect to any Subsidiary which is, prior to such release, a Subsidiary Borrower, such Subsidiary, after such release, shall cease to be a Subsidiary Borrower.

“Swap Contract”: (a) any and all rate swap transactions, basis swaps, credit derivative transactions, forward rate transactions, commodity swaps, commodity options, forward commodity contracts, equity or equity index swaps or options, bond or bond price or bond index swaps or options or forward bond or forward bond price or forward bond index transactions, interest rate options, forward foreign exchange

transactions, cap transactions, floor transactions, collar transactions, currency swap transactions, cross-currency rate swap transactions, currency options, spot contracts, or any other similar transactions or any combination of any of the foregoing (including any options to enter into any of the foregoing), whether or not any such transaction is governed by or subject to any master agreement, and (b) any and all transactions of any kind, and the related confirmations, which are subject to the terms and conditions of, or governed by, any form of master agreement published by the International Swaps and Derivatives Association, Inc., any International Foreign Exchange Master Agreement, or any other master agreement (any such master agreement, together with any related schedules, a “Master Agreement”), including any such obligations or liabilities under any Master Agreement.

“Swap Termination Value”: in respect of any one or more Swap Contracts, after taking into account the effect of any legally enforceable netting agreement relating to such Swap Contracts, (a) for any date on or after the date such Swap Contracts have been closed out and termination value (s) determined in accordance therewith, such termination value(s), and (b) for any date prior to the date referenced in clause (a), the amount(s) determined as the mark-to-market value(s) for such Swap Contracts, as determined based upon one or more mid-market or other readily available quotations provided by any recognized dealer in such Swap Contracts (which may include a Lender or any Affiliate of a Lender).

“Syndication Agent”: as defined in the preamble hereto.

“Taxes” means all present or future taxes, levies, imposts, duties, deductions, withholdings (including backup withholding), assessments, fees or other charges imposed by any Governmental Authority, including any interest, additions to tax or penalties applicable thereto.

“Termination Date”: March 27, 2022.

“Total Commitments”: at any time, the aggregate amount of the Commitments then in effect.

“Total Extensions of Credit”: at any time, the aggregate amount of the Extensions of Credit of the Lenders outstanding at such time.

“Transferee”: any Assignee or Participant.

“Type”: as to any Loan, its nature as an ABR Loan or a Eurodollar Loan.

“United States”: the United States of America.

“Unsecured L/C Obligations”: of any Borrower at any time, an amount equal to the sum of (a) the then Dollar Amount of the aggregate then undrawn and unexpired amount of the then outstanding Unsecured Letters of Credit issued on behalf of such Borrower and (b) the then Dollar Amount of the aggregate amount of drawings under Unsecured Letters of Credit issued on behalf of such Borrower that have not then been reimbursed pursuant to Section 3.5.

“Unsecured Letter of Credit”: any Letter of Credit that is not a Secured Letter of Credit.

“Wholly Owned Subsidiary”: of any Person, any Subsidiary of such Person to the extent all of the Capital Stock of such Subsidiary, other than directors’ or nominees’ qualifying shares, is owned directly or indirectly by such Person.

“Withholding Agent”: any Borrower and the Administrative Agent.

“Write-Down and Conversion Powers”: with respect to any EEA Resolution Authority, the write-down and conversion powers of such EEA Resolution Authority from time to time under the Bail-In Legislation for the applicable EEA Member Country, which write-down and conversion powers are described in the EU Bail-In Legislation Schedule.

## 1.2 Other Definitional Provisions.

(a) Unless otherwise specified therein, all terms defined in this Agreement shall have the defined meanings when used in the other Loan Documents or any certificate or other document made or delivered pursuant hereto or thereto.

(b) As used herein and in the other Loan Documents, and any certificate or other document made or delivered pursuant hereto or thereto, (i) accounting terms relating to any Group Member not defined in Section 1.1 and accounting terms partly defined in Section 1.1, to the extent not defined, shall have the respective meanings given to them under GAAP (provided that all terms of an accounting or financial nature used herein shall be construed, and all computations of amounts and ratios referred to herein shall be made, without giving effect to (A) any election under Accounting Standards Codification 825-10-25 (previously referred to as Statement of Financial Accounting Standards 159) (or any other Accounting Standards Codification or Financial Accounting Standard having a similar result or effect) to value any Indebtedness or other liabilities of the Company or any Subsidiary at “fair value”, as defined therein, (B) any treatment of Indebtedness in respect of convertible debt instruments under Accounting Standards Codification 470-20 (or any other Accounting Standards Codification or Financial Accounting Standard having a similar result or effect) to value any such Indebtedness in a reduced or bifurcated manner as described therein, and such Indebtedness shall at all times be valued at the full stated principal amount thereof) and (C) any change to lease accounting rules from those in effect on the date hereof pursuant to Accounting Standards Codification 840 and other lease accounting guidance in effect on the date hereof, (ii) the words “include”, “includes” and “including” shall be deemed to be followed by the phrase “without limitation”, (iii) the word “incur” shall be construed to mean incur, create, issue, assume or become liable in respect of (and the words “incurred” and “incurrence” shall have correlative meanings), (iv) “consolidated” means, when used with reference to financial statements or financial statement items of a Person, such statements or items on a consolidated basis in accordance with applicable principles of consolidation under GAAP, (v) the words “asset” and “property” shall be construed to have the same meaning and effect and to refer to any and all tangible and intangible assets and properties, including cash, Capital Stock, securities, revenues, accounts, leasehold interests and contract rights, (vi) references to agreements or other Contractual

Obligations shall, unless otherwise specified, be deemed to refer to such agreements or Contractual Obligations as amended, supplemented, restated or otherwise modified from time to time and (vii) references to statutes or regulations shall, unless otherwise specified, be deemed to include all statutory and regulatory provisions amending, replacing, supplementing or interpreting such statutes or regulations.

(c) The words “hereof”, “herein” and “hereunder” and words of similar import, when used in this Agreement, shall refer to this Agreement as a whole and not to any particular provision of this Agreement, and Section, Schedule and Exhibit references are to this Agreement unless otherwise specified.

(d) The meanings given to terms defined herein shall be equally applicable to both the singular and plural forms of such terms.

1.3 Exchange Rates. For purposes of calculating (a) the aggregate Dollar Equivalent of Letters of Credit denominated in Pounds Sterling and of unreimbursed drawings under Letters of Credit denominated in Pounds Sterling outstanding at any time during any period and (b) the Dollar Equivalent of any Letters of Credit denominated in Pounds Sterling at the time of the issuance of such Letter of Credit pursuant to Section 3.1, the Administrative Agent will on the first Business Day of each calendar quarter and at such other times as it in its sole discretion determines to be appropriate to do so (including on or prior to the date of any borrowing or issuance of a Letter of Credit), determine the respective rate of exchange into Dollars of Pounds Sterling (which rate of exchange shall be based upon the Exchange Rate in effect on the date of such determination). Such rates of exchange so determined on each such determination date shall, for purposes of the calculations described in the preceding sentence, be deemed to remain unchanged and in effect until the next such determination date.

1.4 Changes in GAAP. If at any time any change in GAAP would affect the computation of any financial ratio or requirement set forth in any Loan Document, and either the Company or the Required Lenders shall so request, the Administrative Agent, the Lenders and the Company shall negotiate in good faith to amend such ratio or requirement to preserve the original intent thereof in light of such change in GAAP (subject to such approvals required under Section 11.1); provided that, until so amended, (a) such ratio or requirement shall continue to be computed in accordance with GAAP prior to such change therein and (b) the Company shall provide to the Administrative Agent and each Lender financial statements and other documents required under this Agreement or as reasonably requested hereunder setting forth a reconciliation between calculations of such ratio or requirement made before and after giving effect to such change in GAAP.

## SECTION 2 AMOUNT AND TERMS OF COMMITMENTS

2.1 Revolving Commitments. Subject to the terms and conditions hereof, each Lender severally agrees to make Loans to the Borrowers from time to time during the Commitment Period in an aggregate principal amount at any one time outstanding, when added to such Lender’s Commitment Percentage of the L/C Obligations then outstanding, which does not exceed the amount of such Lender’s



Commitment. During the Commitment Period, the Borrowers may use the Commitments by borrowing, prepaying the Loans in whole or in part and reborrowing, all in accordance with the terms and conditions hereof. The Loans may from time to time be Eurodollar Loans or ABR Loans, as determined by the Borrowers and notified to the Administrative Agent in accordance with Sections 2.2 and 2.6.

(a) From time to time during the Commitment Period, upon written notice by the Borrower Representative to the Administrative Agent, with the prior written consents of the Administrative Agent (which consent shall be in its sole discretion and shall not be unreasonably withheld or delayed) and the then Issuing Lenders (which consents shall not be unreasonably withheld or delayed), (i) any one or more existing Lenders may agree that such existing Lender or Lenders shall increase the amount of their Commitment or Commitments by executing and delivering to the Borrower Representative and the Administrative Agent a Commitment Increase Supplement or Commitment Increase Supplements, as the case may be, and/or (ii) any one or more New Lenders may from time to time during the Commitment Period agree that such New Lender or New Lenders shall establish a new Commitment or Commitments by executing and delivering to the Borrower Representative and the Administrative Agent a New Lender Supplement or New Lender Supplements, as the case may be, provided that each New Lender shall (A) be a NAIC Approved Bank or (B) shall have in effect a Limited Fronting Lender Agreement with a Lender which is a NAIC Approved Bank. From and after the effective date specified in each New Lender Supplement, the New Lender thereunder shall become a Lender with a Commitment in the amount set forth in such New Lender Supplement and shall have the rights and obligations of a Lender under this Agreement for all purposes and to the same extent as if originally a party hereto. Each New Lender shall deliver to the Administrative Agent an administrative questionnaire. Notwithstanding anything contained in this paragraph to the contrary, without the consent of (x) the Required Lenders, the aggregate amount of incremental Commitments established or increased after the Closing Date pursuant to this paragraph shall not exceed \$100,000,000 and (y) the Administrative Agent, each increase in the Total Commitments effected pursuant to this paragraph shall be in a minimum aggregate amount of \$10,000,000. No existing Lender shall have any obligation under this Agreement to enter into a Commitment Increase Supplement.

(b) Upon its receipt of (i) a duly executed Commitment Increase Supplement or a New Lender Supplement, (ii) a certificate of each Borrower attaching the resolutions of the board of directors of such Borrower authorizing the increase in the Commitments in an amount equal to or greater than the amount of such increase in the Commitments effected thereby (except to the extent resolutions authorizing the increased amount have previously been delivered by such Borrower), and (iii) each written consent thereto required by paragraph (b) of this Section, the Administrative Agent shall accept such Commitment Increase or New Lender Supplement, as the case may be, and record the information contained therein in the Register.

(c) Unless otherwise agreed to by the Administrative Agent and the Company (which agreement may include (i) a phase-in of the applicable increase and/or (ii) if agreed to by each Lender, Interest Periods having terms other than as set forth herein ), on each date upon which the Total Commitments shall be increased pursuant to this Section, to the extent necessary to rebalance the outstanding Loans pro rata among the Lenders (including any New Lenders) pursuant to their modified Aggregate Exposure Percentages, the Borrowers (i) shall prepay outstanding Loans, if any, which prepayment shall be

accompanied by payment of all accrued interest on the amount prepaid and any amounts payable pursuant to Section 2.14 in connection therewith, and (ii) to the extent they determine to do so, reborrow such Loans from the Lenders (including any New Lenders) after giving effect to the new and/or increased Commitments becoming effective on such date, in the case of each of clauses (i) and (ii) above such that, after giving effect thereto, the Loans (including the Types thereof and Interest Periods with respect thereto) shall be held by the Lenders (including for such purposes the New Lenders) pro rata according to their respective Aggregate Exposure Percentages. Any prepayment and reborrowing pursuant to the preceding sentence shall be effected, to the maximum extent practicable, through the netting of amounts payable between the Borrowers and the respective Lenders.

(d) On the Termination Date, each Borrower shall repay all then outstanding Loans made by the Lenders to such Borrower.

2.2 Procedure for Borrowing. Any Borrower may borrow during the Commitment Period on any Business Day, provided that the Borrower Representative shall give the Administrative Agent irrevocable notice (which notice must be received by the Administrative Agent prior to 11:00 A.M., New York City time, (a) three Business Days prior to the requested Borrowing Date, in the case of Eurodollar Loans, or (b) on the requested Borrowing Date, in the case of ABR Loans) substantially in the form of Exhibit M, specifying (i) the amount and Type of Loans to be borrowed, (ii) the requested Borrowing Date, (iii) in the case of Eurodollar Loans, the respective length of the initial Interest Period therefor and (iv) the name of the applicable Borrower. Any Loans made on the Closing Date shall initially be ABR Loans. Each borrowing shall be in an amount equal to (x) in the case of ABR Loans, \$5,000,000 or a whole multiple of \$1,000,000 in excess thereof (or, if the then aggregate Available Commitments are less than \$5,000,000, such lesser amount) and (y) in the case of Eurodollar Loans, \$5,000,000 or a whole multiple of \$1,000,000 in excess thereof. Upon receipt of any such notice from the Borrower Representative, the Administrative Agent shall promptly notify each Lender thereof. Each Lender will make the amount of its pro rata share of each borrowing available to the Administrative Agent for the account of the applicable Borrower at the Funding Office prior to 2:00 P.M., New York City time, on the Borrowing Date requested by the Borrower Representative in funds immediately available to the Administrative Agent. Such borrowing will then be made available to the Borrower Representative by the Administrative Agent crediting the account of the Borrower Representative on the books of such office with the aggregate of the amounts made available to the Administrative Agent by the Lenders and in like funds as received by the Administrative Agent. Each Lender may, at its option, make any Loan available to any Foreign Borrower by causing any foreign or domestic branch or Affiliate of such Lender to make such Loan; provided that any exercise of such option shall not affect the obligation of such Foreign Borrower to repay such Loan in accordance with the terms of this Agreement.

2.3 Fees. The Company agrees to pay to the Administrative Agent for the account of each Lender which has a then effective Commitment a commitment fee (a "Commitment Fee") for the period from and including the date hereof to the last day upon which such Lender's Commitment shall have terminated, computed at the Commitment Fee Rate on the average daily amount of the Available Commitment

of such Lender during the period for which payment is made, payable quarterly in arrears on each Fee Payment Date, commencing on the first such date to occur after the date hereof.

(a) The Company agrees to pay to the Administrative Agent and the Syndication Agent the fees in the amounts and on the dates as set forth in any fee agreements with the Administrative Agent and/or the Syndication Agent and to perform any other obligations contained therein.

(b) The Company agrees to pay or reimburse the Collateral Agent for such normal and customary costs and expenses as are incurred or charged by the Collateral Agent in maintaining and administering the Collateral and otherwise performing its obligations under the Loan Documents.

2.4 Termination or Reduction of Commitments The Borrower Representative shall have the right, upon not less than five Business Days' notice to the Administrative Agent, to terminate the Commitments or, from time to time, to reduce the amount of the Commitments; provided that no such termination or reduction of Commitments shall be permitted if, after giving effect thereto and to any prepayments of the Loans made on the effective date thereof, the Total Extensions of Credit would exceed the Total Commitments. Any such reduction shall be in an amount equal to \$5,000,000, or a whole multiple thereof, and shall reduce permanently the Commitments then in effect (it being understood that any partial reduction of the Commitments shall not affect the Borrower Representative's ability to exercise the unused portion of the increase option set forth in Section 2.1(b)).

2.5 Optional and Mandatory Prepayments. Each Borrower may at any time and from time to time prepay the Loans made by the Lenders to such Borrower, in whole or in part, without premium or penalty, upon irrevocable notice substantially in the form of Exhibit N delivered by the Borrower Representative to the Administrative Agent no later than 11:00 A.M., New York City time, three Business Days prior thereto, in the case of Eurodollar Loans, and no later than 11:00 A.M., New York City time, on the requested prepayment date, in the case of ABR Loans, which notice shall specify the date and amount of prepayment, the name of the applicable Borrower and whether the prepayment is of Eurodollar Loans or ABR Loans; provided, that if a Eurodollar Loan is prepaid on any day other than the last day of the Interest Period applicable thereto, such Borrower shall also pay any amounts owing pursuant to Section 2.14. Upon receipt of any such notice the Administrative Agent shall promptly notify each relevant Lender thereof. If any such notice is given, the amount specified in such notice shall be due and payable on the date specified therein, together with (except in the case of Loans that are ABR Loans) accrued interest to such date on the amount prepaid. Partial prepayments of ABR Loans and Eurodollar Loans for all Borrowers shall be in an aggregate principal amount of \$5,000,000 or a whole multiple of \$1,000,000 in excess thereof (or, in the case of ABR Loans, the entire principal amount thereof).

(a) If, on any date, the aggregate Secured L/C Obligations of any Borrower exceed the Borrowing Base of such Borrower on such date, such Borrower (or the Borrower Representative) shall within five Business Days of such date pay or deliver to the Custodian, to be held in accordance with the Security Agreement and the applicable Collateral Account Control Agreement, an amount of cash and/or Eligible Securities sufficient to cause the Borrowing Base of such Borrower to be at least equal to the aggregate

Secured L/C Obligations of such Borrower. If such payment or delivery is not made, the applicable Borrower shall pay the fee applicable to Unsecured Letters of Credit, rather than the fee applicable to Secured Letters of Credit, pursuant to Section 3.3(a) with respect to the portion of such Secured L/C Obligations that is more than the Borrowing Base until such time as the Borrowing Base of such Borrower is at least equal to the aggregate Secured L/C Obligations of such Borrower; provided that, if a portion, but not all, of the Secured L/C Obligations with respect to a Secured Letter of Credit would be subject to the fee applicable to Unsecured Letters of Credit pursuant to the preceding clause of this sentence, such Secured Letter of Credit will be subject to the fee applicable to Unsecured Letters of Credit.

(b) If, on any date, the Total Extensions of Credit outstanding on such date exceed 102% of the Total Commitments in effect on such date, the Borrowers shall, upon demand by the Administrative Agent, promptly (but in any event, within three Business Days of the date of the Company's receipt of such demand from the Administrative Agent) prepay any then outstanding Loans and/or cash collateralize to the satisfaction of the Administrative Agent any then outstanding Letters of Credit in an aggregate principal and/or face amount such that, after giving effect thereto and treating such cash collateralized Letters of Credit as being not then outstanding, the Total Extensions of Credit do not exceed the Total Commitments. Any prepayment of a Eurodollar Loan pursuant to this Section 2.5(c) shall be accompanied by interest accrued and unpaid to the date of such prepayment on the principal so prepaid and, if such prepayment is made on a day other than the last day of an Interest Period applicable to such Eurodollar Loan, the applicable Borrower shall also pay any amounts owing pursuant to Section 2.14.

2.6 Conversion and Continuation Options. The Borrower Representative may elect from time to time to convert Eurodollar Loans to ABR Loans by giving the Administrative Agent prior irrevocable notice of such election substantially in the form of Exhibit H no later than 10:00 A.M., New York City time three Business Days prior to the proposed conversion date; provided that any such conversion of Eurodollar Loans may only be made on the last day of an Interest Period with respect thereto. The Borrower Representative may elect from time to time to convert ABR Loans to Eurodollar Loans by giving the Administrative Agent prior irrevocable notice of such election no later than 11:00 A.M., New York City time, on the third Business Day preceding the proposed conversion date (which notice shall specify the length of the initial Interest Period therefor); provided that no ABR Loan may be converted into a Eurodollar Loan when any Event of Default or Default has occurred and is continuing and the Administrative Agent or the Required Lenders have determined in its or their sole discretion not to permit such conversions. Upon receipt of any such notice the Administrative Agent shall promptly notify each relevant Lender thereof.

(a) Any Eurodollar Loan may be continued as such upon the expiration of the then current Interest Period with respect thereto by the Borrower Representative giving irrevocable notice to the Administrative Agent, substantially in the form of Exhibit H hereto in accordance with the applicable provisions of the term "Interest Period" set forth in Section 1.1, of the length of the next Interest Period to be applicable to such Loan; provided that no Eurodollar Loan may be continued as such when any Event of Default or Default has occurred and is continuing and the Administrative Agent has or the Required Lenders have determined in its or their sole discretion not to permit such continuations, and provided, further, that if the Borrower Representative shall fail to give any required notice as described above in this Section 2.6

or if such continuation is not permitted pursuant to the preceding proviso, such Loan shall be automatically converted to an ABR Loan on the last day of such then expiring Interest Period. Upon receipt of any such notice, the Administrative Agent shall promptly notify each relevant Lender thereof.

2.7 Limitations on Eurodollar Tranches. Notwithstanding anything to the contrary in this Agreement, all borrowings, conversions and continuations of Eurodollar Loans and all selections of Interest Periods shall be in such amounts and be made pursuant to such elections so that, (a) after giving effect thereto, the aggregate principal amount of the Eurodollar Loans comprising each Eurodollar Tranche shall be equal to \$5,000,000 or a whole multiple of \$1,000,000 in excess thereof and (b) no more than twenty Eurodollar Tranches shall be outstanding at any one time.

2.8 Interest Rates and Payment Dates. Each Eurodollar Loan shall bear interest for each day during each Interest Period with respect thereto at a rate per annum equal to the Eurodollar Rate determined for such day plus the Applicable Margin.

(a) Each ABR Loan shall bear interest at a rate per annum equal to the ABR plus the Applicable Margin.

(b) (i) If an Event of Default under Section 8(a) or Section 8(f) shall have occurred and be continuing or upon the request of the Required Lenders if any other Event of Default shall have occurred and be continuing, the principal amount of all Loans shall bear interest at a rate per annum equal to the rate that would otherwise be applicable thereto pursuant to the foregoing provisions of this Section plus 2% and (ii) if all or a portion of any interest payable on any Loan or any Commitment Fee or other amount payable hereunder shall not be paid when due (whether at the stated maturity, by acceleration or otherwise), such overdue amount shall bear interest at a rate per annum equal to the rate then applicable to ABR Loans plus 2%, in each case as described in this clause (ii), from the date of such non-payment until such amount is paid in full (as well after as before judgment).

(c) Interest shall be payable in arrears on each Interest Payment Date; provided that interest accruing pursuant to paragraph (c)(ii) of this Section shall be payable from time to time on demand.

2.9 Computation of Interest and Fees. Interest and fees payable pursuant hereto shall be calculated on the basis of a 360-day year for the actual days elapsed, except that, with respect to ABR Loans the rate of interest on which is calculated on the basis of the Prime Rate, the interest thereon shall be calculated on the basis of a 365- (or 366, as the case may be) day year for the actual days elapsed. The Administrative Agent shall as soon as practicable notify the Company and the relevant Lenders of each determination of a Eurodollar Rate. Any change in the interest rate on a Loan resulting from a change in the ABR or the Eurodollar Rate (pursuant to Section 2.12) shall become effective as of the opening of business on the day on which such change becomes effective. The Administrative Agent shall as soon as practicable notify the Company and the relevant Lenders of the effective date and the amount of each such change in interest rate. Each determination of an interest rate by the Administrative Agent pursuant to any provision of this Agreement shall be conclusive and binding on each Borrower and the Lenders in the absence of

manifest error. The Administrative Agent shall deliver to the Company a statement showing the quotations used by the Administrative Agent in determining any interest rate pursuant to Section 2.8(a).

2.10 Inability to Determine Interest Rate. If prior to the first day of any Interest Period:

(a) the Administrative Agent shall have determined (which determination shall be conclusive and binding upon each Borrower absent manifest error) that, by reason of circumstances affecting the relevant market, adequate and reasonable means do not exist for ascertaining the Eurodollar Rate for such Interest Period, or

(b) the Administrative Agent shall have received notice from the Required Lenders that the Eurodollar Rate determined or to be determined for such Interest Period will not adequately and fairly reflect the cost to such Lenders (as conclusively certified by such Lenders) of making or maintaining their affected Loans during such Interest Period,

the Administrative Agent shall give electronic or telephonic notice thereof to the Company and the relevant Lenders as soon as practicable thereafter. Upon receipt of such notice, the Borrower Representative may revoke any notice of borrowing, conversion or continuation then submitted by it. If the Borrower Representative does not revoke such notice, then (x) any Eurodollar Loans requested to be made on the first day of such Interest Period shall be made as ABR Loans, (y) any Loans that were to have been converted on the first day of such Interest Period to Eurodollar Loans shall be continued as ABR Loans and (z) any outstanding Eurodollar Loans shall be converted, on the last day of the then-current Interest Period, to ABR Loans. Until such notice has been withdrawn by the Administrative Agent, no further Eurodollar Loans shall be made or continued as such, nor shall the Borrower Representative have the right to convert ABR Loans to Eurodollar Loans.

2.11 Pro Rata Treatment and Payments. Each borrowing by any Borrower from the Lenders hereunder and any reduction of the Commitments of the Lenders shall be made pro rata according to the Lenders' respective Commitments, and each payment by any Borrower on account of any Commitment Fee shall be distributed by the Administrative Agent pro rata to each Lender according to the respective amounts thereof owing pursuant to Section 2.3(a).

(a) Each payment (including each prepayment) by any Borrower on account of principal of and interest on the Loans made to it shall be made pro rata according to the respective outstanding principal amounts of such Loans then held by the Lenders.

(b) All payments (including prepayments) to be made by any Borrower hereunder, whether on account of principal, interest, fees or otherwise, shall be made without setoff or counterclaim and shall be made prior to 12:00 Noon, New York City time, on the due date thereof to the Administrative Agent, for the account of the Lenders, at the Funding Office, in the currency required hereunder and in immediately available funds. The Administrative Agent shall distribute such payments to the Lenders promptly upon receipt in like funds as received. If any payment hereunder (other than payments on the

Eurodollar Loans) becomes due and payable on a day other than a Business Day, such payment shall be extended to the next succeeding Business Day. If any payment on a Eurodollar Loan becomes due and payable on a day other than a Business Day, the maturity thereof shall be extended to the next succeeding Business Day unless the result of such extension would be to extend such payment into another calendar month, in which event such payment shall be made on the immediately preceding Business Day. In the case of any extension of any payment of principal pursuant to the preceding two sentences, interest thereon shall be payable at the then applicable rate during such extension.

(c) Unless the Administrative Agent shall have been notified in writing by any Lender prior to a borrowing that such Lender will not make the amount that would constitute its share of such borrowing available to the Administrative Agent, the Administrative Agent may assume that such Lender is making such amount available to the Administrative Agent, and the Administrative Agent may, in reliance upon such assumption, make available to the Borrowers a corresponding amount. If such amount is not made available to the Administrative Agent by the required time on the Borrowing Date therefor, such Lender shall pay to the Administrative Agent, on demand, such amount with interest thereon, at a rate equal to the greater of (i) the Federal Funds Effective Rate and (ii) a rate determined by the Administrative Agent in accordance with banking industry rules on interbank compensation, for the period until such Lender makes such amount immediately available to the Administrative Agent. A certificate of the Administrative Agent submitted to any Lender with respect to any amounts owing under this paragraph shall be conclusive in the absence of manifest error. If such Lender's share of such borrowing is not made available to the Administrative Agent by such Lender within three Business Days after such Borrowing Date, the Administrative Agent shall also be entitled to recover such amount with interest thereon at the rate per annum applicable to ABR Loans, on demand, from the Borrowers.

(d) Unless the Administrative Agent shall have been notified in writing by the Borrower Representative prior to the date of any payment due to be made by any Borrower hereunder that such Borrower will not make such payment to the Administrative Agent, the Administrative Agent may assume that such Borrower is making such payment, and the Administrative Agent may, but shall not be required to, in reliance upon such assumption, make available to the Lenders their respective pro rata shares of a corresponding amount. If such payment is not made to the Administrative Agent by such Borrower within three Business Days after such due date, the Administrative Agent shall be entitled to recover, on demand, from each Lender to which any amount which was made available pursuant to the preceding sentence, such amount with interest thereon at the rate per annum equal to the daily average Federal Funds Effective Rate. Nothing herein shall be deemed to limit the rights of the Administrative Agent or any Lender against such Borrower.

2.12 Requirements of Law; Eurocurrency Liabilities. If the adoption of or any change in any Requirement of Law or in the interpretation or application thereof or compliance by any Lender with any request or directive (whether or not having the force of law) from any central bank or other Governmental Authority, in each case made subsequent to the date hereof:

(i) shall subject any Lender, any Issuing Lender or the Administrative Agent to any tax of any kind whatsoever with respect to this Agreement, any Letter of Credit, any Application or any

Eurodollar Loan made by it, or change the basis of taxation of payments to such Lender or Issuing Lender in respect thereof (except for (i) taxes described in clauses (c) through (e) of the definition of Excluded Taxes, (ii) Non-Excluded Taxes and (iii) Connection Income Taxes);

(ii) shall impose, modify or hold applicable any reserve, special deposit, compulsory loan or similar requirement against assets held by, deposits or other liabilities in or for the account of, advances, loans or other extensions of credit by, or any other acquisition of funds by, any office of such Lender that is not otherwise included in the determination of the Eurodollar Rate; or

(iii) shall impose on such Lender or the London interbank market any other condition affecting this Agreement or such Lender's Loan;

and the result of any of the foregoing is to increase the cost to such Lender (or, in the case of clause (i) above, to such Lender, Issuing Lender or the Administrative Agent), by an amount that such Lender (or, in the case of clause (i) above, such Lender, Issuing Lender or the Administrative Agent) deems to be material, of making, converting into, continuing or maintaining Eurodollar Loans (or of its obligation to make any such Eurodollar Loan or to participate in any Letter of Credit), or to reduce any amount receivable hereunder in respect thereof, then, in any such case, the Borrower to which such Loans were made shall pay such Lender (or, in the case of clause (i) above, such Lender, Issuing Lender or the Administrative Agent) any additional amounts necessary to compensate such Lender (or, in the case of clause (i) above, such Lender, Issuing Lender or the Administrative Agent) for such increased cost or reduced amount receivable. If any Lender, any Issuing Lender or the Administrative Agent becomes entitled to claim any additional amounts pursuant to this paragraph, it shall promptly notify the Company (with a copy to the Administrative Agent) of the event by reason of which it has become so entitled.

(b) If any Lender shall have determined that the adoption of or any change in any Requirement of Law regarding capital adequacy or liquidity requirements or in the interpretation or application thereof or compliance by such Lender or any corporation controlling such Lender with any request or directive regarding capital adequacy or liquidity requirements (whether or not having the force of law) from any Governmental Authority, in each case made subsequent to the date hereof shall have the effect of reducing the rate of return on such Lender's or such corporation's capital as a consequence of its obligations hereunder or under or in respect of any Letter of Credit to a level below that which such Lender or such corporation could have achieved but for such adoption, change or compliance (taking into consideration such Lender's or such corporation's policies with respect to capital adequacy or liquidity requirements) by an amount deemed by such Lender to be material, then from time to time, after submission by such Lender to the Company (with a copy to the Administrative Agent) of a written request therefor, the Company shall pay to such Lender such additional amount or amounts as will compensate such Lender or such corporation for such reduction.

(c) Notwithstanding anything herein to the contrary, (i) all requests, rules, guidelines, requirements and directives promulgated by the Bank for International Settlements, the Basel Committee on Banking Supervision (or any successor or similar authority) or by United States or foreign regulatory



authorities, in each case pursuant to Basel III, and (ii) the Dodd-Frank Wall Street Reform and Consumer Protection Act and all requests, rules, guidelines, requirements and directives thereunder or issued in connection therewith or in implementation thereof, shall in each case be deemed to be a change in law, regardless of the date enacted, adopted, issued or implemented.

(d) The Company agrees to pay to each Lender, for any period that such Lender is required by applicable law, rule or regulation, or any guideline, request or directive of any Governmental Authority (whether or not having the force of law), to maintain reserves with respect to liabilities or assets consisting of or including Eurocurrency funds or deposits (currently known as “Eurocurrency liabilities”), additional interest on the unpaid principal amount of each Eurodollar Loan (and, for any period during which ABR is determined by reference to the Eurodollar Rate, each ABR Loan) equal to the costs of such reserves allocated to such Loan by such Lender (as determined by such Lender in good faith, which determination shall be conclusive absent manifest error), which shall be due and payable on each date on which interest is payable on such Loan.

(e) A certificate setting forth in reasonable detail a calculation of the amount of and the basis for any additional amount payable pursuant to this Section submitted by any Lender to the Company (with a copy to the Administrative Agent) shall be conclusive in the absence of manifest error. The Borrower shall pay such Lender the amount shown as due on such certificate within 10 Business Days after receipt by the Borrower. Notwithstanding anything to the contrary in this Section, the Company shall not be required to compensate a Lender pursuant to clause (a) or (b) of this Section for any amounts incurred more than six months prior to the date that such Lender notifies the Company of such Lender’s intention to claim compensation therefor; provided that, if the circumstances giving rise to such claim have a retroactive effect, then such six-month period shall be extended to include the period of such retroactive effect. The obligations of the Company pursuant to this Section shall survive the termination of this Agreement and the payment of the Loans and all other amounts payable hereunder.

2.13 Taxes. All payments made by (or on behalf of) any Borrower under this Agreement or any other Loan Document shall be made free and clear of, and without deduction or withholding for or on account of, any present or future income, stamp or other taxes, levies, imposts, duties, charges, fees, deductions or withholdings, now or hereafter imposed, levied, collected, withheld or assessed by any Governmental Authority, excluding Excluded Taxes. If any such non-excluded taxes, levies, imposts, duties, charges, fees, deductions or withholdings imposed on such payments (“Non-Excluded Taxes”) or Other Taxes are required to be deducted or withheld from any amounts payable to the Administrative Agent or any Lender hereunder or under any other Loan Document, (i) the amounts so payable by the applicable Borrower to the Administrative Agent or such Lender shall be increased to the extent necessary to yield to the Administrative Agent or such Lender (after payment of all Non-Excluded Taxes and Other Taxes) interest or any such other amounts payable hereunder or under any other Loan Document at the rates or in the amounts specified in this Agreement or in the applicable Loan Document as if such withholding or deduction had not been made, (ii) the Borrower or applicable Withholding Agent shall deduct or withhold such amounts and (iii) the Borrower or applicable Withholding Agent shall pay the full amount deducted or withheld to the relevant Governmental Authority in accordance with applicable law; provided, however, that no Borrower

shall be required to increase any such amounts payable to any Lender with respect to any Non-Excluded Taxes that are attributable to such Lender's failure to comply with the requirements of paragraph (e) of this Section.

(a) In addition, each Borrower shall pay any Other Taxes to the relevant Governmental Authority in accordance with applicable law or, at the option of the Administrative Agent, timely reimburse it for the payment of such Other Taxes.

(b) Each Borrower shall indemnify the Administrative Agent and each Lender, within 10 Business Days after written demand therefor, for the full amount of any Non-Excluded Taxes or Other Taxes paid by the Administrative Agent or such Lender, as the case may be, on or with respect to any payment by or on account of any obligation of such Borrower hereunder or under any other Loan Document (including Non-Excluded Taxes or Other Taxes imposed or asserted on or attributable to amounts payable under this Section 2.13) and any penalties, interest and reasonable expenses arising therefrom or with respect thereto, whether or not such Non-Excluded Taxes or Other Taxes were correctly or legally imposed or asserted by the relevant Governmental Authority. A certificate as to the amount of such payment or liability delivered to such Borrower by a Lender (with a copy to the Administrative Agent) or by the Administrative Agent on its own behalf or on behalf of a Lender, shall be conclusive absent manifest error.

(c) Whenever any Non-Excluded Taxes or Other Taxes are payable by a Borrower, as promptly as possible thereafter such Borrower shall send to the Administrative Agent for its own account or for the account of the relevant Lender, as the case may be, a certified copy of an original official receipt received by such Borrower showing payment thereof.

(d) A Lender that is entitled to an exemption from or reduction of withholding tax under the law of the jurisdiction in which a Borrower is located, or any treaty to which such jurisdiction is a party, with respect to payments under this Agreement shall deliver to such Borrower (with a copy to the Administrative Agent), at the time or times prescribed by applicable law or reasonably requested by such Borrower or the Administrative Agent, such properly completed and executed documentation prescribed by applicable law as will permit such payments to be made without withholding or at a reduced rate; provided that such Lender is legally entitled to complete, execute and deliver such documentation and in such Lender's judgment such completion, execution or submission would not materially prejudice the legal or commercial position of such Lender. In addition, any Lender, if reasonably requested by a Borrower or the Administrative Agent, shall deliver such other documentation prescribed by applicable law or reasonably requested by such Borrower or the Administrative Agent as will enable such Borrower or the Administrative Agent to determine whether or not such Lender is subject to backup withholding or information reporting requirements and to allow such Borrower and the Administrative Agent to comply with any information reporting requirements to which they are subject; provided that such Lender is legally entitled to complete, execute and deliver such documentation and in such Lender's judgment such completion, execution or submission would not materially prejudice the legal or commercial position of such Lender. Each Lender that is a United States person, as defined in section 7701(a)(30) of the Code (a "United States Person"), shall deliver to the Company and the Administrative Agent on or before the date on which it becomes a party to this Agreement two

properly completed and duly signed copies of U.S. Internal Revenue Service Form W-9 (or any successor form) certifying that such Lender is exempt from U.S. federal withholding tax. To the extent the Borrower is a United States Person (a “U.S. Borrower”), each Lender (or Transferee) that is not a United States Person (a “Non-U.S. Lender”) shall deliver to such U.S. Borrower and the Administrative Agent (or, in the case of a Participant, to the Lender from which the related participation shall have been purchased) (i) two copies of U.S. Internal Revenue Service Form W-8BEN or W-8BEN-E, Form W-8ECI or Form W-8IMY, or, (ii) in the case of a Non-U.S. Lender claiming exemption from U.S. federal withholding tax under Section 871(h) or 881(c) of the Code with respect to payments of “portfolio interest”, a statement substantially in the form of Exhibit E-1 (except for Non-U.S. Lenders that are partnerships for U.S. Federal Income Tax purposes, which shall deliver a statement substantially in the form of Exhibit E-2) and a Form W-8BEN or W-8BEN-E or Form W-8IMY, or any subsequent versions thereof or successor thereto, properly completed and duly executed by such Non-U.S. Lender claiming complete exemption from, or a reduced rate of, U.S. federal withholding tax on all payments under this Agreement and the other Loan Documents. Such forms shall be delivered by each Non-U.S. Lender on or before the date it becomes a Non-U.S. Lender with respect to any U.S. Borrower under this Agreement (or, in the case of any Participant, on or before the date such Participant purchases the related participation) or within 10 Business Days of the request by such U.S. Borrower or the Administrative Agent. Each Non-U.S. Lender shall promptly notify each U.S. Borrower and the Administrative Agent at any time it determines that it is no longer in a position to provide any previously delivered certificate to such U.S. Borrower (or any other form of certification adopted by the U.S. taxing authorities for such purpose). If any Non-U.S. Lender provides a Form W-8IMY, such Non-U.S. Lender must also attach the additional documentation that must be transmitted with the Form W-8IMY, including the appropriate forms described in this Section 2.13(e).

(e) Each Lender shall indemnify the Administrative Agent for the full amount of any taxes, levies, imposts, duties, charges, fees, deductions, withholdings or similar charges imposed by any Governmental Authority that are attributable to such Lender and that are payable or paid by the Administrative Agent, together with all interest, penalties, reasonable costs and expenses arising therefrom or with respect thereto, as determined by the Administrative Agent in good faith. A certificate as to the amount of such payment or liability delivered to any Lender by the Administrative Agent shall be conclusive absent manifest error.

(f) If the Administrative Agent or a Lender determines, in its sole discretion, that it has received a refund of or credit for any Non-Excluded Taxes or Other Taxes as to which it has been indemnified by a Borrower or with respect to which a Borrower has paid any additional amount pursuant to this Section, it shall pay over such refund or the amount of such credit to such Borrower (but only to the extent of indemnity payments made, or additional amounts paid, by such Borrower under this Section with respect to the Non-Excluded Taxes or Other Taxes giving rise to such refund or credit), net of all reasonable out-of-pocket expenses incurred by the Administrative Agent or such Lender and without interest (other than any interest paid by the relevant Governmental Authority with respect to such refund or credit); provided that such Borrower, upon the request of the Administrative Agent or such Lender, agrees to repay the amount paid over to such Borrower (plus any penalties, interest or other charges imposed by the relevant Governmental

Authority) to the Administrative Agent or such Lender if the Administrative Agent or such Lender is required to repay such refund to such Governmental Authority or loses the benefit of such credit. Notwithstanding anything to the contrary in this paragraph (g), in no event will the indemnified party be required to pay any amount to an indemnifying party pursuant to this paragraph (g) the payment of which would place the indemnified party in a less favorable net after-tax position than the indemnified party would have been in if the tax subject to indemnification and giving rise to such refund had not been deducted, withheld or otherwise imposed and the indemnification payments or additional amounts with respect to such tax had never been paid. This Section shall not be construed to require the Administrative Agent or any Lender to make available its tax returns (or any other information relating to its taxes that it deems confidential) to any Borrower or any other Person.

(g) Solely for purposes of determining withholding Taxes imposed under FATCA, from and after the effective date of this Agreement, the Borrower and the Administrative Agent shall treat (and the Lenders hereby authorize the Administrative Agent to treat) the Loan as not qualifying as a “grandfathered obligation” within the meaning of Treasury Regulation Section 1.1471-2(b)(2)(i).

(h) The agreements in this Section shall survive the termination of this Agreement and the payment of the Loans and all other amounts payable hereunder.

2.14 Indemnity. Each Borrower (and the Borrower Representative) agrees to indemnify each Lender for, and to hold each Lender harmless from, any loss or expense that such Lender may sustain or incur as a consequence of (a) any failure of such Borrower to make a borrowing of, conversion into or continuation of Eurodollar Loans after the Borrower Representative has given a notice requesting the same in accordance with the provisions of this Agreement, (b) any failure of such Borrower to make any prepayment of Eurodollar Loans after the Borrower Representative has given a notice thereof in accordance with the provisions of this Agreement or (c) the making of a prepayment of Eurodollar Loans on a day that is not the last day of an Interest Period with respect thereto. Absent any change in circumstances after the date hereof, the amount of such indemnification is intended to be equal to the excess, if any, of (i) the amount of interest that would have accrued on the amount so prepaid, or not so borrowed, converted or continued, for the period from the date of such prepayment or of such failure to borrow, convert or continue to the last day of such Interest Period (or, in the case of a failure to borrow, convert or continue, the Interest Period that would have commenced on the date of such failure) in each case at the applicable rate of interest for such Loans provided for herein (excluding, however, the Applicable Margin included therein) over (ii) the amount of interest (as reasonably determined by such Lender) that would have accrued to such Lender on such amount by placing such amount on deposit for a comparable period with leading banks in the interbank eurodollar market. A certificate as to any amounts payable pursuant to this Section submitted to the applicable Borrower (or the Borrower Representative) by any Lender shall be conclusive in the absence of manifest error. This covenant shall survive the termination of this Agreement and the payment of the Loans and all other amounts payable hereunder.

2.15 Change of Lending Office. Each Lender agrees that, upon the occurrence of any event giving rise to the operation of Section 2.12 (a), 2.12(b) or 2.13(a) with respect to such Lender, it will,

if requested by the Borrower Representative, use reasonable efforts (subject to overall policy considerations of such Lender) to designate another lending office for any Loans affected by such event or assign its rights and obligations hereunder to an Affiliate with the object of avoiding the consequences of such event; provided, that such designation or assignment is made on terms that, in the sole judgment of such Lender, cause such Lender and its lending office(s) or such Affiliate, as the case may be, to suffer no economic, legal or regulatory disadvantage, and provided, further, that nothing in this Section shall affect or postpone any of the obligations of any Borrower or the rights of any Lender pursuant to Section 2.12 or 2.13(a).

2.16 Replacement of Lenders. The Company shall be permitted to replace any Lender that (a) requests reimbursement for amounts owing pursuant to Section 2.12(a), 2.12(b) or 2.13(a), (b) refuses to consent to any waiver or amendment with respect to any Loan Document that requires the approval of each Lender and that has been consented to by the Required Lenders or (c) becomes a Defaulting Lender, with a replacement financial institution; provided that (i) such replacement does not conflict with any Requirement of Law, (ii) no Event of Default or Default shall have occurred and be continuing at the time of such replacement, (iii) prior to any such replacement, such Lender shall, within 30 days of the Company's request have taken no action under Section 2.15 that eliminates the continued need for payment of amounts owing pursuant to Section 2.12 or 2.13(a), (iv) the replacement financial institution shall purchase, at par, all Loans and other amounts (including accrued interest) owing to such replaced Lender on or prior to the date of replacement, (v) the Borrowers shall be liable to such replaced Lender under Section 2.14 if any Eurodollar Loan owing to such replaced Lender shall be purchased other than on the last day of the Interest Period relating thereto as if it were prepaid on the date of such purchase (provided that in the case of a replacement pursuant to clause (c) above, the Borrowers shall only be liable for the positive difference, if any, between (A) any amounts owing by the Borrowers under Section 2.14 and (B) any obligations owing by such Defaulting Lender to the Borrowers under the Loan Documents as a result of such Defaulting Lender becoming a Defaulting Lender), (vi) the replacement financial institution shall be reasonably satisfactory to each Issuing Lender and the Administrative Agent, (vii) the replaced Lender shall be obligated to make such replacement in accordance with the provisions of Section 11.6 (provided that the Company shall be obligated to pay the portion of the registration and processing fee referred to therein), (viii) until such time as such replacement shall be consummated, the Borrowers shall pay all additional amounts (if any) required pursuant to Section 2.12 or 2.13(a), as the case may be, and (ix) any such replacement shall not be deemed to be a waiver of any rights that the Borrower, the Administrative Agent or any other Lender shall have against the replaced Lender.

2.17 Defaulting Lenders. Notwithstanding any provision of this Agreement to the contrary, if any Lender becomes a Defaulting Lender, then the following provisions shall apply for so long as such Lender is a Defaulting Lender:

(a) the Commitment Fee set forth in Section 2.3(a) shall cease to accrue for such Defaulting Lender.

(b) the Commitment and Extensions of Credit of such Defaulting Lender shall not be included in determining whether all Lenders or the Required Lenders have taken or may take any action

hereunder (including any consent to any amendment or waiver pursuant to Section 11.1), provided that any waiver, amendment or modification (i) requiring the consent of all Lenders or each affected Lender which affects such Defaulting Lender disproportionately with respect to the other affected Lenders or (ii) that would increase or extend the term of the Commitment of such Defaulting Lender shall require the consent of such Defaulting Lender.

(c) if any L/C Obligations exist at the time a Lender becomes a Defaulting Lender then:

(i) all or any part of such L/C Obligations shall be reallocated among the non-Defaulting Lenders in accordance with their respective Commitment Percentages but only to the extent the sum of all non-Defaulting Lenders' Extensions of Credit does not exceed the total of all non-Defaulting Lenders' Commitments;

(ii) if the reallocation described in clause (i) above cannot, or can only partially, be effected, the applicable Borrower shall within one Business Day following notice by the Administrative Agent, (A) in the case of Unsecured Letters of Credit, cash collateralize such Defaulting Lender's L/C Obligations (after giving effect to any partial reallocation pursuant to clause (i) above) in accordance with the procedures set forth in Section 8 for so long as such L/C Obligations are outstanding or (B) in the case of Secured Letters of Credit, ensure that the Borrowing Base includes an amount of cash equal to or greater than the Defaulting Lender's L/C Obligations (after giving effect to any partial reallocation pursuant to clause (i) above) for so long as such L/C Obligations are outstanding;

(iii) if the Borrower cash collateralizes any portion of such Defaulting Lender's L/C Obligations pursuant to this Section 2.18(c), the Borrower shall not be required to pay any fees to such Defaulting Lender pursuant to Section 3.3(a) with respect to such Defaulting Lender's L/C Obligations during the period such Defaulting Lender's L/C Obligations are cash collateralized;

(iv) if the L/C Obligations of the non-Defaulting Lenders are reallocated pursuant to this Section 2.18(c) then the fees payable to the Lenders pursuant to Section 2.3(a) and Section 3.3(a) shall be adjusted in accordance with such non-Defaulting Lenders' Commitment Percentages; and

(v) if any Defaulting Lender's L/C Obligations are neither cash collateralized nor reallocated pursuant to this Section 2.18(c), then, without prejudice to any rights or remedies of any Issuing Lender or any Lender hereunder, all letter of credit fees payable under Section 3.3 with respect to such Defaulting Lender's L/C Obligations shall be payable to the applicable Issuing Lender until such L/C Obligations are cash collateralized and/or reallocated.

(d) so long as any Lender is a Defaulting Lender, no Applicable Issuing Party shall be required to issue, amend or increase any Letter of Credit, unless it is satisfied that the related exposure will be 100% covered by the Commitments of the non-Defaulting Lenders and/or cash collateral will be provided

by the Borrower in accordance with Section 2.18(c), and participating interests or Commitment Shares in any such newly issued or increased Letter of Credit shall be allocated among non-Defaulting Lenders in a manner consistent with Section 2.18(c)(i) (and Defaulting Lenders shall not participate therein).

(e) any amount payable to such Defaulting Lender hereunder (whether on account of principal, interest, fees or otherwise and including any amount that would otherwise be payable to such Defaulting Lender pursuant to Section 11.7 but excluding Section 2.16) shall, in lieu of being distributed to such Defaulting Lender, be retained by the Administrative Agent in a segregated account and, subject to any applicable requirements of law, be applied at such time or times as may be determined by the Administrative Agent (i) first, to the payment of any amounts owing by such Defaulting Lender to the Administrative Agent hereunder, (ii) second, pro rata, to the payment of any amounts owing by such Defaulting Lender to the Applicable Issuing Parties hereunder, (iii) third, if so determined by the Administrative Agent or requested by an Applicable Issuing Party, to be held in such account as cash collateral for future funding obligations of the Defaulting Lender of any participating interest or Commitment Share in any Letter of Credit, (iv) fourth, to the funding of any Loan in respect of which such Defaulting Lender has failed to fund its portion thereof as required by this Agreement, as determined by the Administrative Agent, (v) fifth, if so determined by the Administrative Agent and the Borrower, held in such account as cash collateral for future funding obligations of the Defaulting Lender of any Loans under this Agreement, (vi) sixth, to the payment of any amounts owing to the Lenders or an Issuing Lender as a result of any judgment of a court of competent jurisdiction obtained by any Lender or such Issuing Lender against such Defaulting Lender as a result of such Defaulting Lender's breach of its obligations under this Agreement, (vii) seventh, to the payment of any amounts owing to the Borrower as a result of any judgment of a court of competent jurisdiction obtained by the Borrower against such Defaulting Lender as a result of such Defaulting Lender's breach of its obligations under this Agreement, and (viii) eighth, to such Defaulting Lender or as otherwise directed by a court of competent jurisdiction; provided that if such payment is (x) a prepayment of the principal amount of any Loans or reimbursement obligations in respect of a payment made by an Issuing Lender pursuant to a Letter of Credit for which a Defaulting Lender has funded its participation obligations and (y) made at a time when the conditions set forth in Section 5.2 are satisfied, such payment shall be applied solely to prepay the Loans of, and reimbursement obligations owed to, all non-Defaulting Lenders pro rata prior to being applied to the prepayment of any Loans, or reimbursement obligations owed to, any Defaulting Lender.

In the event that the Administrative Agent, the Borrower and each Issuing Lender agree that a Defaulting Lender has adequately remedied all matters that caused such Lender to be a Defaulting Lender, then the L/C Obligations of the Lenders shall be readjusted to reflect the inclusion of such Lender's Commitment and on such date such Lender shall purchase at par such of the Loans of the other Lenders as the Administrative shall determine may be necessary in order for such Lender to hold such Loans in accordance with its Commitment Percentage.

### SECTION 3 LETTERS OF CREDIT

3.1 L/C Commitment. Subject to the terms and conditions hereof, the Applicable Issuing Party, in reliance on the agreements of the other Lenders set forth in Sections 3.4(a) and 3.8(b), agrees to issue letters of credit ("Letters of Credit") for the account of the Borrowers on any Business Day during the Commitment Period (i) in the case of Fronted Letters of Credit, in such form as may be approved from time to time by such Issuing Lender in an aggregate face amount not to exceed at any one time outstanding such Issuing Lender's Fronted L/C Commitment and (ii) in the case of Several Letters of Credit, substantially in the form of Exhibit L; provided that such Applicable Issuing Party shall have no obligation to issue any Letter of Credit if, after giving effect to such issuance, the aggregate amount of the Available Commitments would be less than zero and, provided, further, that, if any Issuing Lender shall issue any Fronted Letter of Credit that results in the aggregate amount of the Available Commitments being less than zero without having received prior written confirmation from the Administrative Agent that the issuance of such Fronted Letter of Credit would not result in the aggregate amount of the Available Commitments being less than zero, the provisions of Section 3.4 shall be applicable to such Fronted Letter of Credit only to the extent of the portion thereof (the "Participated Portion") that, if such Fronted Letter of Credit had been issued in an amount equal to the Participated Portion, would not have resulted in the aggregate amount of the Available Commitment being less than zero and the portion of such Fronted Letter of Credit (and any related Reimbursement Obligations) that does not constitute the Participated Portion shall be subject and subordinate in right of payment and as to priority of the security provided by the Collateral to all other Obligations. Each Letter of Credit shall (i) be denominated in Dollars or Pounds Sterling and (ii) expire no later than the earlier of (x) the first anniversary of its date of issuance and (y) the date that is five Business Days prior to the Termination Date; provided that any Letter of Credit with a one-year term may provide for the renewal thereof at the option of the applicable Borrower for additional one-year periods (which shall in no event extend beyond the date referred to in clause (y) above), so long as the Issuing Lender of such Letter of Credit has the right to refuse to extend such Letter of Credit if at the time of such refusal the applicable Borrower would be unable to satisfy the conditions set forth in Section 5.2; provided further that any Secured Letter of Credit may have an expiration date up to 364 days after the Termination Date.

(a) No Applicable Issuing Party shall at any time issue (i) any Letter of Credit if such issuance would conflict with, or cause such Applicable Issuing Party, any L/C Participant or any Lender to exceed any limits imposed by, any applicable Requirement of Law or (ii) any Secured Letter of Credit on behalf of any Borrower if (x) the then Borrowing Base of such Borrower would be less than such Borrower's aggregate Secured L/C Obligations after giving effect to the issuance of such Secured Letter of Credit or (y) all cash and Eligible Securities constituting such Borrowing Base are not then held in an Account of such Borrower established pursuant to Section 1 of Article II of the applicable Collateral Account Control Agreement. Prior to issuing any Secured Letter of Credit, the Applicable Issuing Party shall obtain confirmation from the Administrative Agent that the requirements imposed by clause (ii) of the preceding sentence shall be satisfied.

3.2 Procedure for Issuance of Letter of Credit. Any Borrower may from time to time request that an Applicable Issuing Party issue a Letter of Credit by delivering to such Applicable Issuing Party at its address for notices specified herein (with a copy to the Administrative Agent at its address for



notices specified herein) an Application therefor, indicating (i) whether such Letter of Credit is to be a Secured Letter of Credit or an Unsecured Letter of Credit and (ii) whether such Letter of Credit is to be a Fronted Letter of Credit or a Several Letter of Credit and otherwise completed to the satisfaction of such Applicable Issuing Party, and such other certificates, documents and other papers and information as such Applicable Issuing Party may request; provided that in no event shall any Applicable Issuing Party other than Barclays Bank PLC or Citibank, N.A. and, with the consent of the Administrative Agent, one other Issuing Lender (and any of their respective Affiliates) issue any Letter of Credit denominated in Pounds Sterling. Upon receipt of any Application, the Applicable Issuing Party will process such Application and the certificates, documents and other papers and information delivered to it in connection therewith in accordance with its customary procedures and shall promptly issue the Letter of Credit requested thereby (but in no event shall any Applicable Issuing Party be required to issue any Letter of Credit earlier than five Business Days after its receipt of the Application therefor and all such other certificates, documents and other papers and information relating thereto) by issuing the original of such Letter of Credit to the beneficiary thereof or as otherwise may be agreed to by such Applicable Issuing Party and such Borrower. Such Applicable Issuing Party shall furnish a copy of such Letter of Credit (i) to such Borrower promptly following the issuance thereof and (ii) in the case of a Several Letter of Credit, to each Lender. Each Applicable Issuing Party shall promptly furnish to the Administrative Agent, which shall in turn promptly furnish to the Lenders, notice of the issuance of each Letter of Credit (including the amount thereof).

3.3 Fees and Other Charges. The applicable Borrower will pay to the Administrative Agent, for the account of the Lenders, a fee on the undrawn and unexpired face amount (calculated, in the case of any Letter of Credit denominated in Pounds Sterling, on the basis of the Exchange Rate in effect on the date payment of such fee is due) of each Letter of Credit issued on its behalf at a per annum rate equal to (i) in the case of an Unsecured Letter of Credit, the Applicable Margin then in effect with respect to Eurodollar Loans and (ii) in the case of a Secured Letter of Credit, 0.40%. Such fees shall be payable quarterly in arrears on each Fee Payment Date after the issuance date. The Administrative Agent will promptly pay to the Lenders their pro rata shares of any amounts received from the Borrowers in respect of any such fees.

(a) The applicable Borrower shall pay to each Issuing Lender for its own account a fronting fee at a rate per annum as agreed between such Borrower and such Issuing Lender on the undrawn and unexpired amount of each Fronted Letter of Credit issued on its behalf, payable quarterly in arrears on each Fee Payment Date after the issuance date.

(b) In addition to the foregoing fees, the applicable Borrower shall pay or reimburse (i) each Applicable Issuing Party for such normal and customary costs and expenses as are incurred or charged by such Applicable Issuing Party in issuing, negotiating, effecting payment under, amending or otherwise administering any Letter of Credit and (ii) each Lender for such normal and customary costs and expenses as are incurred or charged by such Lender in connection with any Several Letter of Credit.

3.4 L/C Participations. Each Issuing Lender irrevocably agrees to grant and hereby grants to each L/C Participant, and, to induce such Issuing Lender to issue Fronted Letters of Credit,

each L/C Participant irrevocably agrees to accept and purchase and hereby accepts and purchases from such Issuing Lender, on the terms and conditions set forth below, for such L/C Participant's own account and risk an undivided interest equal to such L/C Participant's Commitment Percentage in such Issuing Lender's obligations and rights under and in respect of each Fronted Letter of Credit and the amount of each draft paid by such Issuing Lender thereunder. Each L/C Participant agrees with each Issuing Lender that, if a draft is paid under any Fronted Letter of Credit for which such Issuing Lender is not reimbursed in full by the applicable Borrower in accordance with the terms of this Agreement, such L/C Participant shall pay to such Issuing Lender upon demand at such Issuing Lender's address for notices specified herein an amount in Dollars equal to such L/C Participant's Commitment Percentage of (i) the amount of such draft, or any part thereof, that is paid in Dollars and is not so reimbursed or (ii) the Dollar Equivalent, using the Exchange Rate at the time such draft is paid, of the amount of such draft, or any part thereof, that is paid in Pounds Sterling and is not so reimbursed. Each L/C Participant's obligation to pay such amount shall be absolute and unconditional and shall not be affected by any circumstance, including (i) any setoff, counterclaim, recoupment, defense or other right that such L/C Participant may have against the applicable Issuing Lender, any Borrower or any other Person for any reason whatsoever, (ii) the occurrence or continuance of a Default or an Event of Default or the failure to satisfy any of the other conditions specified in Section 5, (iii) any adverse change in the condition (financial or otherwise) of any Borrower, (iv) any breach of this Agreement or any other Loan Document by any Borrower or any other L/C Participant or (v) any other circumstance, happening or event whatsoever, whether or not similar to any of the foregoing.

(a) If any amount required to be paid by any L/C Participant to an Issuing Lender pursuant to Section 3.4(a) in respect of any unreimbursed portion of any payment made by such Issuing Lender under any Fronted Letter of Credit is paid to such Issuing Lender within three Business Days after the date such payment is due, such L/C Participant shall pay to such Issuing Lender on demand an amount equal to the product of (i) such amount, times (ii) the daily average Federal Funds Effective Rate during the period from and including the date such payment is required to the date on which such payment is immediately available to such Issuing Lender, times (iii) a fraction the numerator of which is the number of days that elapse during such period and the denominator of which is 360. If any such amount required to be paid by any L/C Participant pursuant to Section 3.4(a) is not made available to the applicable Issuing Lender by such L/C Participant within three Business Days after the date such payment is due, such Issuing Lender shall be entitled to recover from such L/C Participant, on demand, such amount with interest thereon calculated from such due date at the rate per annum applicable to ABR Loans. A certificate of an Issuing Lender submitted to any L/C Participant with respect to any amounts owing under this Section shall be conclusive in the absence of manifest error.

(b) Whenever, at any time after the applicable Issuing Lender has made payment under any Fronted Letter of Credit and has received from any L/C Participant its pro rata share of such payment in accordance with Section 3.4(a), such Issuing Lender receives any payment related to such Fronted Letter of Credit (whether directly from the applicable Borrower or otherwise, including proceeds of collateral applied thereto by such Issuing Lender), or any payment of interest on account thereof, such Issuing Lender will distribute to such L/C Participant its pro rata share thereof; provided, however, that in the event that any

such payment received by such Issuing Lender shall be required to be returned by such Issuing Lender, such L/C Participant shall return to such Issuing Lender the portion thereof previously distributed by such Issuing Lender to it.

(c) This Section 3.4 shall be subject to the provisions of the second proviso to the first sentence of Section 3.1(a).

3.5 Reimbursement Obligation of the Borrowers. If any draft is paid under any Letter of Credit, the applicable Borrower shall reimburse the Applicable Issuing Party for the amount of (a) the draft so paid and (b) any taxes, fees, charges or other costs or expenses incurred by such Applicable Issuing Party in connection with such payment, not later than 12:00 Noon, New York City time, on (i) the Business Day that such Borrower receives notice of such draft, if such notice is received on such day prior to 10:00 A.M., New York City time, or (ii) if clause (i) above does not apply, the Business Day immediately following the day that such Borrower receives such notice. Each such payment under a Letter of Credit denominated in Dollars shall be made to the Applicable Issuing Party at its address for notices specified herein (or as otherwise specified) in Dollars in immediately available funds. Each such payment under a Letter of Credit denominated in Pounds Sterling shall be made to the Applicable Issuing Party at its address for notices specified herein (or as otherwise specified) in Pounds Sterling in immediately available funds. Interest shall be payable on any such amounts from the date on which the relevant draft is paid until payment in full at the rate set forth in (x) until the Business Day next succeeding the date of the relevant notice, Section 2.8(b) and (y) thereafter, Section 2.8(c). In the case of payments made under this Section 3.5 in respect of Several Letters of Credit, the L/C Administrator shall distribute such payments to the applicable Lenders promptly upon receipt in like funds as received.

3.6 Obligations Absolute. The Borrowers' obligations under this Section 3 shall be absolute and unconditional under any and all circumstances and irrespective of any setoff, counterclaim or defense to payment that any Borrower may have or have had against any L/C Issuer, any beneficiary of a Letter of Credit or any other Person. The Borrowers also agree with each L/C Issuer that such L/C Issuer shall not be responsible for, and the Borrowers' Reimbursement Obligations under Section 3.5 shall not be affected by, among other things, (i) the validity or genuineness of documents or of any endorsements thereon, even though such documents shall in fact prove to be invalid, fraudulent or forged, (ii) any dispute between or among any Borrower and any beneficiary of any Letter of Credit or any other party to which such Letter of Credit may be transferred or any claims whatsoever of any Borrower against any beneficiary of such Letter of Credit or any such transferee, (iii) payment by any L/C Issuer under any Letter of Credit against presentation of a draft or other document that does not comply with the terms of such Letter of Credit or (iv) any other event or circumstances which might constitute a legal or equitable discharge or provide a right of setoff against the Borrowers' reimbursement obligation. No L/C Issuer shall be liable for any error, omission, interruption or delay in transmission, dispatch or delivery of any message or advice, however transmitted, in connection with any Letter of Credit, except for errors or omissions found by a final and nonappealable decision of a court of competent jurisdiction of any direct damages (as opposed to consequential damages, claims in respect of which are hereby waived by a Borrower to the extent permitted by applicable law) suffered by such Borrower to have resulted from the gross negligence or willful misconduct of such L/C

Issuer. The Borrowers agree that any action taken or omitted by any L/C Issuer under or in connection with any Letter of Credit or the related drafts or documents, if done in the absence of gross negligence or willful misconduct, shall be binding on the Borrower and shall not result in any liability of such L/C Issuer to any Borrower and that with respect to documents presented which appear on their face to be in substantial compliance with the terms of a Letter of Credit, the applicable L/C Issuer may, in its sole discretion, either accept and make payment upon such documents without responsibility for further investigation, regardless of any notice or information to the contrary, or refuse to accept and make payment upon such documents if such documents are not in strict compliance with the terms of such Letter of Credit.

3.7 Letter of Credit Payments. If any draft shall be presented for payment under any Letter of Credit, the Applicable Issuing Party shall promptly notify the applicable Borrower of the date and amount thereof. The responsibility of the Applicable Issuing Party to the applicable Borrower in connection with any draft presented for payment under any Letter of Credit shall, in addition to any payment obligation expressly provided for in such Letter of Credit, be limited to determining that the documents (including each draft) delivered under such Letter of Credit in connection with such presentment are substantially in conformity with such Letter of Credit.

3.8 Several Letters of Credit.

(a) The L/C Administrator is hereby authorized to execute and deliver each Several Letter of Credit and each amendment to a Several Letter of Credit on behalf of each Lender provided that, upon request of the Borrower, such Several Letter of Credit or amendment will be executed by each Lender. The L/C Administrator shall use the Commitment Percentage of each Lender as its "Commitment Share" under each Several Letter of Credit; provided that each Limited Fronting Lender (if any), in its capacity as such, shall, in addition to its own "Commitment Share" as a Lender, have a "Commitment Share" (or equivalent term) equal to the Commitment Percentage (or portion thereof, if applicable) of each Non-NAIC Approved Bank for which such Limited Fronting Lender acts in such capacity under such Several Letter of Credit. The L/C Administrator shall not amend any Several Letter of Credit to change the "Commitment Shares" of any Lender or add or delete a Lender liable thereunder unless such amendment is done in connection with a Limited Fronting Lender Agreement in accordance with Section 3.8(c), an assignment in accordance with Section 11.6, a change in the Lenders and/or the Commitment Percentages as a result of any increase in the Commitments pursuant to Section 2.1 or any other addition or replacement of a Lender in accordance with the terms of this Agreement. Each Lender (including, for the avoidance of doubt, each Limited Fronting Lender) hereby irrevocably constitutes and appoints the L/C Administrator its true and lawful attorney-in-fact for and on behalf of such Lender with full power of substitution and revocation in its own name or in the name of the L/C Administrator to issue, execute and deliver, as the case may be, each Several Letter of Credit and each amendment to a Several Letter of Credit and to carry out the purposes of this Agreement with respect to Several Letters of Credit. Upon request, each Lender shall execute such powers of attorney or other documents as any beneficiary of any Several Letter of Credit may reasonably request to evidence the authority of the L/C Administrator to execute and deliver such Several Letter of Credit and any amendment or other modification thereto on behalf of the Lenders. To the extent that the L/C Administrator has not

received funds from a Lender with respect to a Several Letter of Credit, the L/C Administrator shall only forward the funds actually received to the beneficiary.

(b) Each Lender (including, for the avoidance of doubt, each Limited Fronting Lender) agrees with the L/C Administrator that, if a draft is paid under any Several Letter of Credit for which such L/C Administrator is not reimbursed in full by the applicable Borrower in accordance with the terms of this Agreement, each Lender shall pay to the L/C Administrator upon demand at the L/C Administrator's address for notices specified herein an amount in Dollars (in the case of a Several Letter of Credit denominated in Dollars) or Pounds Sterling (in the case of a Several Letter of Credit denominated in Pounds Sterling) equal to such Lender's Commitment Share (and, in the case of each Limited Fronting Lender, the Commitment Share (or the portion thereof for which it has agreed to be a Limited Fronting Lender) of each applicable Non-NAIC Approved Bank). In the event that a Limited Fronting Lender pays the Commitment Share of a Non-NAIC Approved Bank, such Non-NAIC Approved Bank shall pay such Commitment Share (or the relevant portion thereof, if applicable) to such Limited Fronting Lender in purchase of its participation in such payment. Each Lender's (including, for the avoidance of doubt, each Limited Fronting Lender's and each Non-NAIC Approved Bank's) obligation to pay such amount shall be absolute and unconditional and shall not be affected by any circumstance, including (i) any setoff, counterclaim, recoupment, defense or other right that such Lender may have against the L/C Administrator, any Borrower or any other Person for any reason whatsoever, (ii) the occurrence or continuance of a Default or an Event of Default or the failure to satisfy any of the other conditions specified in Section 5, (iii) any adverse change in the condition (financial or otherwise) of any Borrower, (iv) any breach of this Agreement or any other Loan Document by any Borrower or any other Lender or (v) any other circumstance, happening or event whatsoever, whether or not similar to any of the foregoing.

(c) In the event that any Lender agrees (in its sole discretion) to act as a Limited Fronting Lender for any Non-NAIC Approved Bank upon such terms and conditions as such parties may agree (including fees payable by such Non-NAIC Approved Bank to such Limited Fronting Lender) (such agreement, a "Limited Fronting Lender Agreement"), the following provisions shall apply (in addition to any other provisions hereof relating to Limited Fronting Lenders):

(i) upon the issuance of any Several Letter of Credit pursuant hereto, with respect to any Non-NAIC Approved Bank, each applicable Limited Fronting Lender, in reliance upon the agreements of such Non-NAIC Approved Bank, agrees (A) to issue through the L/C Administrator, in addition to its own obligations as a Lender under such Several Letter of Credit, severally, such Several Letter of Credit in an amount equal to such Non-NAIC Approved Bank's Commitment Share of the stated amount of such Several Letter of Credit (or the portion thereof for which such Limited Fronting Lender has agreed to be a Limited Fronting Lender), and (B) to amend or extend each Several Letter of Credit previously issued by it as a Limited Fronting Lender for such Non-NAIC Approved Bank; and

(ii) with respect to any Several Letter of Credit issued by a Limited Fronting Lender pursuant to clause (i) above for a Non-NAIC Approved Bank, such Non-NAIC Approved Bank

agrees to purchase participations in the obligations of such Limited Fronting Lender under such Several Letter of Credit in the amount attributable to such Non-NAIC Approved Bank. Without any further action on the part of any party, each Limited Fronting Lender hereby grants to each applicable Non-NAIC Approved Bank for which it is acting as a Limited Fronting Lender hereunder, and each such Non-NAIC Approved Bank hereby acquires from such Limited Fronting Lender, a participation in such Limited Fronting Lender's Commitment Share of each Several Letter of Credit for which such Limited Fronting Lender is acting as a Limited Fronting Lender on behalf of such Non-NAIC Approved Bank hereunder in the amount attributable to such Non-NAIC Approved Bank. Each such Non-NAIC Approved Bank purchasing a participation hereunder acknowledges and agrees that its obligation to acquire such participations in respect of Several Letters of Credit is absolute and unconditional and shall not be affected by any circumstance whatsoever, including any amendment or extension of any Letter of Credit or the occurrence and continuance of a Default or Event of Default or reduction or termination of the Commitments. In consideration and in furtherance of the foregoing, each such Non-NAIC Approved Bank hereby absolutely and unconditionally agrees to pay to the L/C Administrator, for account of the applicable Limited Fronting Lender, an amount equal to the amount of each payment made by such Limited Fronting Lender in respect of the portion of each such Several Letter of Credit in which such Non-NAIC Approved Bank holds a participation, promptly upon the request of such Limited Fronting Lender, at any time from the time such payment is made until such payment is reimbursed by the applicable Borrower or at any time after any reimbursement payment is required to be refunded to the applicable Borrower for any reason. Such payment by such Non-NAIC Approved Bank shall be made for the account of the applicable Limited Fronting Lender without any offset, abatement, withholding or reduction whatsoever. To the extent that any Non-NAIC Approved Bank has made payments pursuant to this paragraph to reimburse a Limited Fronting Lender in respect of any participation interests purchased hereunder in respect of any Several Letter of Credit, promptly following receipt by the L/C Administrator of any payment from the applicable Borrower pursuant to Section 3.5 in respect of such Several Letter of Credit, the L/C Administrator shall distribute such payment to such Limited Fronting Lender and such Non-NAIC Approved Bank as their interests may appear. Any payment made by a Non-NAIC Approved Bank in respect of its participation pursuant to this paragraph to reimburse the applicable Limited Fronting Lender for any payment made in respect of any drawing under a Several Letter of Credit shall not relieve the Borrowers of their obligation to reimburse the amount of such drawing; provided, however, that the Borrowers' failure to reimburse the amount of such drawing shall not affect the obligation of any Non-NAIC Approved Bank to indemnify the Limited Fronting Lender for such amount pursuant to Section 3.8(b).

Each Lender that agrees to act as a Limited Fronting Lender for any Non-NAIC Approved Bank shall promptly notify the Administrative Agent (which shall promptly notify the L/C Administrator) of such agreement and of any termination or expiration of such agreement.

In the event that, pursuant to this Section 3.8(c), any Lender agrees to act as a Limited Fronting Lender for any other Lender that becomes a Non-NAIC Approved Bank, such Lender shall receive such

compensation therefor as such Non-NAIC Approved Bank and such Lender may agree. Notwithstanding anything herein to the contrary, no Lender shall have any obligation to agree to act hereunder as a Limited Fronting Lender for any other Lender.

(d) The obligations of each Lender under and in respect of each Several Letter of Credit are several, and the failure by any Lender to perform its obligations hereunder or under any Several Letter of Credit shall not affect the obligations of the Borrowers toward any other party hereto nor shall any other such party (other than Limited Fronting Lenders with respect to Several Letters of Credit they have issued on behalf of Non-NAIC Approved Banks) be liable for the failure by such Lender to perform its obligations hereunder or under any Several Letter of Credit.

3.9 Applications. To the extent that any provision of any Application related to any Letter of Credit is inconsistent with the provisions of this Section 3, the provisions of this Section 3 shall apply.

3.10 Issuing Lenders. The Borrower may, at any time and from time to time with the consent of the Administrative Agent (which consent shall not be unreasonably withheld or delayed) and such Lender, designate one or more Lenders to act as an issuing lender under the terms of this Agreement; provided that the total number of Issuing Lenders at any time shall not exceed four. Any Lender designated as an Issuing Lender pursuant to this Section 3.10 shall be deemed to be an "Issuing Lender" for the purposes of this Agreement (in addition to being a Lender) with respect to Letters of Credit issued by such Lender.

3.11 Reporting. Unless the Administrative Agent otherwise agrees, each Applicable Issuing Party will report in writing to the Administrative Agent (i) on the first Business Day of each week and on the second Business Day to occur after the last day of each March, June, September and December, and on such other dates as the Administrative Agent may reasonably request, the daily activity during the preceding week, calendar quarter or other period, as the case may be, with respect to Letters of Credit issued by it, including the aggregate outstanding L/C Obligations with respect to such Letters of Credit on each day during such week, quarter or other period, in such form and detail as shall be satisfactory to the Administrative Agent, (ii) on any Business Day on which the Borrower fails to pay any Reimbursement Obligation required to be reimbursed to such Applicable Issuing Party on such day, the date of such failure and the amount of such Reimbursement Obligation and (iii) such other information with respect to Letters of Credit issued by such Applicable Issuing Party as the Administrative Agent may reasonably request.

3.12 Non-NAIC Approved Banks. If, at any time from and after the Closing Date, any Lender is not or ceases to be a NAIC Approved Bank, such Lender shall promptly notify the Company and the Administrative Agent thereof. Each Lender agrees to use commercially reasonable efforts, at all times from and after the Closing Date, (a) to be a NAIC Approved Bank or (b) if such Lender is not or ceases to be a NAIC Approved Bank, to agree with another Lender which is a NAIC Approved Bank, as provided in Section 3.8(c), that such NAIC Approved Bank shall (in its sole discretion) act as the Limited Fronting Lender for such Non-NAIC Approved Bank with respect to any Several Letters of Credit which are

outstanding at the time such Lender becomes a Non-NAIC Approved Bank and/or are issued during the period that such Lender is a Non-NAIC Approved Bank.

#### SECTION 4 REPRESENTATIONS AND WARRANTIES

To induce the Administrative Agent and the Lenders to enter into this Agreement and to make the Extensions of Credit, the Company hereby represents and warrants to the Administrative Agent and each Lender that:

4.1 Financial Conditions. The audited consolidated balance sheet of the Company and its Subsidiaries as at December 31, 2016, and the related consolidated statement of comprehensive income and of cash flows for the fiscal year ended on such date, reported on by and accompanied by an unqualified report from KPMG Audit Plc, present fairly the consolidated financial condition of the Company and its Subsidiaries as at such date, and the consolidated results of its operations and its consolidated cash flows for the fiscal year then ended. All such financial statements, including the related schedules and notes thereto, have been prepared in accordance with GAAP applied consistently throughout the periods involved (except as approved by the aforementioned firm of accountants and disclosed therein). As of the date of this Agreement, no Group Member has any material Guarantee Obligations, contingent liabilities and liabilities for taxes, or any material long-term leases or material unusual forward or long-term commitments, including any Swap Contracts, that are not reflected in the most recent financial statements referred to in this paragraph. During the period from December 31, 2016 to and including the date of this Agreement there has been no Disposition by any Group Member of any material part of its business or property.

4.2 No Change. Since December 31, 2016, there has been no development or event that has had or could reasonably be expected to have a Material Adverse Effect.

4.3 Existence; Compliance with Law. Each Group Member (a) is duly organized, validly existing and in good standing under the laws of the jurisdiction of its organization, (b) has the power and authority, and the legal right, to own and operate its property, to lease the property it operates as lessee and to conduct the business in which it is currently engaged, (c) is duly qualified as a foreign corporation or other organization and in good standing under the laws of each jurisdiction where its ownership, lease or operation of property or the conduct of its business requires such qualification except where the failure to so qualify or be in good standing would not have a Material Adverse Effect and (d) is in compliance with all Requirements of Law (including the Bermuda Companies Law and Bermuda Insurance Law as applicable to the Company and each Subsidiary organized under the laws of Bermuda) except to the extent that the failure to comply therewith could not, in the aggregate, reasonably be expected to have a Material Adverse Effect. Neither the Company nor any Subsidiary is subject to any Private Act.

4.4 Power; Authorization; Enforceable Obligations. (a) Each Borrower has or will have the power and authority, and the legal right, to make, deliver and perform the Loan Documents to which it is a party and to obtain Loans and Letters of Credit hereunder, and each Borrower has or will have taken



all necessary organizational action to authorize the execution, delivery and performance of the Loan Documents to which it is a party and to authorize the borrowings, and the issuance of Letters of Credit on its behalf, on the terms and conditions of this Agreement. No consent or authorization of, filing with, notice to or other act by or in respect of, any Governmental Authority or any other Person is required in connection with the Loans or Letters of Credit or with the execution, delivery, performance, validity or enforceability of this Agreement or any other Loan Document, except (i) consents, authorizations, filings and notices that have been obtained or made and are in full force and effect and (ii) filings necessary to perfect Liens in favor of the Collateral Agent. Each Loan Document has been duly executed and delivered on behalf of each Borrower which is a party thereto. This Agreement constitutes, and each other Loan Document upon execution will constitute, a legal, valid and binding obligation of each Borrower which is a party thereto, enforceable against each Borrower in accordance with its terms, except as enforceability may be limited by applicable bankruptcy, insolvency, reorganization, moratorium or similar laws affecting the enforcement of creditors' rights generally and by general equitable principles (whether enforcement is sought by proceedings in equity or at law).

(a) Under the laws of the jurisdiction of its incorporation in force at the date hereof, no Borrower will be required to make any deduction or withholding from any payment it may make hereunder or under the Notes.

(b) The claims of the Collateral Agent and the Lenders against each Borrower under this Agreement and the Notes will rank at least pari passu with the claims of all its other unsecured creditors under the laws of (i) the jurisdiction of such Borrower's incorporation and (ii) New York, except creditors whose claims are preferred solely by any bankruptcy, insolvency or other similar law of general application governing the enforcement of creditors' rights.

(c) In any proceedings taken in Bermuda in relation to this Agreement, the choice of New York law as the governing law of this Agreement, and any judgment obtained in the United States, will be recognized and enforced (other than a judgment for a sum payable in respect of taxes or other charges of a like nature in respect of a fine or other penalty, or in respect of multiple damages as defined in The Protection of Trading Interests Act 1981 of Bermuda), provided that (i) the court which rendered the judgment was competent to hear the action in accordance with private international law principles as applied in Bermuda and (ii) the judgment is not contrary to public policy (and the Company is not aware of anything contrary to public policy) in Bermuda, has not been obtained by fraud or in proceedings contrary to natural justice and is not based on an error in Bermuda law.

(d) Under the laws of Bermuda it is not necessary that this Agreement, the Notes or any other Loan Document be filed, recorded or enrolled with any court or other authority in such jurisdiction or that any stamp, registration or similar tax be paid on or in relation with this Agreement, the Notes or such other Loan Document.

4.5 No Legal Bar. The execution, delivery and performance of this Agreement and the other Loan Documents, the borrowings hereunder and the use of the proceeds thereof will not violate any

Requirement of Law or any Contractual Obligation of any Group Member and will not result in, or require, the creation or imposition of any Lien on any of their respective properties or revenues pursuant to any Requirement of Law or any such Contractual Obligation (other than the Liens created by the Security Documents and except, in the case of Contractual Obligations, to the extent that the failure of any of the statements in this Section 4.5 to be accurate could not reasonably be expected to have a Material Adverse Effect).

4.6 Litigation. No litigation, investigation or proceeding of or before any arbitrator or Governmental Authority is pending, or, to the knowledge of any Borrower, threatened, by or against any Group Member or against any of their respective properties or revenues (a) with respect to any of the Loan Documents or any of the transactions contemplated hereby or thereby, or (b) that could reasonably be expected to have a Material Adverse Effect.

4.7 No Default. No Group Member is in default under or with respect to any of its Contractual Obligations in any respect that could reasonably be expected to have a Material Adverse Effect. No Default or Event of Default has occurred and is continuing.

4.8 Ownership of Property; Liens. Each of the Company and each Material Subsidiary has good title to, or a valid leasehold interest in all its real and personal property material to its business except for minor defects in title that could not reasonably be expected to have a Material Adverse Effect, and none of such property is subject to any Lien not permitted by Section 7.6.

4.9 Taxes. Each Group Member has filed or caused to be filed all Federal, state and other material tax returns that are required to be filed and has paid all taxes shown to be due and payable on said returns (other than any taxes the amount or validity of which are currently being contested in good faith by appropriate proceedings and with respect to which reserves in conformity with GAAP have been provided on the books of the relevant Group Member) except to the extent that failure to do so could not reasonably be expected to have a Material Adverse Effect; no material tax Lien has been filed against any Group Member; and, to the knowledge of any Borrower, no claim is being asserted with respect to any tax return or for any unpaid taxes that, individually or in the aggregate for all such claims, would reasonably be expected to have a Material Adverse Effect.

4.10 Federal Regulations. No Borrower is engaged in the business of extending credit for the purpose of purchasing or carrying margin stock (within the meaning of Regulation U), and no proceeds of any Loan will be used to purchase or carry any such margin stock or to extend credit to others for the purpose of purchasing or carrying any such margin stock in contravention of Regulation T, U or X of the Board. If requested by any Lender or the Administrative Agent, the Company will furnish to the Administrative Agent and each Lender a statement to the foregoing effect in conformity with the requirements of FR Form G-3 or FR Form U-1, as applicable, referred to in Regulation U.

4.11 ERISA. Except as would not reasonably be expected to result in a Material Adverse Effect, (i) neither a Reportable Event nor a failure to satisfy the minimum funding standards (within the

meaning of Sections 412 or 430 of the Code or Section 303 of ERISA), whether or not waived, has occurred during the five-year period prior to the date on which this representation is made or deemed made with respect to any Single Employer Plan, and each Single Employer Plan has complied in all material respects with the applicable provisions of ERISA and the Code; (ii) no termination of a Single Employer Plan has occurred (other than a standard termination within the meaning of Section 4041(b) of ERISA), and no Lien in favor of the PBGC or a Plan has arisen, during such five-year period; (iii) there has been no determination that any Single Employer Plan is, or is expected to be, in “at risk” status (within the meaning of Section 430 of the Code or Section 303 of ERISA and (iv) none of the Borrowers or any Commonly Controlled Entity has failed to make by its due date a required installment under Section 430(j) of the Code with respect to any Single Employer Plan nor failed to make by its due date a required contribution with respect to a Multiemployer Plan. Except as would not reasonably be expected to result in a Material Adverse Effect, none of the Borrowers nor any Commonly Controlled Entity has had a complete or partial withdrawal from any Multiemployer Plan that has resulted or could reasonably be expected to result in a material liability under ERISA, and none of the Borrowers nor any Commonly Controlled Entity would become subject to any material liability under ERISA if such Borrower or any such Commonly Controlled Entity were to withdraw completely from all Multiemployer Plans as of the valuation date most closely preceding the date on which this representation is made or deemed made. Except as would not reasonably be expected to result in a Material Adverse Effect, no such Multiemployer Plan is Insolvent, or in “endangered” or “critical” status (within the meaning of Section 432 of the Code or Section 305 of ERISA).

4.12 Investment Company Act. No Borrower is an “investment company”, or a company “controlled” by, or an “affiliated person” of, or “principal underwriter” for, an “investment company”, within the meaning of the Investment Company Act of 1940.

4.13 Subsidiaries. Schedule 4.13 sets forth, as of the date of this Agreement, the name and jurisdiction of incorporation of each Subsidiary and, as to each such Subsidiary, the percentage of each class of Capital Stock owned by the Company or any other Subsidiary, and such Schedule indicates each Subsidiary Borrower as of such date.

4.14 Use of Proceeds. The proceeds of the Extensions of Credit shall be used (a) to finance the working capital needs of the Company and its Subsidiaries and (b) for general corporate purposes of the Company and its Subsidiaries.

4.15 Environmental Matters. Except as, in the aggregate, could not reasonably be expected to have a Material Adverse Effect:

(a) none of the Group Members has failed to comply with any Environmental Law or to obtain, maintain or comply with any permit, license or other approval required under any Environmental Law;

(b) none of the Group Members has become subject to liability under any Environmental Law;

(c) none of the Group Members has received notice of any claim with respect to any liability under any Environmental Law;

(d) the facilities and properties owned, leased or operated by any Group Member (the “Properties”) do not contain any Hazardous Materials in amounts or concentrations or under circumstances that could reasonably be expected to give rise to liability under any Environmental Law; and

(e) Hazardous Materials have not been transported or disposed by any Group Member in a manner or to a location that could reasonably be expected to give rise to liability under any Environmental Law.

4.16 Accuracy of Information, etc. To the best of the Company’s knowledge, the Confidential Information Memorandum, taken as a whole, is correct in all material respects as of the date thereof and does not, as of the date thereof, contain any untrue statement of a material fact or omit any material fact necessary to make the statements therein (taken as a whole) not misleading as of such date in light of the circumstances under which they were made; provided, however, that this representation does not extend to (i) any projections and other forward looking statements contained in the Confidential Information Memorandum (the “Projections”) and (ii) information in the Confidential Information Memorandum which is referenced to a specific source or derived from public or other sources. The Projections contained in the Confidential Information Memorandum have been prepared in good faith based upon assumptions reasonably believed by the Company to be reasonable at the time of preparation, it being understood, and the Administrative Agent and each Lender understands that the Projections are subject to significant uncertainties and contingencies many of which are beyond the control of the Company and there can be no assurances that such Projections will be realized.

No written statement or information delivered by any Borrower to the Administrative Agent, the Syndication Agent, the Collateral Agent or the Lenders contained in this Agreement or any other Loan Document, taken as a whole, contains any untrue statement of a material fact or omits any material fact necessary to make the statements therein (taken as a whole) not misleading as of the date of such statement or information in light of the circumstances under which they were provided.

4.17 PATRIOT Act; OFAC.

(a) PATRIOT Act. To the extent applicable, each of the Company and its Subsidiaries is in compliance in all material respects with (i) the Trading with the Enemy Act (12 U.S.C. §§ 95a–95b and 50 U.S.C. App. §§ 1–44), and each of the foreign assets control regulations of the United States Treasury Department (31 CFR, Subtitle B, Chapter V), and any other enabling legislation or executive order relating thereto; (ii) the PATRIOT Act and (iii) Anti-Corruption Laws.

(b) Sanctioned Persons. None of the Company, any Subsidiary nor, to the knowledge of the Company, any director or officer of the Company or any Subsidiary is subject to any U.S. sanctions

administered by the Office of Foreign Assets Control of the U.S. Treasury Department (“OFAC”), U.S. Department of State, United Nations Security Council, European Union or Her Majesty’s Treasury (collectively, “Sanctions”) and any other enabling legislation or executive order relating thereto, and no Borrower will directly or indirectly use the proceeds of the Loans, the Letters of Credit or otherwise make available such proceeds to any Person for the purpose of funding or financing the activities of or business of any Person, in any country or territory, that at the time of such funding or financing is restricted under Sanctions or in violation of any Anti-Corruption Laws.

(c) Compliance. The Company has implemented and maintains in effect for itself and its Subsidiaries policies and procedures to ensure compliance by the Company, its Subsidiaries and their respective officers, employees, directors and agents with the PATRIOT Act, Anti-Corruption Laws and applicable Sanctions.

## SECTION 5 CONDITIONS PRECEDENT

5.1 Conditions to Initial Extensions of Credit. The agreement of each Lender to make the initial extension of credit requested to be made by it is subject to the satisfaction, prior to or concurrently with the making of such extension of credit, of the following conditions precedent:

(a) Credit Agreement. The Administrative Agent shall have received this Agreement, executed and delivered by the Administrative Agent, the Syndication Agent, the Collateral Agent, each Borrower and each Person listed on Schedule 1.1.

(b) Fees. The Lenders, the Administrative Agent, the Syndication Agent and the Collateral Agent shall have received all fees required to be paid, and all expenses for which invoices have been presented (including the reasonable fees and expenses of legal counsel), on or before the Closing Date.

(c) Closing Certificate; Certified Certificate of Incorporation; Good Standing Certificates. The Administrative Agent shall have received (i) a certificate of the Company, dated the Closing Date, substantially in the form of Exhibit B-1 and a certificate of each other Borrower, dated the Closing Date, substantially in the form of Exhibit B-2, in each case, with appropriate insertions and attachments, including the Memorandum of Association, Articles of Incorporation or other organizational documents for each Borrower certified by the appropriate Governmental Authority of Bermuda, in the case of the Company, and by the appropriate Governmental Authority of the relevant jurisdiction of organization, in the case of each other Borrower, and By-laws (or equivalent) for each Borrower and (ii) a certificate of compliance/good standing for each Borrower from its jurisdiction of organization.

(d) Legal Opinions. The Administrative Agent shall have received the executed:

(i) legal opinion of Mayer Brown LLP, counsel to the Company and its Subsidiaries, substantially in the form of Exhibit D-1; and

- (ii) legal opinion of Appleby (Bermuda) Limited, counsel to the Company, substantially in the form of Exhibit D-2.

Each such legal opinion shall cover such other matters incident to the transactions contemplated by this Agreement as the Administrative Agent may reasonably require.

(e) Collateral Documentation. The Administrative Agent shall have received amendments to and reaffirmations of the Security Agreement and the existing Collateral Account Control Agreements in form and substance reasonably satisfactory to the Administrative Agent. The Lenders party hereto (constituting the Required Lenders as defined in the Existing Credit Agreement) hereby authorize and direct the Collateral Agent to enter into the amendments to the Security Agreement and the existing Collateral Account Control Agreements contemplated by the foregoing sentence on the Closing Date.

(f) Uniform Commercial Code Financing Statements. The Administrative Agent shall have received satisfactory evidence that Uniform Commercial Code financing statements covering the securities held under each Collateral Account Control Agreement and naming the Collateral Agent as secured party are currently on file and effective, or are in proper form for filing, (i) in New York, (ii) in the jurisdiction of organization of each Borrower organized under the laws of any state of the United States, (iii) in the District of Columbia for each Borrower not organized under the laws of a state of the United States and (iv) in the state of the United States in which a Borrower not organized under the laws of a state of the United States maintains its chief executive office.

(g) Consents, Etc. Each Borrower shall have received, on reasonably satisfactory terms, all consents and authorizations required pursuant to any Contractual Obligation with any other Person and shall have obtained all permits of, and effected all notices to and filings with, any Governmental Authority, in each case, as may be necessary to allow each Borrower lawfully to execute, deliver and perform, in all material respects, its obligations hereunder and under the other Loan Documents to which it is, or shall be, a party and each other agreement or instrument to be executed and delivered by it pursuant thereto or in connection therewith.

(h) Exiting Bank Acknowledgements and Payments. The Administrative Agent shall have received (i) from each Person that is a "Lender" under and as defined in the Existing Credit Agreement but not a Lender hereunder (each, an "Exiting Lender"), an acknowledgement that the Existing Credit Agreement is being amended and restated hereby and that such Person will not be a party hereto and (ii) from the Borrowers, for the account of each Exiting Lender, payment of all amounts then owed to each such Exiting Lender under the Existing Credit Agreement.

(i) Other Information. The Administrative Agent and each Lender shall have received such information as it shall have reasonably requested to comply with all applicable "know-your-customer" and anti-money laundering rules and regulations, including the Patriot Act.

5.2 Conditions to Each Extension of Credit. The agreement of each Lender to make any Extension of Credit requested to be made by it on any date (including its initial Extension of Credit) is subject to the satisfaction of the following conditions precedent:

(a) Representations and Warranties. Each of the representations and warranties made by any Borrower in the Loan Documents shall be true and correct in all material respects on and as of such date as if made on and as of such date (except where such representation and warranty speaks of a specific date in which case such representation and warranty shall be true and correct as of such date and except for Section 4.6), provided with respect to the issuance of any Secured Letter of Credit, this clause (a) shall not be applicable to the representation and warranty set forth in Section 4.2.

(b) No Default. No Default or Event of Default shall have occurred and be continuing on such date or after giving effect to the Extensions of Credit requested to be made on such date.

(c) Company Guarantee. The obligations of the Company under Section 10 in respect of the Obligations of any other Borrower to or on behalf of which such Extension of Credit is to be made shall remain in full force and effect.

Each borrowing by and issuance of a Letter of Credit on behalf of any Borrower hereunder shall constitute a representation and warranty by such Borrower as of the date of such Extension of Credit that the conditions contained in this Section 5.2 have been satisfied.

5.3 Conditions for Additional Subsidiary Borrowers. Any Material Subsidiary set forth in a written notification thereof delivered by the Company to the Administrative Agent shall become a Subsidiary Borrower on the date that the following conditions precedent shall have been satisfied:

(a) Counterparts. The Administrative Agent shall have received a Subsidiary Borrower Agreement duly executed by such Subsidiary Borrower substantially in the form of Exhibit I.

(b) Closing Certificate; Certified Certificate of Incorporation; Good Standing Certificates. The Administrative Agent shall have received (i) a certificate of such Subsidiary Borrower substantially in the form of Exhibit B-2, with appropriate insertions and attachments, including the Memorandum of Association, Articles of Incorporation or other organizational documents for such Subsidiary Borrower certified by the appropriate Governmental Authority of such Subsidiary Borrower's relevant jurisdiction of organization and the By-laws (or equivalent) for such Subsidiary Borrower and (ii) a certificate of compliance/good standing for such Subsidiary Borrower from its jurisdiction of organization.

(c) Legal Opinions. The Administrative Agent shall have received an executed legal opinion of counsel to each Subsidiary Borrower in each jurisdiction reasonably requested by the Administrative Agent. Each such legal opinion shall cover such other matters incident to the transactions contemplated by this Agreement as the Administrative Agent may reasonably require.

(d) USA Patriot Act. For purposes of compliance with the Patriot Act, the Administrative Agent and each Lender shall have received from the Company the following information with respect to such Material Subsidiary at least five Business Days prior to its becoming a Subsidiary Borrower, in the case of any Material Subsidiary that is both a Wholly Owned Subsidiary and a Domestic Subsidiary, and at least ten Business Days prior to its becoming a Subsidiary Borrower, in the case of any other Subsidiary: (i) its full legal name; (ii) the address of its principal place of business; and (iii) if such Material Subsidiary is a Domestic Subsidiary, its United States tax identification number.

(e) No Objection. The Administrative Agent shall not have received, within ten Business Days after providing notice to the Lenders of any such proposed Subsidiary Borrower, a written objection to the designation of such proposed Subsidiary Borrower from any Lender on the grounds that (i) lending to such proposed Subsidiary Borrower would be illegal for such Lender, (ii) such Lender does not have any applicable license, authority or other governmental approval to conduct business in the applicable jurisdiction or (iii) lending to such proposed Subsidiary Borrower would result in material costs to such Lender that would not otherwise be reimbursed under this Agreement.

(f) Other Information. The Administrative Agent and each Lender shall have received such other information as it shall have reasonably requested to comply with all applicable “know-your-customer” and anti-money laundering rules and regulations, including the Patriot Act.

## SECTION 6 AFFIRMATIVE COVENANTS

The Company hereby agrees that, so long as the Commitments remain in effect, any Letter of Credit remains outstanding or any Loan or other amount is owing to any Lender or the Administrative Agent hereunder, the Company shall and shall cause each of its Subsidiaries to:

### 6.1 Financial Statements. Furnish to the Administrative Agent:

(a) as soon as available, but in any event within 90 days after the end of each fiscal year of the Company, a copy of the audited consolidated balance sheet of the Company and its consolidated Subsidiaries as at the end of such year and the related audited consolidated statements of comprehensive income and of cash flows for such year, setting forth in each case in comparative form the figures for the previous year certified by KPMG Audit Plc or other independent certified public accountants of nationally recognized standing; and

(b) as soon as available, but in any event not later than 45 days after the end of each of the first three quarterly periods of each fiscal year of the Company, the unaudited consolidated balance sheet of the Company and its consolidated Subsidiaries as at the end of such quarter and the related unaudited consolidated statements of comprehensive income and of cash flows for such



quarter and the portion of the fiscal year through the end of such quarter, setting forth in each case in comparative form the figures for the previous year, certified by a Responsible Officer of the Company as being fairly stated in all material respects (subject to normal year-end audit adjustments and the absence of footnotes).

All such financial statements shall be complete and correct in all material respects and shall be prepared in reasonable detail and in accordance with GAAP. Documents required to be delivered pursuant to Section 6.1(a) or (b) or Section 6.2(c) (to the extent any such documents are included in materials otherwise filed with the SEC) may be delivered electronically and, if so delivered, shall be deemed to have been delivered on the date (i) on which the Company posts such documents, or provides a link thereto on the Company's website on the Internet; or (ii) on which such documents are posted on the Company's behalf on an Internet or intranet website, if any, to which each Lender and the Administrative Agent have access (whether a third-party website (such as <http://sec.gov>) or whether sponsored by the Administrative Agent); provided that the Company shall (x) except to the extent that an option to automatically receive an e-mail alert with respect to any applicable document is available at <http://investor.aspen.co/EmailNotification> (or another readily accessible page on the Company's website), notify the Administrative Agent and each Lender (by telecopier or electronic mail) of the posting of any such document and (y) upon written request, provide to the Administrative Agent by electronic mail electronic versions (i.e., soft copies) of such documents. Notwithstanding anything contained herein, in every instance the Company shall be required to provide paper copies of the Compliance Certificates required by Section 6.2(a) to the Administrative Agent. Except for such Compliance Certificates, the Administrative Agent shall have no obligation to request the delivery or to maintain copies of the documents referred to above, and each Lender shall be solely responsible for maintaining its copies of such documents.

6.2 Certificates; Other Information. Furnish to the Administrative Agent (or, in the case of clause (d), to the relevant Lender):

(a) concurrently with the delivery of any financial statements pursuant to Section 6.1, a certificate of a Responsible Officer of the Company stating that, to the best of such Responsible Officer's knowledge, each Borrower during such period has observed or performed all of its covenants and other agreements, and satisfied every condition contained in this Agreement and the other Loan Documents to which it is a party to be observed, performed or satisfied by it, and that such Responsible Officer has obtained no knowledge of any Default or Event of Default except as specified in such certificate and a Compliance Certificate containing all information and calculations necessary for determining compliance by the Company with the provisions of Section 7.1 and Section 7.9 of this Agreement as of the last day of the fiscal quarter or fiscal year of the Company, as the case may be;

(b) within 45 days after the end of each of the first three quarterly periods of each fiscal year of the Company, a narrative discussion and analysis of the consolidated financial condition and results of operations of the Company and its Subsidiaries for such fiscal quarter and for the period from the beginning of the then current fiscal year to the end of such fiscal quarter, as compared to

the portion of the projections covering such periods and to the comparable periods of the previous year (it being understood that the delivery of the management's discussion and analysis of the Form 10-Q containing the financial statements delivered pursuant to Section 6.1 shall satisfy the requirement of this Section 6.2(b));

(c) within five days after the same are sent, copies of all financial statements and reports that the Company sends to the holders of any class of its debt securities or public equity securities and, within five days after the same are filed, copies of all financial statements and reports that the Company files with the SEC;

(d) promptly, such additional financial and other information regarding the business, operations and financial conditions of the Company or any of its Subsidiaries as any Lender may from time to time reasonably request; and

(e) promptly following receipt thereof, copies of any documents described in Sections 101(f), 101(k) or 101(l) of ERISA that any Borrower or any Commonly Controlled Entity may request with respect to any Multiemployer Plan; provided, that if any Borrower or any Commonly Controlled Entity has not requested such documents or notices from the administrator or sponsor of the applicable Multiemployer Plan, then, upon reasonable request of the Administrative Agent, any Borrower and/or any Commonly Controlled Entity shall promptly make a request for such documents or notices from such administrator or sponsor and the Company shall provide copies of such documents and notices to the Administrative Agent (on behalf of each relevant Lender) promptly after receipt thereof.

6.3 Payment of Obligations. Pay, discharge or otherwise satisfy at or before maturity or before they become delinquent, as the case may be, all its material obligations (including taxes) of whatever nature, except where the amount or validity thereof is currently being contested in good faith by appropriate proceedings and reserves in conformity with GAAP with respect thereto have been provided on the books of the relevant Group Member or where the failure to pay, discharge or satisfy would not reasonably be expected to have a Material Adverse Effect.

6.4 Maintenance of Existence; Compliance. (a)(i) Preserve, renew and keep in full force and effect the organizational existence of the Company, each Material Subsidiary and each Insurance Subsidiary and (ii) take all reasonable action to maintain all rights, privileges and franchises necessary or desirable in the normal conduct of its business, including all required insurance licenses of each Material Subsidiary, except, in each case, as otherwise permitted by Section 7.3 and except, in the case of each of clauses (i) and (ii) above, to the extent that failure to do so could not reasonably be expected to have a Material Adverse Effect; and (b) comply with all Requirements of Law except to the extent that failure to comply therewith would not, in the aggregate, reasonably be expected to have a Material Adverse Effect.

6.5 Maintenance of Property; Insurance (a) Keep all property useful and necessary in the business of the Company, each Material Subsidiary and each Insurance Subsidiary in good working order

and condition, ordinary wear and tear excepted and (b) maintain with financially sound and reputable insurance companies insurance on all the property of the Company, each Material Subsidiary and each Insurance Subsidiary in at least such amounts and against at least such risks as are usually insured against in the same general area by companies engaged in the same or a similar business.

6.6 Inspection of Property; Books and Records; Discussions. (a) Keep such books of records and account as are necessary to permit the Company and its Subsidiaries to prepare financial statements that are in conformity with GAAP and that are in compliance with all Requirements of Law relating to the maintenance of financial records (except, in the case of such Requirements of Law, to the extent that the failure to comply therewith could not reasonably be expected to have a Material Adverse Effect) and (b) permit representatives of the Administrative Agent to visit and inspect any of its properties and examine and make abstracts from any of its books and records at any reasonable time and as often as may reasonably be desired and to discuss the business, operations, properties and financial and other condition of the Group Members with officers and employees of the Group Members and with their independent certified public accountants; provided that the Company shall have an opportunity to participate in any discussions with any public accountants.

6.7 Notices Promptly give notice to the Administrative Agent and each Lender of:

(a) the occurrence of any Default or Event of Default;

(b) any (i) default or event of default under any Contractual Obligation of any Group Member or (ii) litigation, investigation or proceeding that may exist at any time between any Group Member and any Governmental Authority, that in either case, if not cured or if adversely determined, as the case may be, could reasonably be expected to have a Material Adverse Effect;

(c) any other development or event that has had or could reasonably be expected to have a Material Adverse Effect; and

(d) if a Borrower has knowledge that the aggregate Secured L/C Obligations of such Borrower exceed the Borrowing Base of such Borrower and the Borrower has not paid or delivered to the Custodian such cash and/or Eligible Securities sufficient to cause the Borrowing Base of such Borrower to be at least equal to the Secured L/C Obligations of such Borrower in accordance with Section 2.5(b).

Each notice pursuant to this Section 6.7 shall be accompanied by a statement of a Responsible Officer setting forth details of the occurrence referred to therein and stating what action the relevant Group Member proposes to take with respect thereto.

6.8 Environmental Laws. Except as would not reasonably be expected to result, individually or in the aggregate, in a Material Adverse Effect, comply with all applicable Environmental Laws.

## SECTION 7 NEGATIVE COVENANTS

The Company hereby agrees that, so long as the Commitments remain in effect, any Letter of Credit remains outstanding or any Loan or other amount is owing to any Lender or the Administrative Agent hereunder, the Company shall not, and shall not permit any of its Subsidiaries to, directly or indirectly:

### 7.1 Financial Condition Covenants.

(a) Consolidated Leverage Ratio. Permit the Consolidated Leverage Ratio as at the last day of any fiscal quarter of the Company to exceed 35%.

(b) Consolidated Tangible Net Worth. Permit Consolidated Tangible Net Worth as at any date to be less than the sum of (i) \$2,323,100,000, (ii) 25% of Consolidated Net Income during the period from January 1, 2017 to and including such date (if positive) and (iii) 25% of the aggregate Net Cash Proceeds of all issuances by the Company of shares of its Capital Stock during the period from January 1, 2017 to and including such date.

7.2 Indebtedness. With respect to the Company, create, incur, assume or permit to exist any Indebtedness, except for (i) the Obligations and (ii) other Indebtedness that is either pari passu in right of payment with, or subordinated in right of payment to, the Obligations; provided that, at the time of incurrence of such other Indebtedness, no Default or Event of Default shall have occurred and be continuing or would result therefrom.

(a) With respect to any Subsidiary of the Company, create, incur, assume or permit to exist any Indebtedness, except for:

(i) Indebtedness of any Borrower pursuant to any Loan Document;

(ii) Indebtedness of any Group Member to any other Group Member;

(iii) Guarantee Obligations by any Group Member of obligations of any other Group Member;

(iv) Indebtedness outstanding on the date hereof and listed on Schedule 7.2(b)(iv) and any refinancings, refundings, renewals or extensions thereof (without increasing, or shortening the maturity of, the principal amount thereof, except by an amount equal to any existing commitments or increase options unutilized thereunder);

(v) Indebtedness (including Capital Lease Obligations) incurred in the ordinary course of business and secured by Liens permitted by Section 7.6(h) in an aggregate principal amount not to exceed \$25,000,000 at any one time outstanding;

(vi) obligations (contingent or otherwise) existing or arising under any Swap Contract; provided that such obligations are (or were) entered into by such Subsidiary for the purpose of directly mitigating risks associated with liabilities, commitments, investments, assets or property held or reasonably anticipated by such Subsidiary, or changes in the value of securities issued by such Subsidiary, and not for purposes of speculation or taking a “market view”;

(vii) Indebtedness for letters of credit which have been issued on behalf of any Insurance Subsidiary to or for the benefit of reinsurance cedents or insurance clients in the ordinary course of business;

(viii) Indebtedness of any Subsidiary incurred under securities lending arrangements entered into in the ordinary course of business;

(ix) Indebtedness incurred in the ordinary course of business in connection with workers’ compensation claims, self-insurance obligations, unemployment insurance or other forms of governmental insurance or benefits pursuant to letters of credit or other security arrangements entered into in connection with such insurance or benefit;

(x) Indebtedness with respect to any Lien described in Section 7.6(p); provided that such Indebtedness existed at the time the relevant Investment was made and such Indebtedness was not incurred with, as a result of or in contemplation of such Investment;

(xi) to the extent constituting Indebtedness, any Indebtedness pursuant to overdraft facilities in the ordinary course of business and consistent with past practice; and

(xii) so long as no Default or Event of Default shall have occurred and be continuing or would result therefrom, additional Indebtedness incurred in the ordinary course of business not otherwise permitted under this Section 7.2(b) in an aggregate principal amount (for all Subsidiaries) not to exceed 10% of Consolidated Tangible Net Worth at the time of creation, incurrence or assumption, as the case may be.

7.3 Disposition of Property. Dispose of any of its property, whether now owned or hereafter acquired, or, in the case of any Subsidiary, issue or sell any shares of such Subsidiary’s Capital Stock to any Person, except:

(a) transactions in the ordinary course of business involving current assets or other assets classified in the Company’s balance sheet as available for sale or trading (as defined in FAS 115), including the disposition in the ordinary course of business of any assets in its investment portfolio;

(b) the Disposition of obsolete, worn out or surplus property in the ordinary course of business;

(c) the sale of inventory in the ordinary course of business;

(d) the license (as licensor) of intellectual property so long as such license does not materially interfere with the business of the Company or any of its Subsidiaries;

(e) the release, surrender or waiver of contract, tort or other claims of any kind as a result of the settlement of any litigation or threatened litigation;

(f) the granting or existence of Liens (and foreclosure thereon) not prohibited by this Agreement;

(g) the lease or sublease of real property so long as such lease or sublease does not materially interfere with the business of the Company or any of its Subsidiaries;

(h) dividends not prohibited by Section 7.4;

(i) any ceding of insurance or reinsurance in the ordinary course of business;

(j) Dispositions permitted by Section 7.10(d)(i);

(k) the sale or issuance of any Subsidiary's Capital Stock to any Borrower;

(l) Dispositions of the equity interests in a Subsidiary to a Wholly Owned Subsidiary of the Company; and

(m) Dispositions of other property during any fiscal year of the Company having an aggregate fair market value not to exceed 10% of the consolidated assets of the Company and its Subsidiaries as of the last day of the prior fiscal year of the Company;.

7.4 Restricted Payments. Declare or pay any dividend (other than dividends payable solely in common stock of the Person making such dividend) on, or make any payment on account of, or set apart assets for a sinking or other analogous fund for, the purchase, redemption, defeasance, retirement or other acquisition of, any Capital Stock of any Group Member (excluding (i) the 7.25% Perpetual Non-Cumulative Preference Shares issued by the Company in April 2012, (ii) the 5.95% Perpetual Non-Cumulative Preference Shares issued by the Company in May of 2013 and (iii) any other Hybrid Capital), whether now or hereafter outstanding, or make any other distribution in respect thereof, either directly or indirectly, whether in cash or property or in obligations of any Group Member (collectively, "Restricted Payments"), except that (a) any Subsidiary may make Restricted Payments to any Group Member and (b) so long as no Default or Event of Default shall have occurred and be continuing or would result therefrom, the Company may make Restricted Payments.

7.5 Investments. Make any advance, loan, extension of credit (by way of guaranty or otherwise) or capital contribution to, or purchase any Capital Stock, bonds, notes, debentures or other debt

securities of, or any assets constituting a business unit of, or make any other investment in, any Person (all of the foregoing, "Investments"), except:

- (a) extensions of trade credit in the ordinary course of business;
- (b) investments in Cash Equivalents;
- (c) investments in securities lending arrangements entered into in the ordinary course of business;
- (d) Guarantee Obligations permitted by Section 7.2;
- (e) loans and advances to employees of any Group Member in the ordinary course of business (including for travel, entertainment and relocation expenses) in an aggregate amount for all Group Members not to exceed \$5,000,000 at any one time outstanding;
- (f) intercompany Investments by any Group Member in any other Group Member;
- (g) acquisitions of all or substantially all of the Capital Stock or assets of another Person so long as at such time and immediately after giving effect thereto no Default or Event of Default exists or would result therefrom;
- (h) (i) Investments by Insurance Subsidiaries in the ordinary course of business and (ii) Investments by the Company and its Subsidiaries that are not Insurance Subsidiaries in Investments that, if made by an Insurance Subsidiary, would be permitted by clause (i) immediately preceding;
- (i) Investments of any Person at the time such Person becomes a Subsidiary and any modification, replacement, renewal or extension thereof; provided such Investment was not made in connection with or anticipation of such Person becoming a Subsidiary;
- (j) Investments listed on Schedule 7.5 hereto;
- (k) Investments in any ILS Entity; and
- (l) in addition to Investments otherwise expressly permitted by this Section, Investments by the Company or any of its Subsidiaries in an aggregate amount during the term of this Agreement (valued at cost, but giving effect to any distributions or returns therefrom) not to exceed 20 % of Consolidated Tangible Net Worth at the time any such Investment is made.

7.6 Liens. Create, incur, assume or suffer to exist any Lien upon any of its property, whether now owned or hereafter acquired, except:

(a) Liens for taxes not yet due or that are being contested in good faith by appropriate proceedings, provided that adequate reserves with respect thereto are maintained on the books of the Company or its Subsidiaries, as the case may be, in conformity with GAAP;

(b) carriers', warehousemen's, mechanics', materialmen's, repairmen's or other like Liens arising in the ordinary course of business that are not overdue for a period of more than 30 days or that are being contested in good faith by appropriate proceedings;

(c) pledges or deposits in connection with workers' compensation, unemployment insurance and other social security legislation;

(d) deposits to secure the performance of bids, trade contracts (other than for borrowed money), leases, statutory obligations, surety and appeal bonds, performance bonds and other obligations of a like nature incurred in the ordinary course of business;

(e) Liens on assets of any Insurance Subsidiary pledged as collateral for Indebtedness of such Insurance Subsidiary incurred under Section 7.2(b)(vii);

(f) Liens on assets of any Insurance Subsidiary created to secure obligations of such Insurance Subsidiary in connection with insurance and reinsurance arrangements;

(g) easements, rights-of-way, restrictions and other similar encumbrances incurred in the ordinary course of business that, in the aggregate, are not substantial in amount and that do not in any case materially detract from the value of the property subject thereto or materially interfere with the ordinary conduct of the business of the Company or any of its Subsidiaries;

(h) Liens securing Indebtedness of the Company or any Subsidiary incurred pursuant to Section 7.2(a) or Section 7.2(b)(v) to finance the acquisition, construction or improvement of fixed or capital assets, provided that (i) such Liens shall be created substantially simultaneously with the acquisition, construction or improvement of such fixed or capital assets, (ii) such Liens do not at any time encumber any property other than the property financed by such Indebtedness, and (iii) the aggregate amount of all such Indebtedness of all Subsidiaries does not exceed the limit set forth in Section 7.2(b)(v);

(i) Liens created pursuant to the Security Documents;

(j) any interest or title of a lessor under any lease entered into by the Company or any other Subsidiary in the ordinary course of its business and covering only the assets so leased;

(k) Liens (including Liens in favor of the Custodian with respect to the Accounts) on cash and securities of any Group Member incurred as part of the management of its investment portfolio in accordance with customary portfolio management practice and not in violation of its investment policy as in effect on the date of this Agreement; provided, however, that, with respect



to the Accounts, such Liens shall be permitted only to the extent that the Custodian has agreed to subordinate such Liens as provided in the applicable Collateral Account Control Agreement;

(l) Liens existing on the date hereof and listed on Schedule 7.6;

(m) Liens arising in the ordinary course of business on operating accounts maintained by any Group Member in the ordinary course of business securing obligations (other than Indebtedness) arising in the ordinary course of business in favor of the banks in which such operating accounts are maintained;

(n) attachments, judgments and similar Liens for sums not exceeding \$50,000,000 in the aggregate (excluding any portion thereof covered by insurance as to which the relevant insurance company has acknowledged coverage);

(o) attachments, judgments and similar Liens for sums of \$50,000,000 or more (excluding any portion thereof which is covered by insurance as to which the relevant insurance company has acknowledged coverage), provided that the execution or other enforcement of such Liens is stayed and fully bonded pending appeal;

(p) any Lien existing on property acquired in connection with an Investment made in connection with Section 7.5, provided that such Lien shall extend solely to the item or items of property so acquired and, if required by the terms of the instrument originally creating such Lien, other property which is an improvement to or is acquired for specific use in connection with such acquired property;

(q) restrictions and similar encumbrances created pursuant to Requirements of Law upon the sale or transferability of the Capital Stock of any Insurance Subsidiary and the exercise of any right to control any such Insurance Subsidiary

(r) Liens securing Swap Contracts of any Subsidiary of the Company;

(s) Liens securing obligations of the Borrowers under any secured letter of credit facility existing on the Closing Date;

(t) any extension, renewal or replacement of any Lien permitted by the preceding subparagraphs of this Section 7.6, provided that no additional property (other than a substitution of like property) shall be encumbered thereby and no additional Indebtedness shall be secured thereby unless such additional Indebtedness on such property would have been permitted in connection with the original creation, incurrence or assumption of such Lien; and

(u) other Liens securing obligations not at any time exceeding 10% of Consolidated Tangible Net Worth in the aggregate for the Company and all Subsidiaries.

For the avoidance of doubt, Liens made pursuant to Section 430(k) of the Code or Section 303(k) of ERISA shall not be permitted Liens.

7.7 Clauses Restricting Subsidiary Distributions. Enter into or suffer to exist or become effective any consensual encumbrance or restriction on the ability of any Subsidiary of the Company to (a) make Restricted Payments in respect of any Capital Stock of such Subsidiary held by, or pay any Indebtedness owed to, the Company or any other Subsidiary of the Company, (b) make loans or advances to, or other Investments in, the Company or any other Subsidiary of the Company or (c) transfer any of its assets to the Company or any other Subsidiary of the Company, except for such encumbrances or restrictions existing under or by reason of (i) any restrictions existing under the Loan Documents and (ii) any restrictions with respect to a Subsidiary imposed pursuant to an agreement that has been entered into in connection with the Disposition of all or substantially all of the Capital Stock or assets of such Subsidiary.

7.8 Business. Enter into any business, either directly or through any Subsidiary, except for insurance, reinsurance or insurance-related businesses.

7.9 Rating. Permit at any time the rating of any Relevant Subsidiary that is rated by AM Best to have a rating below AM Best financial strength rating B++. For purposes herein, a "Relevant Subsidiary" is any Insurance Subsidiary the total consolidated assets or total consolidated revenues of which exceed 10% of the total consolidated assets or total consolidated revenues, respectively, of the Company and its Subsidiaries at the end of or for, respectively, the then most recently completed fiscal quarter of the Company for which financial statements shall have been made available to the Lenders as required herein.

7.10 Consolidations, Amalgamations, Mergers and Liquidations. Enter into any merger, consolidation or amalgamation, or liquidate, wind up or dissolve itself (or suffer any liquidation or dissolution), or Dispose of all or substantially all of its property or business, except for (a) the merger or consolidation of any Subsidiary of the Company with or into the Company (provided that the Company shall be the continuing or surviving corporation); (b) the merger or consolidation by any Borrower with or into any other Borrower; (c) the merger or consolidation of any Subsidiary of the Company which is not a Borrower with or into any other Subsidiary of the Company which is not a Borrower or with or into any Borrower (provided that the Borrower is the surviving corporation); (d) the Disposition by any Subsidiary of the Company of any or all of its assets (i) to any Borrower (upon voluntary liquidation or otherwise) or (ii) pursuant to a Disposition permitted by Section 7.3; and (e) the merger or consolidation by any Person (other than as set forth above) with or into the Company or any other Borrower (provided that the Company or such Borrower is the continuing or surviving corporation) so long as at the time of such merger or consolidation and immediately after giving effect thereto no Default or Event of Default exists or would result therefrom.

7.11 Transactions with Affiliates. Sell, lease or otherwise transfer any property or assets to, or purchase, lease or otherwise acquire any property or assets from, or otherwise engage in any other transactions with, any of its Affiliates, except (a) transactions that (i) are in the ordinary course of business and (ii) are at prices and on terms and conditions not less favorable to the applicable Borrower or such

Subsidiary than could be obtained on an arm's-length basis from unrelated third parties, (b) transactions between or among any Borrower and any other Borrower not involving any other Affiliate and (c) transactions with any ILS Entity.

## SECTION 8 EVENTS OF DEFAULT

If any of the following events shall occur and be continuing:

(a) any Borrower shall fail to pay any principal of any Loan or any Reimbursement Obligation when due in accordance with the terms hereof; or any Borrower shall fail to pay any interest on any Loan or any other amount payable hereunder or under any other Loan Document, within five Business Days after any such interest or other amount becomes due in accordance with the terms hereof; or

(b) any representation or warranty made or deemed made by any Borrower herein or in any other Loan Document or that is contained in any certificate, document or financial or other statement furnished by it at any time under or in connection with this Agreement or any such other Loan Document shall prove to have been inaccurate in any material respect on or as of the date made or deemed made; or

(c) any Borrower shall default in the observance or performance of any agreement contained in Section 6.4(a) (with respect to the Borrowers only), Section 6.7(a) or Section 7 of this Agreement; or

(d) any Borrower shall default in the observance or performance of any other agreement contained in this Agreement or any other Loan Document (other than as provided in paragraphs (a) through (c) of this Section), and such default shall continue unremedied for a period of 30 days after notice to the Company from the Administrative Agent or the Required Lenders; or

(e) any Group Member shall (i) default in making any payment of any principal of any Indebtedness (including any Guarantee Obligation, but excluding the Loans) on the scheduled or original due date with respect thereto; or (ii) default in making any payment of any interest on any such Indebtedness beyond the period of grace, if any, provided in the instrument or agreement under which such Indebtedness was created; or (iii) default in the observance or performance of any other agreement or condition relating to any such Indebtedness or contained in any instrument or agreement evidencing, securing or relating thereto, or any other event shall occur or condition exist, the effect of which default or other event or condition is to cause, or to permit the holder or beneficiary of such Indebtedness (or a trustee or agent on behalf of such holder or beneficiary) to cause, with the giving of notice if required, such Indebtedness to become due prior to its stated maturity; provided, that a default, event or condition described in clause (i), (ii) or (iii) of this paragraph (e) shall not at any time constitute an Event of Default unless, at such time, one or more defaults, events or conditions

of the type described in clauses (i), (ii) and (iii) of this paragraph (e) shall have occurred and be continuing with respect to Indebtedness the outstanding principal amount of which exceeds in the aggregate \$50,000,000; or

(f) (i) the Company or any Material Subsidiary shall commence any case, proceeding or other action (A) under any existing or future law of any jurisdiction, domestic or foreign, relating to bankruptcy, insolvency, reorganization or relief of debtors, seeking to have an order for relief entered with respect to it, or seeking to adjudicate it a bankrupt or insolvent, or seeking reorganization, arrangement, adjustment, winding-up, liquidation, dissolution, composition or other relief with respect to it or its debts, or (B) seeking appointment of a receiver, trustee, custodian, conservator or other similar official for it or for all or any substantial part of its assets, or the Company or any Material Subsidiary shall make a general assignment for the benefit of its creditors; or (ii) there shall be commenced against the Company or any Material Subsidiary any case, proceeding or other action of a nature referred to in clause (i) above that (A) results in the entry of an order for relief or any such adjudication or appointment or (B) remains undismissed, undischarged or unbonded for a period of 60 days; or (iii) there shall be commenced against the Company or any Material Subsidiary any case, proceeding or other action seeking issuance of a warrant of attachment, execution, distraint or similar process against all or any substantial part of its assets that results in the entry of an order for any such relief that shall not have been vacated, discharged, or stayed or bonded pending appeal within 60 days from the entry thereof; or (iv) the Company or any Material Subsidiary shall take any action in furtherance of, or indicating its consent to, approval of, or acquiescence in, any of the acts set forth in clause (i), (ii), or (iii) above; or (v) the Company or any Material Subsidiary shall generally not, or shall be unable to, or shall admit in writing its inability to, pay its debts as they become due; or

(g) one or more judgments or decrees shall be entered against any Group Member, and either (x) shall not have been vacated, discharged, stayed or bonded pending appeal within 60 days from the entry thereof or (y) enforcement proceedings are commenced by any creditor upon such judgment or decree, involving in the aggregate a liability (not paid or fully covered by insurance as to which the relevant insurance company has not denied coverage) of \$50,000,000 or more; or

(h) any Loan Document shall cease, for any reason, to be in full force and effect or any Borrower shall so assert; or

(i) a Change of Control shall occur; or

(j) (i) any Single Employer Plan shall fail to meet the minimum funding standards (within the meaning of Sections 412 or 430 of the Code or Section 302 of ERISA), whether or not waived, or any Lien in favor of the PBGC or a Single Employer Plan shall arise on the assets of any Group Member or any Commonly Controlled Entity, (ii) a Reportable Event shall occur with respect to, or proceedings shall commence to have a trustee appointed, or a trustee shall be appointed, to administer or to terminate, any Single Employer Plan, which Reportable Event or commencement

of proceedings or appointment of a trustee is, in the reasonable opinion of the Required Lenders, likely to result in the termination of such Single Employer Plan for purposes of Title IV of ERISA, (iii) any Single Employer Plan shall terminate for purposes of Title IV of ERISA (other than a standard termination within the meaning of Section 4041(b) of ERISA), (iv) there shall be a determination that any Single Employer Plan is, or is expected to be, in "at risk" status (within the meaning of Section 430 of the Code or Section 303 of ERISA); (v) any Group Member or any Commonly Controlled Entity shall, or in the reasonable opinion of the Required Lenders is likely to, incur any liability in connection with a withdrawal from, or the Insolvency of, a Multiemployer Plan or a determination that any such Multiemployer Plan is in "endangered" or "critical" status (within the meaning of Section 432 of the Code or Section 305 of ERISA), or (vi) any other event or condition shall occur or exist with respect to a Plan; and in each case in clauses (i) through (vi) above, such event or condition, together with all other such events or conditions, if any, could, in the sole judgment of the Required Lenders, reasonably be expected to have a Material Adverse Effect;

then, and in any such event, (A) if such event is an Event of Default specified in clause (i) or (ii) of paragraph (f) above with respect to any Borrower, automatically the Commitments shall immediately terminate and the Loans (with accrued interest thereon) and all other amounts owing under this Agreement and the other Loan Documents (including all amounts of L/C Obligations, whether or not the beneficiaries of the then outstanding Letters of Credit shall have presented the documents required thereunder) shall immediately become due and payable, and (B) if such event is any other Event of Default, any or all of the following actions may be taken: (i) with the consent of the Required Lenders, the Administrative Agent may, or upon the request of the Required Lenders, the Administrative Agent shall, by notice to the Company declare the Commitments to be terminated forthwith, whereupon the Commitments shall immediately terminate; (ii) with the consent of the Required Lenders, the Administrative Agent may, or upon the request of the Required Lenders, the Administrative Agent shall, by notice to the Company, declare the Loans (with accrued interest thereon) and all other amounts owing under this Agreement and the other Loan Documents (including all amounts of L/C Obligations, whether or not the beneficiaries of the then outstanding Letters of Credit shall have presented the documents required thereunder) to be due and payable forthwith, whereupon the same shall immediately become due and payable and (iii) with the consent of the Required Lenders, the Administrative Agent may, or upon the request of the Required Lenders, the Administrative Agent shall direct the Collateral Agent to exercise in respect of the Collateral, the rights and remedies under the Security Documents, subject to the provisions of Section 9.5(b) below. With respect to each Letter of Credit issued on behalf of any Borrower with respect to which presentment for honor shall not have occurred at the time of an acceleration pursuant to this paragraph, such Borrower shall at such time deposit in a cash collateral account opened by the Administrative Agent an amount in the currency in which such Letter of Credit is denominated equal to the aggregate then undrawn and unexpired amount of such Letter of Credit. Amounts held in each such cash collateral account shall be applied by the Administrative Agent to the payment of drafts drawn under such Letter of Credit in accordance with the terms and conditions set forth in Section 3, and the unused portion thereof after all Letters of Credit issued on behalf of such Borrower shall have expired or been fully drawn upon, if any, shall be applied to repay other obligations of such Borrower hereunder and

under the other Loan Documents. After all Letters of Credit of such Borrower shall have expired or been fully drawn upon, all Reimbursement Obligations shall have been satisfied and all other obligations of such Borrower hereunder and under the other Loan Documents shall have been paid in full, the balance, if any, in such cash collateral account shall be returned to such Borrower (or such other Person as may be lawfully entitled thereto). Except as expressly provided above in this Section, presentment, demand, protest and all other notices of any kind are hereby expressly waived by the Borrowers.

## SECTION 9 THE AGENTS

9.1 Appointment. Each Lender hereby irrevocably designates and appoints the Administrative Agent as the agent of such Lender under this Agreement and the other Loan Documents and the Collateral Agent as the agent of such Lender and the Administrative Agent under the Security Agreement, and each such Lender irrevocably authorizes the Administrative Agent and the Collateral Agent, as the case may be, in such capacities, to take such action on its behalf under the provisions of this Agreement and the other Loan Documents, as applicable, and to exercise such powers and perform such duties as are expressly delegated to the Administrative Agent and the Collateral Agent, as the case may be, by the terms of this Agreement and the other Loan Documents, as applicable, together with such other powers as are reasonably incidental thereto. Notwithstanding any provision to the contrary elsewhere in this Agreement, neither the Administrative Agent nor the Collateral Agent shall have any duties or responsibilities, except those expressly set forth herein, or any fiduciary relationship with any Lender, and no implied covenants, functions, responsibilities, duties, obligations or liabilities shall be read into this Agreement or any other Loan Document or otherwise exist against the Administrative Agent or the Collateral Agent.

The Administrative Agent and each Lender understand and agree that all Liens created by the Security Agreement on the Collateral have been created in favor of the Collateral Agent, for the benefit of the Administrative Agent and the Lenders, that all rights to take remedial action with respect to the Collateral under the Security Agreement have been granted to the Collateral Agent and that neither the Administrative Agent nor any Lender has the right to take any such remedial action with respect to the Collateral other than through the Collateral Agent.

9.2 Delegation of Duties. The Administrative Agent and the Collateral Agent may each execute any of its duties under this Agreement and the other Loan Documents by or through agents or attorneys-in-fact and shall be entitled to advice of counsel concerning all matters pertaining to such duties. Neither the Administrative Agent nor the Collateral Agent shall be responsible for the negligence or misconduct of any agents or attorneys-in-fact selected by it with reasonable care.

9.3 Exculpatory Provisions. Neither any Agent nor any of their respective officers, directors, employees, agents, attorneys-in-fact or affiliates shall be (i) liable for any action lawfully taken or omitted to be taken by it or such Person under or in connection with this Agreement or any other Loan Document (except to the extent the action or omission was performed with gross negligence or willful misconduct as determined by a final and nonappealable decision of a court of competent jurisdiction) or (ii)

responsible in any manner to any of the Lenders for any recitals, statements, representations or warranties made by any Borrower or any officer thereof contained in this Agreement or any other Loan Document or in any certificate, report, statement or other document referred to or provided for in, or received by the Agents under or in connection with, this Agreement or any other Loan Document or for the value, validity, effectiveness, genuineness, enforceability or sufficiency of this Agreement or any other Loan Document or for any failure of any Borrower party thereto to perform its obligations hereunder or thereunder. The Collateral Agent shall not be liable for any action taken or omitted (i) at the express direction of the Administrative Agent or (ii) with the consent of the Required Lenders, in each case, except to the extent the action or omission directed or consented to was performed with gross negligence or willful misconduct as determined by a final and nonappealable decision of a court of competent jurisdiction. The Agents shall not be under any obligation to any Lender to ascertain or to inquire as to the observance or performance of any of the agreements contained in, or conditions of, this Agreement or any other Loan Document, or to inspect the properties, books or records of any Borrower.

9.4 Reliance. The Administrative Agent shall be entitled to rely, and shall be fully protected in relying, upon any instrument, writing, resolution, notice, consent, certificate, affidavit, letter, telecopy, telex or teletype message, statement, order or other document or conversation believed by it to be genuine and correct and to have been signed, sent or made by the proper Person or Persons and upon advice and statements of legal counsel (including counsel to the Borrowers), independent accountants and other experts selected by the Administrative Agent. The Administrative Agent may deem and treat the payee of any Note as the owner thereof for all purposes unless a written notice of assignment, negotiation or transfer thereof shall have been filed with the Administrative Agent. The Administrative Agent shall be fully justified in failing or refusing to take any action under this Agreement or any other Loan Document unless it shall first receive such advice or concurrence of the Required Lenders (or, if so specified by this Agreement, all Lenders) as it deems appropriate or it shall first be indemnified to its satisfaction by the Lenders against any and all liability and expense that may be incurred by it by reason of taking or continuing to take any such action. The Administrative Agent shall in all cases be fully protected in acting, or in refraining from acting under this Agreement and the other Loan Documents in accordance with a request of the Required Lenders (or, if so specified by this Agreement, all Lenders) and such request and any action taken or failure to act pursuant thereto shall be binding upon all the Lenders and all future holders of the Loans.

(a) The Collateral Agent shall be entitled to rely, and shall be fully protected in relying, upon any instrument, writing, resolution, notice, consent, certificate, affidavit, letter, telecopy, telex or teletype message, statement, order or other document or conversation believed by it to be genuine and correct and to have been signed, sent or made by the proper Person or Persons and upon advice and statements of legal counsel (including counsel to the Borrowers), independent accountants and other experts selected by the Collateral Agent. The Collateral Agent may deem and treat the payee of any Note as the owner thereof for all purposes unless a written notice of assignment, negotiation or transfer thereof shall have been filed with the Administrative Agent. The Collateral Agent shall be fully justified in failing or refusing to take any action under any Security Document unless it shall first receive the direction of the Administrative Agent under Section 8 or such advice or concurrence of the Required Lenders (or, if so specified by this Agreement,

all Lenders) as it deems appropriate or it shall first be indemnified to its satisfaction by the Lenders against any and all liability and expense that may be incurred by it by reason of taking or continuing to take any such action. The Collateral Agent shall in all cases be fully protected in acting, or in refraining from acting, under the Security Agreement at the direction of the Administrative Agent under Section 8 or in accordance with a request of the Required Lenders (or, if so specified by this Agreement, all Lenders), and such request and any action taken or failure to act pursuant thereto shall be binding upon all the Lenders and all future holders of the Loans.

9.5 Notice of Default. The Administrative Agent shall not be deemed to have knowledge or notice of the occurrence of any Default or Event of Default unless it has received notice from a Lender or the Company referring to this Agreement, describing such Default or Event of Default and stating that such notice is a “notice of default”. In the event that the Administrative Agent receives such a notice, the Administrative Agent shall give notice thereof to the Lenders. The Administrative Agent shall take action with respect to such Default or Event of Default as shall be directed by the Required Lenders (or, if so specified by this Agreement, all Lenders); provided that unless and until the Administrative Agent shall have received such directions, the Administrative Agent may (but shall not be obligated to) take such action, or refrain from taking such action, with respect to such Default or Event of Default as it shall deem advisable in the best interests of the Lenders.

(a) The Collateral Agent shall not be deemed to have knowledge or notice of the occurrence of any Default or Event of Default unless it has received notice from the Administrative Agent, a Lender or the Company referring to this Agreement, describing such Default or Event of Default and stating that such notice is a “notice of default”. The Collateral Agent shall take action with respect to such Default or Event of Default as shall be directed by the Administrative Agent under Section 8, or by the Required Lenders (or, if so specified by this Agreement, all Lenders); provided that unless and until the Collateral Agent shall have received such directions, the Collateral Agent may (but shall not be obligated to) take such action, or refrain from taking such action, with respect to such Default or Event of Default as it shall deem advisable in the best interests of the Lenders.

9.6 Non-Reliance on Agents and Other Lenders. Each Lender expressly acknowledges that neither the Agents nor any of their respective officers, directors, employees, agents, attorneys-in-fact or affiliates have made any representations or warranties to it and that no act by any Agent hereafter taken, including any review of the affairs of a Borrower or any affiliate of a Borrower, shall be deemed to constitute any representation or warranty by any Agent to any Lender. Each Lender represents to the Agents that it has, independently and without reliance upon any Agent or any other Lender, and based on such documents and information as it has deemed appropriate, made its own appraisal of and investigation into the business, operations, property, financial and other condition and creditworthiness of the Borrowers and their affiliates and made its own decision to make its Loans hereunder and enter into this Agreement. Each Lender also represents that it will, independently and without reliance upon any Agent or any other Lender, and based on such documents and information as it shall deem appropriate at the time, continue to make its own credit analysis, appraisals and decisions in taking or not taking action under this Agreement and the other Loan Documents, and to make such investigation as it deems necessary to inform itself as to the business, operations,



property, financial and other condition and creditworthiness of the Borrowers and their affiliates. Except for notices, reports and other documents expressly required to be furnished to the Lenders by the Administrative Agent hereunder, neither the Administrative Agent nor the Collateral Agent shall have any duty or responsibility to provide any Lender with any credit or other information concerning the business, operations, property, condition (financial or otherwise), prospects or creditworthiness of any Borrower or any affiliate of a Borrower that may come into the possession of the Administrative Agent or the Collateral Agent or any of its respective officers, directors, employees, agents, attorneys-in-fact or affiliates.

9.7 Indemnification. The Lenders agree to indemnify each Agent (other than the Collateral Agent) in its capacity as such (to the extent not reimbursed by the Borrowers and without limiting the obligation of each Borrower to do so), ratably according to their respective Aggregate Exposure Percentages in effect on the date on which indemnification is sought under this Section (or, if indemnification is sought after the date upon which the Commitments shall have terminated and the Loans shall have been paid in full, ratably in accordance with such Aggregate Exposure Percentages immediately prior to such date), from and against any and all liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses or disbursements of any kind whatsoever that may at any time (whether before or after the payment of the Loans) be imposed on, incurred by or asserted against such Agent in any way relating to or arising out of, the Commitments, this Agreement, any of the other Loan Documents or any documents contemplated by or referred to herein or therein or the transactions contemplated hereby or thereby or any action taken or omitted by such Agent under or in connection with any of the foregoing; provided that no Lender shall be liable for the payment of any portion of such liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses or disbursements that are found by a final and nonappealable decision of a court of competent jurisdiction to have resulted from such Agent's gross negligence or willful misconduct. The agreements in this Section shall survive the payment of the Loans and all other amounts payable hereunder.

(a) The Lenders agree to indemnify the Collateral Agent in its capacity as such (to the extent not reimbursed by the Borrowers and without limiting the obligation of each Borrower to do so), ratably according to the respective percentages which (i) the Aggregate Exposure of each Lender constitutes of (ii) the Aggregate Exposure of all Lenders in effect on the date on which indemnification is sought under this Section (or, if indemnification is sought after the date upon which the Commitments shall have terminated and the Loans shall have been paid in full, ratably in accordance with such percentages immediately prior to such date), from and against any and all liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses or disbursements of any kind whatsoever that may at any time (whether before or after the payment of the Loans) be imposed on, incurred by or asserted against the Collateral Agent in any way relating to or arising out of, the Commitments, this Agreement, any of the other Loan Documents or any documents contemplated by or referred to herein or therein or the transactions contemplated hereby or thereby or any action taken or omitted by the Collateral Agent under or in connection with any of the foregoing; provided that no Lender shall be liable for the payment of any portion of such liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses or disbursements that are found by a final and nonappealable decision of a court of competent jurisdiction to have resulted from the

Collateral Agent's gross negligence or willful misconduct. The agreements in this Section shall survive the payment of the Loans and all other amounts payable hereunder.

9.8 Agent in Its Individual Capacity. Each Agent and its affiliates may make loans to, accept deposits from and generally engage in any kind of business with any Borrower as though such Agent were not an Agent. With respect to its Loans made or renewed by it and with respect to any Letter of Credit issued or participated in by it, each Agent shall have the same rights and powers under this Agreement and the other Loan Documents as any Lender and may exercise the same as though it were not an Agent, and the terms "Lender" and "Lenders" shall include each Agent in its individual capacity.

9.9 Successor Administrative Agent and Collateral Agent.

(a) The Administrative Agent may resign as Administrative Agent upon 30 days' notice to the Lenders and the Company. If the Administrative Agent shall resign as Administrative Agent under this Agreement and the other Loan Documents, then the Required Lenders shall appoint from among the Lenders a successor agent for the Lenders, which successor agent shall (unless an Event of Default under Section 8(a) or Section 8(f) with respect to any Borrower shall have occurred and be continuing) be subject to approval by the Company (which approval shall not be unreasonably withheld or delayed), whereupon such successor agent shall succeed to the rights, powers and duties of the Administrative Agent and the term "Administrative Agent" shall mean such successor agent effective upon such appointment and approval, and the former Administrative Agent's rights, powers and duties as Administrative Agent shall be terminated, without any other or further act or deed on the part of such former Administrative Agent or any of the parties to this Agreement or any holders of the Loans. If no successor agent has accepted appointment as Administrative Agent by the date that is 30 days following a retiring Administrative Agent's notice of resignation, the retiring Administrative Agent's resignation shall nevertheless thereupon become effective, and the Lenders shall assume and perform all of the duties of the Administrative Agent hereunder until such time, if any, as the Required Lenders under this Agreement appoint a successor agent as provided for above. After any retiring Administrative Agent's resignation as Administrative Agent, the provisions of this Section 9 shall inure to its benefit as to any actions taken or omitted to be taken by it while it was Administrative Agent under this Agreement and the other Loan Documents.

(b) The Collateral Agent may resign as Collateral Agent upon 30 days' notice to the Lenders and the Company. In addition, the Company shall have the right (unless a Default or Event of Default shall have occurred and be continuing) to remove the Collateral Agent upon 30 days' prior written notice to the Administrative Agent. If the Collateral Agent shall resign or be removed as Collateral Agent under this Agreement, then the Required Lenders shall appoint from among the Lenders a successor collateral agent, which successor collateral agent shall (unless an Event of Default under Section 8(a) or Section 8(f) with respect to any Borrower shall have occurred and be continuing) be subject to approval by the Company (which approval shall not be unreasonably withheld or delayed), whereupon such successor collateral agent shall succeed to the rights, powers and duties of the Collateral Agent and the term "Collateral Agent" shall mean such successor collateral agent effective upon such appointment and approval, and the former Collateral Agent's rights, powers and duties as Collateral Agent shall be terminated, without any other or further act

or deed on the part of such former Collateral Agent or any of the parties to this Agreement or any holders of the Loans. If no successor collateral agent has accepted appointment as Collateral Agent by the date that is 30 days following a retiring Collateral Agent's notice of resignation or the Administrative Agent's receipt of a notice of removal, the retiring Collateral Agent (after consultation with the Company) may appoint a financial institution rated at least 'A' by S&P or 'A' by Moody's, as a successor collateral agent, whereupon such successor collateral agent shall succeed to the rights, powers and duties of the Collateral Agent and the term "Collateral Agent" shall mean such successor collateral agent effective upon such appointment, and the former Collateral Agent's rights, powers and duties as Collateral Agent shall be terminated, without any other or further act or deed on the part of such former Collateral Agent or any of the parties to this Agreement or any holders of the Loans. After any retiring Collateral Agent's resignation or removal as Collateral Agent, the provisions of this Section 9 shall inure to its benefit as to any actions taken or omitted to be taken by it while it was Collateral Agent under this Agreement and the other Loan Documents.

(c) Any resignation by Barclays Bank PLC as Administrative Agent pursuant to this Section 9.9 shall also constitute its resignation as the L/C Administrator. Upon the acceptance of a successor's appointment as Administrative Agent hereunder, (a) such successor shall succeed to and become vested with all of the rights, powers, privileges and duties of the L/C Administrator, (b) the retiring L/C Administrator shall be discharged from all of its duties and obligations hereunder or under the other Loan Documents, and (c) the successor L/C Administrator shall issue letters of credit in substitution for the Several Letters of Credit, if any, outstanding at the time of such succession or make other arrangements satisfactory to the retiring L/C Administrator to effectively assume the obligations of the retiring L/C Administrator with respect to such Several Letters of Credit.

9.10 Security Document Matters. The Agents, the Lenders, the Issuing Lenders and the Custodian expressly acknowledge and agree that the Security Documents may be enforced only by the action of the Collateral Agent acting upon the instructions of the Required Lenders or the Administrative Agent and that no other such Person shall have any right individually to seek to enforce or to enforce the Security Documents or to realize upon the security to be granted thereby, it being understood and agreed that such rights and remedies may be exercised by the Collateral Agent for the benefit of such Persons upon the terms of the Security Documents.

9.11 Other Agents. The Syndication Agent and the Co-Documentation Agents shall not have any duties or responsibilities hereunder in such capacity.

## SECTION 10 GUARANTEE

10.1 Guarantee. To induce the Lenders to execute and deliver this Agreement and to make the Loans and issue or participate in the Letters of Credit, and in consideration thereof, the Company hereby unconditionally and irrevocably guarantees to the Administrative Agent, for the ratable benefit of the Lenders and their respective successors, indorsees and assigns, the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of the Obligations of

the Subsidiary Borrowers, and the Company further agrees to pay the expenses which may be paid or incurred by the Administrative Agent or the Lenders in collecting any or all of the Obligations and/or enforcing any rights under this Section 10.1 or under the Obligations in accordance with this Section 10.1. The guarantee contained in this Section 10.1 shall remain in full force and effect and be binding in accordance with and to the extent of its terms upon the Company and the successors and assigns thereof, and shall inure to the benefit of the Lenders and their successors and permitted assigns, until the Obligations shall have been satisfied in full and the Loans shall be terminated.

(a) Anything herein to the contrary notwithstanding, the maximum liability of the Company hereunder shall in no event exceed the amount which can be guaranteed by the Company under applicable federal and state laws relating to the insolvency of debtors.

(b) The Company agrees to the extent permitted by applicable law that the Obligations may at any time and from time to time exceed the amount of the liability of the Company hereunder without impairing the guarantee contained in this Section 10 or affecting the rights and remedies of the Administrative Agent or any Lender hereunder.

(c) The guarantee contained in this Section 10 shall remain in full force and effect until all the Obligations and the obligations of the Company under the guarantee contained in this Section 10 shall have been satisfied by payment in full, all Letters of Credit shall have expired or been terminated and the Commitments shall be terminated, notwithstanding that from time to time during the term of this Agreement the Borrowers may be free from any Obligations.

(d) No payment made by any Borrower, the Company or any other Person or received or collected by the Administrative Agent or any Lender from any Borrower, the Company or any other Person by virtue of any action or proceeding or any set-off or appropriation or application at any time or from time to time in reduction of or in payment of the Obligations shall be deemed to modify, reduce, release or otherwise affect the liability of the Company hereunder which shall, notwithstanding any such payment (other than any payment made by the Company in respect of the Obligations or any payment received or collected from the Company in respect of the Obligations), remain liable for the Obligations until the Obligations are paid in full and the Commitments are terminated.

10.2 No Subrogation. Notwithstanding any payment made by the Company hereunder or any set-off or application of funds of the Company by the Administrative Agent or any Lender, the Company shall not be entitled to be subrogated to any of the rights of the Administrative Agent or any Lender against any Borrower or any collateral security or guarantee or right of offset held by the Administrative Agent or any Lender for the payment of the Obligations, nor shall the Company seek or be entitled to seek any contribution or reimbursement from any Borrower in respect of payments made by the Company hereunder, until all amounts owing to the Administrative Agent and the Lenders by any Borrower on account of the Obligations are paid in full, and Letters of Credit shall have expired or been terminated and the Commitments are terminated. If any amount shall be paid to the Company on account of such subrogation rights at any time when all of the Obligations shall not have been paid in full, such amount shall be held by the Company

in trust for the Administrative Agent and the Lenders, segregated from other funds of the Company, and shall, forthwith upon receipt by the Company, be turned over to the Administrative Agent in the exact form received by the Company (duly indorsed by the Company to the Administrative Agent, if required), to be applied against the Obligations, whether matured or unmatured, in such order as the Administrative Agent may determine.

10.3 Amendments, etc. with respect to the Obligations. The Company shall remain obligated hereunder notwithstanding that, without any reservation of rights against the Company and without notice to or further assent by the Company, any demand for payment of any of the Obligations made by the Administrative Agent or any Lender may be rescinded by the Administrative Agent or such Lender and any of the Obligations continued, and the Obligations, or the liability of any other Person upon or for any part thereof, or any collateral security or guarantee therefor or right of offset with respect thereto, may, from time to time, in whole or in part, be renewed, extended, amended, modified, accelerated, compromised, waived, surrendered or released by the Administrative Agent or any Lender, and this Agreement and the Notes and any other documents executed and delivered in connection therewith may be amended, modified, supplemented or terminated, in whole or in part, as the Administrative Agent (or the Required Lenders or all Lenders, as the case may be) may deem advisable from time to time, and any collateral security, guarantee or right of offset at any time held by the Administrative Agent or any Lender for the payment of the Obligations may be sold, exchanged, waived, surrendered or released. Neither the Administrative Agent nor any Lender shall have any obligation to protect, secure, perfect or insure any Lien at any time held by it as security for the Obligations or for the guarantee contained in this Section 10 or any property subject thereto.

10.4 Guarantee Absolute and Unconditional. The Company waives any and all notice of the creation, renewal, extension or accrual of any of the Obligations and notice of or proof of reliance by the Administrative Agent or any Lender upon the guarantee contained in this Section 10 or acceptance of the guarantee contained in this Section 10; the Obligations, and any of them, shall conclusively be deemed to have been created, contracted or incurred, or renewed, extended, amended or waived, in reliance upon the guarantee contained in this Section 10; and all dealings between the Borrowers and the Company, on the one hand, and the Administrative Agent and the Lenders, on the other hand, likewise shall be conclusively presumed to have been had or consummated in reliance upon the guarantee contained in this Section 10. The Company waives diligence, presentment, protest, demand for payment and notice of default or nonpayment to or upon any Borrower or the Company with respect to the Obligations. The Company understands and agrees that the guarantee contained in this Section 10 shall be construed as a continuing, absolute and unconditional guarantee of payment without regard to (a) the validity or enforceability of this Agreement or any Note, any of the Obligations or any other collateral security therefor or guarantee or right of offset with respect thereto at any time or from time to time held by the Administrative Agent or any Lender, (b) any defense, set-off or counterclaim (other than a defense of payment or performance) which may at any time be available to or be asserted by any Borrower or any other Person against the Administrative Agent or any Lender, or (c) any other circumstance whatsoever (with or without notice to or knowledge of the Borrowers or the Company) which constitutes, or might be construed to constitute, an equitable or legal discharge of the Borrowers for the Obligations, or of the Company under the guarantee contained in this

Section 10, in bankruptcy or in any other instance. When making any demand hereunder or otherwise pursuing its rights and remedies hereunder against the Company, the Administrative Agent or any Lender may, but shall be under no obligation to, make a similar demand on or otherwise pursue such rights and remedies as it may have against any Borrower, or any other Person or against any collateral security or guarantee for the Obligations or any right of offset with respect thereto, and any failure by the Administrative Agent or any Lender to make any such demand, to pursue such other rights or remedies or to collect any payments from the Borrowers, or any other Person or to realize upon any such collateral security or guarantee or to exercise any such right of offset, or any release of any Borrower, or any other Person or any such collateral security, guarantee or right of offset, shall not relieve the Company of any obligation or liability hereunder, and shall not impair or affect the rights and remedies, whether express, implied or available as a matter of law, of the Administrative Agent or any Lender against the Company. For the purposes hereof "demand" shall include the commencement and continuance of any legal proceedings.

10.5 Reinstatement. The guarantee contained in this Section 10 shall continue to be effective, or be reinstated, as the case may be, if at any time payment, or any part thereof, of any of the Obligations is rescinded or must otherwise be restored or returned by the Administrative Agent or any Lender upon the insolvency, bankruptcy, dissolution, liquidation or reorganization of any Borrower or the Company, or upon or as a result of the appointment of a receiver, intervenor or conservator of, or trustee or similar officer for, any Borrower or the Company or any substantial part of its property, or otherwise, all as though such payments had not been made.

10.6 Payments. The Company hereby guarantees that payments hereunder will be paid to the Administrative Agent without set-off or counterclaim in the applicable currency at the Funding Office.

10.7 Independent Obligations. The obligations of the Company under the guarantee contained in this Section 10 are independent of the obligations of the Borrowers, and a separate action or actions may be brought and prosecuted against the Company whether or not any Borrower is joined in any such action or actions. The Company waives, to the fullest extent permitted by law, the benefit of any statute of limitations affecting its liability hereunder or the enforcement thereof.

## SECTION 11 MISCELLANEOUS

11.1 Amendments and Waivers. None of this Agreement, any other Loan Document, or any terms hereof or thereof may be amended, supplemented or modified except in accordance with the provisions of this Section 11.1. The Required Lenders and each Borrower which is a party to the relevant Loan Document may, or, with the written consent of the Required Lenders, the Administrative Agent or, as the case may be, the Collateral Agent, and each Borrower which is a party to the relevant Loan Document may, from time to time, (a) enter into written amendments, supplements or modifications hereto and to the other Loan Documents for the purpose of adding any provisions to this Agreement or the other Loan Documents or changing in any manner the rights of the Lenders or the Agents or of the Borrowers hereunder or thereunder or (b) waive, on such terms and conditions as the Required Lenders or the Administrative

Agent or the Collateral Agent, as the case may be, may specify in such instrument, any of the requirements of this Agreement or the other Loan Documents or any Default or Event of Default and its consequences; provided, however, that no such waiver and no such amendment, supplement or modification shall (i) forgive the principal amount or extend the final scheduled date of maturity of any Loan, reduce the stated rate of any interest or fee payable hereunder (except (x) in connection with the waiver of applicability of any post-default increase in interest rates and (y) that any amendment or modification of defined terms used in the financial covenants in this Agreement shall not constitute a reduction in the rate of interest or fees for purposes of this clause (i)) or extend the scheduled date of any payment thereof, or increase the amount or extend the expiration date of any Lender's Commitment, in each case without the written consent of each Lender directly affected thereby; (ii) eliminate or reduce the voting rights of any Lender under this Section 11.1 without the written consent of such Lender; (iii) reduce any percentage specified in the definition of Required Lenders, consent to the assignment or transfer by the Company of any of its rights and obligations under this Agreement and the other Loan Documents, release the Company from any of its obligations under Section 10 with respect to any Borrower which has any then outstanding Obligations, amend, modify or waive any provision of Section 5.2(c), or release all or substantially all of the Collateral (other than when permitted under the Loan Documents) or release all or substantially all of the Borrowers from their obligations under the Security Documents, in each case without the written consent of all Lenders; (iv) amend, modify or waive any provision of Section 11.7 without the written consent of all Lenders; (v) amend, modify or waive any provision of Section 2.11(a) or (b) without the written consent of all Lenders; (vi) amend, modify or waive any provision of Section 9 without the written consent of the Administrative Agent and the Collateral Agent; (vii) amend, modify or waive any provision of Section 3 in any manner that is adverse to the interests of any Issuing Lender or the L/C Administrator without the written consent of such Issuing Lender and/or LC Administrator; (viii) amend, modify or waive any provision of Section 2.17, without the consent of each of the Administrative Agent, each Issuing Lender and the L/C Administrator; or (ix) amend or modify (1) the definition of "Borrowing Base" or any defined terms used in such definition or (2) the provisions of any Loan Document with respect to minimum Collateral requirements, in each case, without the written consent of all Lenders. Any such waiver and any such amendment, supplement or modification shall apply equally to each of the Lenders and shall be binding upon the Loan Parties, the Lenders, the Administrative Agent, the Collateral Agent and all future holders of the Loans. In the case of any waiver, the Loan Parties, the Lenders, the Administrative Agent and the Collateral Agent shall be restored to their former position and rights hereunder and under the other Loan Documents, and any Default or Event of Default waived shall be deemed to be cured and not continuing; but no such waiver shall extend to any subsequent or other Default or Event of Default, or impair any right consequent thereon. Notwithstanding anything herein to the contrary, the Collateral Agent (solely in such capacity) shall agree to any amendments, supplements, modifications or waivers as expressly directed by the Administrative Agent, provided that the Collateral Agent need not agree to any such amendment, supplement, modification or waiver that shall affect its rights or duties.

11.2 Notices. All notices, requests and demands to or upon the respective parties hereto to be effective shall be in writing (including by telecopy), and, unless otherwise expressly provided herein, shall be deemed to have been duly given or made when delivered, or three Business Days after being deposited in the mail, postage prepaid, or, in the case of telecopy notice, when received, addressed as follows in the

case of the Borrowers, the Administrative Agent and the Collateral Agent, and as set forth in an administrative questionnaire delivered to the Administrative Agent in the case of the Issuing Lenders and the Lenders, or to such other address as may be hereafter notified by the respective parties hereto:

The Company, the Borrower Representative or any Borrower: Aspen Insurance Holdings Limited  
141 Front Street  
Hamilton HM 19 Bermuda

Attention: Mark Pickering  
Telecopy: 441.297.9235  
Telephone: 441.295.8201

Administrative Agent: Christopher M. Aitkin  
745 Seventh Avenue, 25th Floor  
New York, NY 10019  
Telecopy: 212.526.5115  
Telephone: 212.320.6564

with a copy to: Christina Hill  
700 Prides Crossing, 2<sup>nd</sup> Floor  
Newark, DE 19713  
Telephone: 302.286.1984  
WSO Address: 12145455230@TLS.LDSPROD.com

Collateral Agent: The Bank of New York Mellon  
101 Barclay Street, 8W  
New York, New York 10286  
  
Attention: Nichole Leo  
Telecopy: 732.667.9536  
Telephone: 412.234.2475

provided that any notice, request or demand to or upon the Company, the Administrative Agent, the Collateral Agent or the Lenders shall not be effective until received.

Notices and other communications to the Lenders hereunder may be delivered or furnished by electronic communications pursuant to procedures approved by the Administrative Agent; provided that the foregoing shall not apply to notices pursuant to Section 2 unless otherwise agreed by the Administrative Agent and the applicable Lender. The Administrative Agent or any Borrower may, in its discretion, agree to accept notices and other communications to it hereunder by electronic communications pursuant to procedures approved by it; provided that approval of such procedures may be limited to particular notices or communications.

11.3 No Waiver; Cumulative Remedies. No failure to exercise and no delay in exercising, on the part of the Administrative Agent, the Collateral Agent or any Lender, any right, remedy, power or privilege hereunder or under the other Loan Documents shall operate as a waiver thereof; nor shall any single



or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights, remedies, powers and privileges herein provided are cumulative and not exclusive of any rights, remedies, powers and privileges provided by law.

11.4 Survival of Representations and Warranties. All representations and warranties made hereunder, in the other Loan Documents and in any document, certificate or statement delivered pursuant hereto or in connection herewith shall survive the execution and delivery of this Agreement and the making of the Loans and other extensions of credit hereunder.

11.5 Payment of Expenses and Taxes. The Company agrees (a) to pay or reimburse the Administrative Agent, the Syndication Agent and the Collateral Agent for all its reasonable and documented or invoiced out-of-pocket costs and expenses incurred in connection with the development, preparation and execution of, and any amendment, supplement or modification to, this Agreement and the other Loan Documents and any other documents prepared in connection herewith or therewith, and the consummation and administration of the transactions contemplated hereby and thereby, including the reasonable and documented or invoiced fees and disbursements of a single counsel to each of (i) the Administrative Agent and the Syndication Agent and (ii) the Collateral Agent, and such other special or local counsel as the Administrative Agent may deem reasonably necessary (and any additional counsel in the case of a conflict) and filing and recording fees and expenses, with statements with respect to the foregoing to be submitted to the Company prior to the Closing Date (in the case of amounts to be paid on the Closing Date) and from time to time thereafter on a quarterly basis or such other periodic basis as the Administrative Agent, the Syndication Agent and the Collateral Agent shall deem appropriate, (b) to pay or reimburse each Lender, the Administrative Agent, the Syndication Agent and the Collateral Agent for all its reasonable and documented or invoiced costs and expenses incurred in connection with the enforcement or preservation of any rights under this Agreement, the other Loan Documents and any such other documents, including the fees and disbursements of a single counsel to each of (i) the Administrative Agent and the Lenders and (ii) the Collateral Agent, and such other special or local counsel as the Administrative Agent may deem reasonably necessary (and any additional counsel in the case of a conflict), (c) to pay, indemnify, and hold each Lender, the Administrative Agent and the Collateral Agent harmless from, any and all recording and filing fees and any and all liabilities with respect to, or resulting from any delay in paying stamp, excise and other taxes, if any, that may be payable or determined to be payable in connection with the execution and delivery of, or consummation or administration of any of the transactions contemplated by, or any amendment, supplement or modification of, or any waiver or consent under or in respect of, this Agreement, the other Loan Documents and any such other documents, and (d) to pay, indemnify, and hold each Lender, any L/C Issuer, the Administrative Agent and the Collateral Agent and their respective officers, directors, employees, advisors, affiliates and agents (each, an “Indemnitee”) harmless from and against any and all other liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses or disbursements of any kind or nature whatsoever (whether brought by a Borrower or any other Person) with respect to the execution, delivery, enforcement, performance and administration of this Agreement, the other Loan Documents or Letters of Credit and any such other documents, including any of the foregoing relating to the use of proceeds

of the Loans or Letters of Credit (including any refusal by any Issuing Bank to honor a demand for payment under a Letter of Credit if the documents presented in connection with such demand do not strictly comply with the terms of such Letter of Credit) or the violation of, noncompliance with or liability under, any Environmental Law applicable to the operations of any Group Member or any of the Properties (provided that such liability was incurred during such time as a Group Member controlled such Properties) and the reasonable documented or invoiced fees and expenses of legal counsel in connection with claims, actions or proceedings by any Indemnitee against any Borrower under any Loan Document or Letter of Credit or any actual or prospective claim, litigation, investigation or proceeding relating to any of the foregoing, whether based on contract, tort or any other theory, whether brought by a third party or by the Company, and regardless of whether any Indemnitee is a party thereto (all the foregoing in this clause (d), collectively, the "Indemnified Liabilities"), provided, that the Company shall have no obligation hereunder to any Indemnitee with respect to Indemnified Liabilities to the extent such Indemnified Liabilities are found by a final and nonappealable decision of a court of competent jurisdiction to have resulted from the gross negligence or willful misconduct of such Indemnitee or its affiliates. Without limiting the foregoing, and to the extent permitted by applicable law, the Company agrees not to assert and to cause its Subsidiaries not to assert, and hereby waives and agrees to cause its Subsidiaries to waive, all rights for contribution from any Indemnitee or any other rights of recovery from any Indemnitee with respect to all claims, demands, penalties, fines, liabilities, settlements, damages, costs and expenses of whatever kind or nature, under or related to Environmental Laws, that any of them might have by statute or otherwise against any Indemnitee. All amounts due under this Section 11.5 shall be payable not later than 10 Business Days after written demand therefor and shall be accompanied by a statement setting forth in reasonable detail the source of such Indemnified Liability and the amount claimed thereunder. Statements payable by the Company pursuant to this Section 11.5 shall be submitted to the Company, at the address of the Company set forth in Section 11.2, or to such other Person or address as may be hereafter designated by the Company in a written notice to the Administrative Agent. The agreements in this Section 11.5 shall survive repayment of the Loans and all other amounts payable hereunder.

11.6 Successors and Assigns; Participations and Assignments. (a) The provisions of this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns permitted hereby (including any affiliate of any Issuing Lender that issues any Letter of Credit), except that (i) no Borrower may assign or otherwise transfer any of its rights or obligations hereunder without the prior written consent of each Lender (and any attempted assignment or transfer by any Borrower without such consent shall be null and void) and (ii) no Lender may assign or otherwise transfer its rights or obligations hereunder except in accordance with this Section.

(b) (i) Subject to the conditions set forth in paragraph (b)(ii) below, any Lender may assign to one or more assignees (each, an "Assignee") all or a portion of its rights and obligations under this Agreement (including all or a portion of its Commitments and the Loans at the time owing to it) with the prior written consent (such consent not to be unreasonably withheld or delayed) of:

(A) the Company, provided that no consent of the Company shall be required for an assignment (1) to a Lender, an Affiliate of a Lender or an Approved Fund (as defined below) or (2) if an Event of Default has occurred and is continuing;

(B) the Administrative Agent; and

(C) the Issuing Lenders.

(ii) Assignments shall be subject to the following additional conditions:

(A) except in the case of an assignment to a Lender, an Affiliate of a Lender or an Approved Fund or an assignment of the entire remaining amount of the assigning Lender's Commitments or Loans, the amount of the Commitments or Loans of the assigning Lender subject to each such assignment (determined as of the date the Assignment and Assumption with respect to such assignment is delivered to the Administrative Agent) shall not be less than \$5,000,000 unless each of the Company and the Administrative Agent otherwise consent, provided that such amounts shall be aggregated in respect of each Lender and its Affiliates or Approved Funds, if any;

(B) the parties to each assignment shall execute and deliver to the Administrative Agent an Assignment and Assumption, together with a processing and recordation fee of \$3,500;

(C) the Assignee, if it shall not be a Lender, shall deliver to the Administrative Agent an administrative questionnaire; and

(D) no such assignment shall be made to (I) a Borrower or an Affiliate or Subsidiary of a Borrower, (II) any Defaulting Lender or any of its Subsidiaries, or any Person who, upon becoming a Lender hereunder, would constitute any of the foregoing Persons described in this subclause (II), (III) a natural person or (IV) any Person which is a Non-NAIC Approved Bank (unless such Non-NAIC Approved Bank shall have in effect a Limited Fronting Lender Agreement with a Lender which is a NAIC Approved Bank).

For the purposes of this Section 11.6, the term "Approved Fund" has the following meaning:

"Approved Fund" means any Person (other than a natural person) that is engaged in making, purchasing, holding or investing in bank loans and similar extensions of credit in the ordinary course of its business and that is administered or managed by (a) a Lender, (b) an Affiliate of a Lender or (c) an entity or an Affiliate of an entity that administers or manages a Lender.

(iii) Subject to acceptance and recording thereof pursuant to paragraph (b)(iv) below, from and after the effective date specified in each Assignment and Assumption the Assignee thereunder shall be a party hereto and, to the extent of the interest assigned by such Assignment and

Assumption, have the rights and obligations of a Lender under this Agreement, and the assigning Lender thereunder shall, to the extent of the interest assigned by such Assignment and Assumption, be released from its obligations under this Agreement (and, in the case of an Assignment and Assumption covering all of the assigning Lender's rights and obligations under this Agreement, such Lender shall cease to be a party hereto but shall continue to be entitled to the benefits of Sections 2.12, 2.13, 2.14 and 11.5). Any assignment or transfer by a Lender of rights or obligations under this Agreement that does not comply with this Section 11.6 shall be treated for purposes of this Agreement as a sale by such Lender of a participation in such rights and obligations in accordance with paragraph (c) of this Section.

(iv) The Administrative Agent, acting for this purpose as an agent of the Borrowers, shall maintain at one of its offices a copy of each Assignment and Assumption delivered to it and a register for the recordation of the names and addresses of the Lenders, and the Commitments of, and principal amount (and stated interest) of the Loans and L/C Obligations owing to, each Lender pursuant to the terms hereof from time to time (the "Register"). The entries in the Register shall be conclusive, and the Borrowers, the Administrative Agent and the Lenders shall treat each Person whose name is recorded in the Register pursuant to the terms hereof as a Lender hereunder for all purposes of this Agreement, notwithstanding notice to the contrary. The Register shall be available for inspection by the Borrowers and any Lender, at any reasonable time and from time to time upon reasonable prior notice.

(v) Upon its receipt of a duly completed Assignment and Assumption executed by an assigning Lender and an Assignee, the Assignee's completed administrative questionnaire (unless the Assignee shall already be a Lender hereunder), the processing and recordation fee referred to in paragraph (b) of this Section and each written consent to such assignment required by paragraph (b) of this Section, the Administrative Agent shall accept such Assignment and Assumption and record the information contained therein in the Register. No assignment shall be effective for purposes of this Agreement unless it has been recorded in the Register as provided in this paragraph.

(c) (i) Any Lender may, without the consent of any Borrower, the Company, any Issuing Lender or the Administrative Agent, sell participations to one or more banks or other entities (a "Participant") in all or a portion of such Lender's rights and obligations under this Agreement (including all or a portion of its Commitments and the Loans owing to it); provided that (A) such Lender's obligations under this Agreement shall remain unchanged, (B) such Lender shall remain solely responsible to the other parties hereto for the performance of such obligations and (C) the Borrowers, the Administrative Agent and the Lenders shall continue to deal solely and directly with such Lender in connection with such Lender's rights and obligations under this Agreement. Any agreement pursuant to which a Lender sells such a participation shall provide that such Lender shall retain the sole right to enforce this Agreement and to approve any amendment, modification or waiver of any provision of this Agreement; provided that such agreement may provide that such Lender will not, without the consent of the Participant, agree to any amendment, modification or waiver that (1) requires the consent of each Lender directly affected thereby pursuant to the proviso to the second sentence of Section 11.1 and (2) directly affects such Participant. Subject to paragraph

(c)(ii) of this Section, each Borrower agrees that each Participant shall be entitled to the benefits of, and subject to the limitations of, Sections 2.12, 2.13, 2.14 to the same extent as if it were a Lender and had acquired its interest by assignment pursuant to paragraph (b) of this Section. To the extent permitted by law, each Participant also shall be entitled to the benefits of Section 11.8 as though it were a Lender, provided such Participant shall be subject to Section 11.7 as though it were a Lender.

(i) A Participant shall not be entitled to receive any greater payment under Section 2.12 or 2.13 than the applicable Lender would have been entitled to receive with respect to the participation sold to such Participant, unless the sale of the participation to such Participant is made with the Company's prior written consent. Any Participant that is a Non-U.S. Lender shall not be entitled to the benefits of Section 2.13 unless such Participant complies with Section 2.13(e).

(ii) Each Lender that sells a participation, acting solely for this purpose as a non-fiduciary agent (solely for tax purposes) of the Borrowers, shall maintain a register on which it enters the name and address of each Participant and the principal amounts (and stated interest) of each Participant's interest in the Loans and other obligations under this Agreement (the "Participant Register"). The entries in the Participant Register shall be conclusive, and such Lender, each Borrower and the Administrative Agent shall treat each person whose name is recorded in the Participant Register pursuant to the terms hereof as the owner of such participation for all purposes of this Agreement, notwithstanding notice to the contrary.

Notwithstanding anything else provided herein or otherwise, no Lender shall have any obligation to disclose all or any portion of the Participant Register to any Borrower or any other Person (including the identity of any Participant or any information relating to a Participant's interest in the Loans or other obligations under this Agreement or any other Loan Document) except to the extent such disclosure is necessary to establish that the Loans or such other obligations are in registered form under Section 5f.103-1(c) of the United States Treasury Regulations, provided that any Participant shall only be entitled to the benefits of this Section 11.6(c) if the identity of such Participant has been disclosed to the Company.

(d) Any Lender may at any time pledge or grant a security interest in all or any portion of its rights under this Agreement to secure obligations of such Lender, including any pledge or grant to secure obligations to a Federal Reserve Bank, and this Section shall not apply to any such pledge or grant of a security interest; provided that no such pledge or grant of a security interest shall release such Lender from any of its obligations hereunder or substitute any such pledgee or grantee for such Lender as a party hereto and, provided, further, that nothing in this paragraph (d) shall be deemed to limit in any way the application of Section 11.6(b) to any assignment of the rights or obligations of such Lender under this Agreement resulting from a foreclosure of any such pledge or security interest.

(e) Each Borrower, upon receipt of written notice from the relevant Lender, agrees to issue Notes to any Lender requiring Notes to facilitate transactions of the type described in paragraph (d) above.

11.7 Adjustments. Except to the extent that this Agreement expressly provides for payments to be allocated to a particular Lender or to the Lenders, if any Lender (a "Benefitted Lender") shall receive any payment of all or part of the Obligations owing to it (whether directly from the Borrower, indirectly as a result of payment under the guarantee provided for in Section 10 or from the proceeds of the exercise of any remedies with respect to the Collateral pursuant to the Security Documents or otherwise), or receive any collateral in respect thereof (whether voluntarily or involuntarily, by set-off, pursuant to events or proceedings of the nature referred to in Section 8(f), or otherwise), in a greater proportion than any such payment to or collateral received by any other Lender, if any, in respect of the Obligations owing to such other Lender, such Benefitted Lender shall purchase for cash from the other Lenders a participating interest in such portion of the Obligations owing to each such other Lender, or shall provide such other Lenders with the benefits of any such collateral, as shall be necessary to cause such Benefitted Lender to share the excess payment or benefits of such collateral ratably with each of the Lenders; provided, however, that if all or any portion of such excess payment or benefits is thereafter recovered from such Benefitted Lender, such purchase shall be rescinded, and the purchase price and benefits returned, to the extent of such recovery, but without interest.

11.8 Set-off. Upon the occurrence and continuation of an Event of Default, in addition to any rights and remedies of the Lenders provided by law, each Lender shall have the right, without prior notice to any Borrower, any such notice being expressly waived by each Borrower to the extent permitted by applicable law, upon any amount becoming due and payable by any Borrower hereunder (whether at the stated maturity, by acceleration or otherwise), to set off and appropriate and apply against such amount any and all deposits (general or special, time or demand, provisional or final), in any currency, and any other credits, indebtedness or claims, in any currency, in each case whether direct or indirect, absolute or contingent, matured or unmatured, at any time held or owing by such Lender or any branch or agency thereof to or for the credit or the account of such Borrower, as the case may be, or of the Company. Each Lender agrees promptly to notify the Company and the Administrative Agent after any such setoff and application made by such Lender, provided that the failure to give such notice shall not affect the validity of such setoff and application.

11.9 Counterparts. This Agreement may be executed by one or more of the parties to this Agreement on any number of separate counterparts, and all of said counterparts taken together shall be deemed to constitute one and the same instrument. Delivery of an executed signature page of this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually executed counterpart hereof. A set of the copies of this Agreement signed by all the parties shall be lodged with the Company and the Administrative Agent.

11.10 Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

11.11 Integration. This Agreement and the other Loan Documents represent the entire agreement of the Borrowers, the Administrative Agent, the Collateral Agent and the Lenders with respect to the subject matter hereof and thereof, and there are no promises, undertakings, representations or warranties by the Administrative Agent, the Collateral Agent or any Lender relative to the subject matter hereof not expressly set forth or referred to herein or in the other Loan Documents.

11.12 GOVERNING LAW. THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES UNDER THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK. THE CHOICE OF GOVERNING LAW HAS BEEN MADE PURSUANT TO SECTION 5-1401 OF THE NEW YORK GENERAL OBLIGATIONS LAW.

11.13 Submission To Jurisdiction; Waivers. The Company, each other Borrower, the Administrative Agent, the Collateral Agent and each Lender hereby irrevocably and unconditionally:

(a) submits for itself and its property in any legal action or proceeding relating to this Agreement and the other Loan Documents to which it is a party, or for recognition and enforcement of any judgment in respect thereof, to the exclusive general jurisdiction of the courts of the State of New York sitting in New York County, the courts of the United States for the Southern District of New York, and appellate courts from any thereof; provided that nothing in this Agreement shall affect any right that the Administrative Agent, any Lender or any L/C Issuer may otherwise have to bring any action or proceeding relating to this Agreement or any other Loan Document against the Borrowers or their properties in the courts of any jurisdiction;

(b) consents that any such action or proceeding may be brought in such courts and waives any objection that it may now or hereafter have to the venue of any such action or proceeding in any such court or that such action or proceeding was brought in an inconvenient court and agrees not to plead or claim the same;

(c) agrees that service of process in any such action or proceeding may be effected by mailing a copy thereof by registered or certified mail (or any substantially similar form of mail), postage prepaid, to the Borrowers, as the case may be at its address set forth in Section 11.2 or at such other address of which the Administrative Agent shall have been notified pursuant thereto;

(d) agrees that nothing herein shall affect the right to effect service of process in any other manner permitted by law or shall limit the right to sue in any other jurisdiction; and

(e) waives, to the maximum extent not prohibited by law, any right it may have to claim or recover in any legal action or proceeding referred to in this Section any special, exemplary, punitive or consequential damages; provided, however, that nothing contained in this Section 11.13(e) shall limit the Company's, the other Borrowers' or the Lenders' indemnity and reimbursement obligations

to the extent set forth in any Loan Document in respect of any third-party claims alleging such special, exemplary, punitive or consequential damages.

11.14 Process Agent. The Company and each other Borrower hereby irrevocably designates, appoints, authorizes and empowers Aspen American Insurance Company, with offices currently located at 590 Madison Avenue, 7<sup>th</sup> Floor, New York, NY 10022 (the "Process Agent"), as its agent to receive on behalf of itself and its property, service of copies of the summons and complaint and any other process which may be served in any suit, action or proceeding brought in the United States District Court for the Southern District of New York or the New York Supreme Court, New York County, and any appellate court thereof. Such service may be made by delivering a copy of such process to the Company and the other relevant Borrowers in care of the Process Agent at its address specified above, with a copy delivered to the Company and the other relevant Borrowers in accordance with Section 11.2, and the Company and each other Borrower hereby authorizes and directs the Process Agent to accept such service on its behalf. The appointment of the Process Agent shall be irrevocable until the appointment of a successor Process Agent. The Company and each other Borrower further agrees to promptly appoint a successor Process Agent in New York City (which shall accept such appointment in form and substance satisfactory to the Administrative Agent) prior to the termination for any reason of the appointment of the initial Process Agent.

11.15 Currency of Payment. Each payment owing by the Company or any other Borrower hereunder shall be made in the relevant currency specified herein or, if not specified herein, specified in any other Loan Document executed by the Administrative Agent or the Collateral Agent (the "Currency of Payment") at the place specified herein (such requirements are of the essence of this Agreement). If, for the purpose of obtaining judgment in any court, it is necessary to convert a sum due hereunder in a Currency of Payment into another currency, the parties hereto agree that the rate of exchange used shall be that at which in accordance with normal banking procedures the Administrative Agent could purchase such Currency of Payment with such other currency at the Spot Selling Rate on the Business Day preceding that on which final judgment is given. The obligations in respect of any sum due hereunder to any Lender or any L/C Issuer shall, notwithstanding any adjudication expressed in a currency other than the Currency of Payment, be discharged only to the extent that, on the Business Day following receipt by such Lender or L/C Issuer of any sum adjudged to be so due in such other currency, such Lender or L/C Issuer may, in accordance with normal banking procedures, purchase the Currency of Payment with such other currency. The parties hereto agree that (a) if the amount of the Currency of Payment so purchased is less than the sum originally due to such Lender or L/C Issuer in the Currency of Payment, as a separate obligation and notwithstanding the result of any such adjudication, the Company or such other Borrower, as applicable, shall immediately pay the shortfall (in the Currency of Payment) to such Lender or L/C Issuer and (b) if the amount of the Currency of Payment so purchased exceeds the sum originally due to such Lender or L/C Issuer, such Lender or L/C Issuer shall promptly pay the excess over to the Company or such other Borrower, as applicable, in the currency and to the extent actually received.

11.16 Releases of Liens. (a) Notwithstanding anything to the contrary contained herein or in any other Loan Document, the Collateral Agent is hereby irrevocably authorized by each Lender (without requirement of notice to or consent of any Lender except as expressly required by Section 11.1) to take any



action requested by the Company having the effect of releasing any Collateral (i) to the extent permitted by the Security Agreement and the applicable Collateral Account Control Agreement or that has been consented to in accordance with Section 11.1 or (ii) under the circumstances described in paragraph (b) below.

(b) At such time as all Letters of Credit shall have expired, been terminated or been fully cash collateralized pursuant to Section 8 and the Commitments have been terminated and no Default or Event of Default has occurred and is continuing, the Collateral (other than any such cash collateral) shall cease to secure the Obligations, the Collateral (other than any such cash collateral) shall be released from the Liens created by the Security Agreement, and the Security Agreement and each Collateral Account Control Agreement and all obligations (other than those expressly stated to survive such termination) of the Administrative Agent, the Collateral Agent and each Borrower under the Security Agreement and each Collateral Account Control Agreement shall terminate, all without delivery of any instrument or performance of any act by any Person.

11.17 Confidentiality. Each of the Administrative Agent, the Collateral Agent and each Lender agrees to keep confidential all non-public information provided to it by any Group Member, the Administrative Agent, the Collateral Agent or any Lender pursuant to or in connection with this Agreement (the “Information”); provided that nothing herein shall prevent the Administrative Agent, the Collateral Agent or any Lender from disclosing any such Information (a) to the Administrative Agent, the Collateral Agent, any other Lender or any affiliate thereof, (b) subject to an agreement to comply with the provisions of this Section, to any actual or prospective Transferee or any actual or prospective counterparty (or its related parties) to any swap, derivative or other transaction under which payments are to be made by reference to any Borrower and its obligations, this Agreement or payments hereunder, (c) to its employees, directors, agents, attorneys, accountants, auditors and other professional advisors or those of any of its affiliates, provided that such parties agree to comply with the provisions of this Section, (d) upon the request or demand of any Governmental Authority (including any stock exchange or other similar organization or self-regulatory body), provided that the Administrative Agent, the Collateral Agent or any Lender, as the case may be, requests confidential treatment of such Information to the extent permitted by law, (e) in response to any order of any court or other Governmental Authority or as may otherwise be required pursuant to any Requirement of Law, provided that the Administrative Agent, the Collateral Agent or any Lender, as the case may be, requests confidential treatment of such Information to the extent permitted by law, (f) if requested or required to do so in connection with any litigation or similar proceeding, provided that (1) the Administrative Agent, the Collateral Agent or any Lender, as the case may be, provides the Company with notice of such event promptly upon obtaining knowledge thereof (provided that the Administrative Agent, the Collateral Agent or any Lender, as the case may be, is not legally prohibited by law from giving such notice) so that the Company may seek a protective order or other appropriate remedy and (2) in the event that such protective order or other remedy is not obtained, the Administrative Agent, the Collateral Agent or any Lender, as the case may be, shall furnish only that portion of the Information that is legally required and shall disclose the Information in a manner reasonably designed to preserve its confidential nature, (g) that has been publicly disclosed other than as a result of (1) disclosure by the Administrative Agent, the Collateral Agent or any Lender in violation of this Agreement or (2) becoming available from a third party

which to the knowledge of the Administrative Agent, the Collateral Agent or any Lender, as the case may be, is prohibited from disclosing such information pursuant to a contractual, legal or fiduciary obligation to the Company or a third party, (h) to the National Association of Insurance Commissioners or any similar organization or any nationally recognized rating agency that requires access to information about a Lender's investment portfolio in connection with ratings issued with respect to such Lender, or (i) in connection with the exercise of any remedy hereunder or under any other Loan Document.

11.18 Several Obligations of Borrowers; Company as Agent of Borrowers. (a) The Obligations of each Borrower shall be several in nature.

(b) Each Borrower irrevocably appoints the Company as its agent for all purposes relevant to this Agreement and each of the other Loan Documents, including (i) the giving and receipt of notices and (ii) the execution and delivery of all documents, instruments and certificates contemplated herein and all modifications hereto. Any acknowledgement, consent, direction, certification or other action which might otherwise be valid or effective only if given or taken by all Borrowers, or by each Borrower acting singly, shall be valid and effective if given or taken only by the Company, whether or not any such other Borrower joins therein. Any notice, demand, consent, acknowledgement, direction, certification or other communication delivered to the Company in accordance with the terms of this Agreement shall be deemed to have been delivered to each other Borrower.

11.19 [Reserved.].

11.20 **WAIVERS OF JURY TRIAL. THE COMPANY, EACH OTHER BORROWER, THE ADMINISTRATIVE AGENT, THE COLLATERAL AGENT AND THE LENDERS HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVE TRIAL BY JURY IN ANY LEGAL ACTION OR PROCEEDING RELATING TO THIS AGREEMENT OR ANY OTHER LOAN DOCUMENT AND FOR ANY COUNTERCLAIM THEREIN.**

11.21 No Advisory or Fiduciary Duty. In connection with all aspects of each transaction contemplated hereby (including in connection with any amendment, waiver or other modification hereof or of any other Loan Document), the Borrowers acknowledge and agree, and acknowledge their Affiliates' understanding, that: (a) (i) no fiduciary, advisory or agency relationship between the Borrowers and their respective Subsidiaries and any Agent, any L/C Issuer or any Lender is intended to be or has been created in respect of the transactions contemplated hereby or by the other Loan Documents, irrespective of whether any Agent, any L/C Issuer or any Lender has advised or is advising the Borrower or any Subsidiary on other matters, (ii) the arranging and other services regarding this Agreement provided by the Agents, the L/C Issuers and the Lenders are arm's-length commercial transactions between the Borrowers and their Affiliates, on the one hand, and the Agents, the L/C Issuers and the Lenders, on the other hand, (iii) the Borrowers have consulted their own legal, accounting, regulatory and tax advisors to the extent that they have deemed appropriate and (iv) the Borrowers are capable of evaluating, and understand and accept, the terms, risks and conditions of the transactions contemplated hereby and by the other Loan Documents; and (b) (i) the Agents, the L/C Issuers and the Lenders each is and has been acting solely as a principal and, except as

expressly agreed in writing by the relevant parties, has not been, is not, and will not be acting as an advisor, agent or fiduciary for the Borrowers or any of their Affiliates, or any other Person; (ii) none of the Agents, the L/C Issuers and the Lenders has any obligation to the Borrowers or any of their Affiliates with respect to the transactions contemplated hereby except those obligations expressly set forth herein and in the other Loan Documents; and (iii) the Agents, the L/C Issuers and the Lenders and their respective Affiliates may be engaged, for their own accounts or the accounts of customers, in a broad range of transactions that involve interests that differ from those of the Borrowers and their Affiliates, and none of the Agents, the L/C Issuers and the Lenders has any obligation to disclose any of such interests to the Borrowers or their Affiliates. To the fullest extent permitted by law, each Borrower hereby waives and releases any claims that it may have against the Agents, the L/C Issuers and the Lenders with respect to any breach or alleged breach of agency or fiduciary duty in connection with any aspect of any transaction contemplated hereby.

11.22 USA Patriot Act. Each Lender hereby notifies each Borrower that pursuant to the requirements of the Patriot Act, it is required to obtain, verify and record information that identifies each Borrower, which information includes the name and address of each such Borrower and other information that will allow such Lender to identify each such Borrower in accordance with the Patriot Act.

11.23 Effect of Restatement. This Agreement amends and restates and supersedes and replaces the Existing Credit Agreement. The parties hereto acknowledge and agree that (a) this Agreement and the other Loan Documents executed and delivered in connection herewith do not constitute a novation, payment and reborrowing, or termination of the obligations under the Existing Credit Agreement as in effect prior to the date hereof; (b) such obligations are in all respects continuing (as amended and restated and superseded and replaced hereby) with only the terms being modified as provided in this Agreement and in the Loan Documents; (c) the Security Agreement and each Collateral Account Control Agreement, as amended as of the date hereof, remain in full force and effect and are hereby ratified and confirmed; (d) all Liens arising under any Loan Document are continuing and in full force and effect and secure the payment of the Secured Letters of Credit; and (e) upon the effectiveness of this Agreement, all letters of credit outstanding under the Existing Credit Agreement will be deemed to be Letters of Credit hereunder and subject to the terms hereof. The Lenders party hereto (constituting the Required Lenders as defined in the Existing Credit Agreement) hereby authorize and direct the Collateral Agent to enter into this Agreement.

11.24 Acknowledgement and Consent to Bail-In of EEA Financial Institutions. Notwithstanding anything to the contrary in any Loan Document or in any other agreement, arrangement or understanding among any such parties, each party hereto acknowledges that any liability of any EEA Financial Institution arising under any Loan Document, to the extent such liability is unsecured, may be subject to the Write-Down and Conversion Powers of the EEA Resolution Authority and agrees and consents to, and acknowledges and agrees to be bound by:

(a) the application of any Write-Down and Conversion Powers by an EEA Resolution Authority to any such liabilities arising hereunder which may be payable to it by any party hereto that is an EEA Financial Institution; and

(b) the effects of any Bail-In Action or any such liability, including, if applicable:

(i) a reduction in full or in part or cancellation of any such liability;

(ii) a conversion of all, or a portion of, such liability into shares or other instruments of ownership in such EEA Financial Institution, its parent entity, or a bridge institution that may be issued to it or otherwise conferred on it, and that such shares or other instruments of ownership will be accepted by it in lieu of any rights with respect to any such liability under this Agreement or any other Loan Document; or

(iii) the variation of the terms of such liability in connection with the exercise of the Write-Down and Conversion Powers of any EEA Resolution Authority.

## SECTION 12

### THE BORROWER REPRESENTATIVE

12.1 Appointment; Nature of Relationship. The Company is hereby appointed by each of the Borrowers as its contractual representative (herein referred to as the “Borrower Representative”) hereunder and under each other Loan Document, and each of the Borrowers irrevocably authorizes the Borrower Representative to act as the contractual representative of such Borrower with the rights and duties expressly set forth herein and in the other Loan Documents. The Borrower Representative agrees to act as such contractual representative upon the express conditions contained in this Section 12. Additionally, each Borrower hereby appoints, to the extent the Borrower Representative requests any Loan on behalf of such Borrower, the Borrower Representative as its agent to receive all of the proceeds of such Loan, at which time the Borrower Representative shall promptly disburse such Loan to such Borrower. Neither the Agents, the Lenders or the Applicable Issuing Parties and their respective officers, directors, agents or employees, shall be liable to the Borrower Representative or any Borrower for any action taken or omitted to be taken by the Borrower Representative or the Borrowers pursuant to this Section 12.1.

12.2 Powers. The Borrower Representative shall have and may exercise such powers under the Loan Documents as are specifically delegated to the Borrower Representative by the terms of each thereof, together with such powers as are reasonably incidental thereto. The Borrower Representative shall have no implied duties to the Borrowers, or any obligation to the Lenders to take any action thereunder except any action specifically provided by the Loan Documents to be taken by the Borrower Representative.

12.3 Employment of Agents. The Borrower Representative may execute any of its duties as the Borrower Representative hereunder and under any other Loan Document by or through authorized officers.

12.4 Notices. Any notice provided to the Borrower Representative hereunder shall constitute notice to each Borrower on the date received by the Borrower Representative.

12.5 Successor Borrower Representative. Upon the prior written consent of the Administrative Agent, the Borrower Representative may resign at any time, such resignation to be effective upon the appointment of a successor Borrower Representative acceptable to the Administrative Agent. The Administrative Agent shall give notice of such resignation to the Lenders.

12.6 Execution of Loan Documents; Borrowing Base Certificate. The Borrowers hereby empower and authorize the Borrower Representative, on behalf of the Borrowers, to execute and deliver to the Agents, the Applicable Issuing Parties and the Lenders the Loan Documents and all related agreements, certificates, documents, or instruments as shall be necessary or appropriate to effect the purposes of the Loan Documents. Each Borrower agrees that any action taken by the Borrower Representative or the Borrowers in accordance with the terms of this Agreement or the other Loan Documents, and the exercise by the Borrower Representative of its powers set forth therein or herein, together with such other powers that are reasonably incidental thereto, shall be binding upon all of the Borrowers.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their proper and duly authorized officers as of the day and year first above written.

ASPEN INSURANCE HOLDINGS LIMITED,  
as a Borrower

By: /s/ Christopher O'Kane  
Name: Christopher O'Kane  
Title: Chief Executive Officer

By: /s/ Scott Kirk  
Name: Scott Kirk  
Title: Chief Financial Officer

ASPEN BERMUDA LIMITED,  
as a Borrower

By: /s/ Michael Cain  
Name: Michael Cain  
Title: Chief Executive Officer

ASPEN INSURANCE UK LIMITED,  
as a Borrower

By: /s/ Karen Green  
Name: Karen Green  
Title: Director

ASPEN (UK) HOLDINGS LIMITED,  
as a Borrower

By: /s/ Scott Kirk  
Name: Scott Kirk  
Title: Director

ASPEN SPECIALTY INSURANCE COMPANY,  
as a Borrower

By: /s/ Kenneth Cadematori  
Name: Kenneth Cadematori  
Title: CFO

ASPEN U.S. HOLDINGS, INC.,  
as a Borrower

By: /s/ Kenneth Cadematori  
Name: Kenneth Cadematori  
Title: CFO

ASPEN UNDERWRITING LIMITED,  
as a Borrower

By: /s/ Karen Green  
Name: Karen Green  
Title: Director

ASPEN AMERICAN INSURANCE COMPANY,  
as a Borrower

By: /s/ Kenneth Cadematori  
Name: Kenneth Cadematori  
Title: CFO

BARCLAYS BANK PLC,  
as Administrative Agent and a Lender

By: /s/ Karla K. Maloof  
Name: Karla K. Maloof  
Title: Head of Insurance, FIG Corporate Banking-NA

*Executed in New York*



CITIBANK, N.A.,  
as Syndication Agent and a Lender

By: /s/ John M. Mcdin  
Name: John M. Mcdin  
Title: Managing Director

THE BANK OF NEW YORK MELLON,  
as Collateral Agent

By: /s/ Jose Alcantara  
Name: Jose Alcantara  
Title: Vice President

DEUTSCHE BANK AG NEW YORK BRANCH,  
as a Lender

By: /s/ Ming K. Chu  
Name: Ming K. Chu  
Title: Director

DEUTSCHE BANK AG NEW YORK BRANCH,  
as a Lender

By: /s/ John S. McGill  
Name: John S. McGill  
Title: Director

THE BANK OF NEW YORK MELLON,  
as a Lender

By: /s/ Michael Pensari  
Name: Michael Pensari  
Title: Managing Director

LLOYDS BANK PLC,  
as a Lender

By: /s/ Daven Popat

Name: Daven Popat – P003

Title: Senior Vice President

By: /s/ Erin Walsh

Name: Erin Walsh – W004

Title: Assistant Vice President

U.S. BANK NATIONAL ASSOCIATION,  
as a Lender

By: /s/ Tenzin Subhar  
Name: Tenzin Subhar  
Title: Vice President

HSBC BANK USA, NATIONAL ASSOCIATION,  
as a Lender

By: /s/ Richard Herder

Name: Richard Herder

Title: Managing Director, Head of North America Insurance Coverage

ANNEX A

PRICING GRID

<b>Debt Rating</b>	<b>Commitment Fee Rate (bps)</b>	<b>Eurodollar Loan Applicable Margin (bps)</b>	<b>ABR Loan Applicable Margin (bps)</b>
≥A/A2	10.0	112.5	12.5
=A-/A3	12.5	125.0	25.0
=BBB+/Baa1	17.5	137.5	37.5
=BBB/Baa2	22.5	150.0	50.0
Any less favorable rating or no rating	27.5	175.0	75.0

For purposes of the Pricing Grid, “Debt Rating” means, as of any date of determination, the long term unsecured senior, non-credit enhanced debt rating of the Company as determined by S&P or Moody’s, as the case may be, provided that if a Debt Rating is issued by each of S&P and Moody’s, then the higher of such Debt Ratings shall apply, unless there is a split in Debt Ratings of more than one level, in which case the level that is one level lower than the higher Debt Rating shall apply. The Debt Ratings shall be determined from the most recent public announcement of any changes in the Debt Ratings.

For the purposes of the Pricing Grid, changes in the Applicable Margin resulting from changes in the Debt Rating shall become effective on the date that is three Business Days after the date on which new ratings are issued by S&P or Moody’s and shall remain in effect until the next change to be effected pursuant to this paragraph.

Schedule 1.1

COMMITMENTS

<b><u>Lender</u></b>	<b><u>Commitment</u></b>
Barclays Bank PLC	\$37,500,000
Citibank, N.A.	\$37,500,000
Deutsche Bank AG New York Branch	\$27,000,000

The Bank of New York Mellon	\$27,000,000
Lloyds Bank plc	\$27,000,000
U.S. Bank National Association	\$22,000,000
HSBC Bank USA, National Association	\$22,000,000
<b><u>Total</u></b>	\$200,000,000

Schedule 4.13

SUBSIDIARIES

<u>Name</u>	<u>Jurisdiction of Incorporation</u>	<u>Percentage of Capital Stock Owned by any Borrower</u>
Acorn Limited	Bermuda	100% owned by Aspen Insurance Holdings Limited
Blue Waters Insurers, Corp.	Puerto Rico	100% owned by Acorn Limited
Aspen Bermuda Limited*	Bermuda	100% owned by Aspen Insurance Holdings Limited
Aspen Capital Management, Ltd	Bermuda	100% owned by Aspen Insurance Holdings Limited
Peregrine Reinsurance Ltd	Bermuda	100% owned by Aspen Capital Management, Ltd
Aspen Cat Fund Limited	Bermuda	100% owned by Aspen Capital Management Limited
Aspen (UK) Holdings Limited*	England and Wales	100% owned by Aspen Insurance Holdings Limited
Aspen (US) Holdings Limited	England and Wales	100% owned by Aspen Insurance Holdings Limited
Aspen Capital Advisors Inc.	U.S. – Delaware	100% owned by Aspen (US) Holdings Limited
Aspen Managing Agency Limited	England and Wales	100% owned by Aspen Insurance Holdings Limited
Aspen Singapore Pte. Ltd.	Singapore	100% owned by Aspen Managing Agency Limited
Aspen Underwriting Limited*	England and Wales	100% owned by Aspen Insurance Holdings Limited
Aspen European Holdings Limited	England and Wales	100% owned by Aspen Insurance Holdings Limited
Aspen Insurance UK Limited*	England and Wales	100% owned by Aspen European Holdings Limited
Silverton Re Limited	Bermuda	100% owned by Aspen Insurance Holdings Limited
Aspen Insurance UK Services Limited	England and Wales	100% owned by Aspen (UK) Holdings Limited
AIUK Trustees Limited	England and Wales	100% owned by Aspen Insurance UK Services



		Limited
APJ Continuation Limited	England and Wales	100% owned by Aspen (UK) Holdings Limited
Aspen UK Syndicate Services Limited	England and Wales	100% owned by APJ Continuation Limited
APJ Asset Protection Jersey Limited	Jersey	100% owned by APJ Continuation Limited
Aspen Risk Management Limited	England and Wales	80% owned by Aspen (UK) Holdings Limited 20% owned by employees of Aspen Risk Management Limited
Aspen Recoveries Limited	England and Wales	100% owned by Aspen (UK) Holdings Limited
Aspen U.S. Holdings, Inc.*	U.S. – Delaware	100% owned by Aspen (UK) Holdings Limited
Aspen Insurance U.S. Services Inc.	U.S. – Delaware	100% owned by Aspen U.S. Holdings, Inc.
Aspen Specialty Insurance Company*	U.S. – North Dakota	100% owned by Aspen American Insurance Company
Aspen Re America, Inc.	U.S. – Delaware	100% owned by Aspen U.S. Holdings, Inc.
Aspen Specialty Insurance Solutions, LLC	U.S. – California	100% owned by Aspen U.S. Holdings, Inc.
Aspen Specialty Insurance Management, Inc.	U.S. – Massachusetts	100% owned by Aspen U.S. Holdings, Inc.
Aspen American Insurance Company*	U.S. – Texas	100% owned by Aspen U.S. Holdings, Inc.
AG Logic Holdings, LLC	U.S. – Texas	100% owned by Aspen U.S. Holdings, Inc.
AgriLogic Insurance Services, LLC	U.S. – Texas	100% owned by AG Logic Holdings, LLC
AgriLogic Consulting, LLC	U.S. – Texas	100% owned by AG Logic Holdings, LLC
AG Logic Acquisition, LLC	U.S. – North Carolina	100% owned by AG Logic Holdings, LLC
Golden State Crop and Insurance Services, Inc.	U.S. – California	100% AG Logic Acquisition, LLC
Crop Insurance Services, Inc.	U.S. – Oregon	100% AG Logic Acquisition, LLC

\* Subsidiary Borrower

Schedule 7.2(b)(iv)

EXISTING INDEBTEDNESS

None.

Schedule 7.5

INVESTMENTS

None.

Schedule 7.6

EXISTING LIENS

None.

EXHIBIT A

FORM OF COMPLIANCE CERTIFICATE

This Compliance Certificate is delivered pursuant to Section 6.2(a) of the Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein) (together with the Company, collectively, the "Borrowers" and individually, a "Borrower"), the Lenders parties thereto, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A. as Syndication Agent, and Barclays Bank PLC, as Administrative Agent. Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

The undersigned hereby certifies to the Administrative Agent and the Lenders as follows:

1. I am the duly elected, qualified and acting [\_\_\_\_\_]<sup>1</sup> of the Company.
2. I have reviewed and am familiar with the contents of this Certificate.
3. I have reviewed the terms of the Credit Agreement and the Loan Documents and have made, or caused to be made under my supervision, a review in reasonable detail of the transactions and condition of the Company during the accounting period covered by the financial statements attached hereto as Attachment 1 (the "Financial Statements").
4. Attached hereto as Attachment 2 are the computations showing compliance with the covenants set forth in Sections 7.1 and 7.9 of the Credit Agreement.
5. To the best of my knowledge, during the accounting period covered by the Financial Statements attached hereto, each Borrower has observed or performed all of its covenants and other agreements, and satisfied every condition contained in the Credit Agreement and the other Loan Documents to which it is a party to be observed, performed or satisfied by it[, except as set forth below].
6. I have no knowledge of the existence, as of the date of this Certificate, of any condition or event which constitutes a Default or Event of Default[, except as set forth below].

<sup>1</sup>Insert title of Responsible Officer of the Company signing the certificate.

IN WITNESS WHEREOF, the undersigned has executed this Compliance Certificate as of the date set forth below.

By: \_\_\_\_\_

Name:

Title:

Date: \_\_\_\_\_, 20\_\_

Attachment 1  
to Exhibit A

[Attach Financial Statements]

Attachment 2  
to Exhibit A

The information described herein is as of \_\_\_\_\_, 20\_\_,  
and pertains to the period from \_\_\_\_\_, 20\_\_ to \_\_\_\_\_, 20\_\_.

[Set forth Covenant Calculations]

EXHIBIT B-1

#### FORM OF CLOSING CERTIFICATE

This Closing Certificate is delivered pursuant to Section 5.1(c)(i) of the Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (the "Credit Agreement"), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein), Barclays Bank PLC, as Administrative Agent, various other agents and various lenders. Unless otherwise defined herein, terms defined in the Credit Agreement shall have the meanings given to them in the Credit Agreement.

The undersigned [insert title]<sup>1</sup> of the Company hereby certifies to the Administrative Agent and the Lenders as follows:

1. The representations and warranties of the Company set forth in each of the Loan Documents to which it is a party or which are contained in any certificate furnished by or on behalf of the Company pursuant to any of the Loan Documents are true and correct in all material respects (or, in the case of any representation and warranty qualified by materiality, in all respects) on and as of the date hereof.
2. No Default or Event of Default has occurred and is continuing as of the date hereof or after giving effect to the Loans or other extensions of credit to be made on the date hereof and the use of proceeds thereof.
3. The conditions precedent set forth in Section 5.1(g) of the Credit Agreement were satisfied as of the Closing Date.
4. There are no liquidation or dissolution proceedings pending or to my knowledge threatened against the Company as of the date hereof, nor has any other event occurred adversely affecting or threatening the continued existence of the Company.

*[Signature follows]*

<sup>1</sup>To be signed by a Responsible Officer.

IN WITNESS WHEREOF, the undersigned has executed this Closing Certificate as of the date first written above.

By: \_\_\_\_\_  
Name:  
Title:

EXHIBIT B-2

#### FORM OF CLOSING CERTIFICATE

This Closing Certificate is delivered pursuant to Section 5.1(c)(i) of the Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (the "Credit Agreement"), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company, the Subsidiary Borrowers (as defined therein), Barclays Bank PLC, as Administrative Agent, various other agents and various lenders. Unless otherwise defined herein, terms defined in the Credit Agreement shall have the meanings given to them in the Credit Agreement.

The undersigned Corporate Secretary of [Borrower] (the "Company") certifies as follows:

1. Attached hereto as Annex 1 is a true, correct and complete copy of certain resolutions duly adopted by the Board of Directors of the Company on \_\_\_\_\_, 2017 authorizing the execution, delivery and performance of the Loan Documents to which the Company is a party and the transactions contemplated thereby; such resolutions have not in any way been amended, modified, revoked or rescinded, have been in full force and effect since their adoption to and including the date hereof and are now in full force and effect and are the only corporate proceedings of the

Company now in force relating to or affecting the matters referred to therein.

2. Attached hereto as Annex 2 is a true, correct and complete copy of the [Memorandum of Association] [Articles of Incorporation] of the Company as in effect on the date hereof.

3. Attached hereto as Annex 3 is a true and complete copy of the By-Laws of the Company as in effect on the date hereof.

4. The persons whose names, titles and signatures appear on the Incumbency Schedule attached hereto as Annex 4 are authorized representatives of the Company, holding the positions indicated next to their respective names, and the signatures appearing opposite their respective names are the true and genuine signatures of such persons, and each such person is duly authorized to execute and deliver on behalf of the Company each Loan Document to which the Company is a party and any certificate or other document to be delivered by the Company pursuant thereto.

IN WITNESS WHEREOF, the undersigned has executed the Closing Certificate as of the date first written above.

Name:

Corporate Secretary

Title:

I, \_\_\_\_\_, the duly elected \_\_\_\_\_ of the Company, hereby certify as of the date first written above that \_\_\_\_\_ is the duly elected Corporate Secretary of the Company and, as such, is authorized to execute this Certificate on behalf of the Company and that the signature appearing above is such person's true and genuine signature.

\_\_\_\_\_

Name:

Title:

ANNEX 1

Resolutions

ANNEX 2

[Memorandum of Association] [Articles of Incorporation]

By-Laws

Incumbency Schedule

Name	Office	Signature
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

FORM OF ASSIGNMENT AND ASSUMPTION

Reference is made to the Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein) (together with the Company, collectively, the "Borrowers" and individually, a "Borrower"), the Lenders parties thereto, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A., as Syndication Agent, and Barclays Bank PLC, as Administrative Agent. Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

The Assignor identified on Schedule 1 hereto (the "Assignor") and the Assignee identified on Schedule 1 hereto (the "Assignee") agree as follows:

1. The Assignor hereby irrevocably sells and assigns to the Assignee without recourse to the Assignor, and the Assignee hereby irrevocably purchases and assumes from the Assignor without recourse to the Assignor, as of the Effective Date (as defined below), the interest described in Schedule 1 hereto (the "Assigned Interest") in and to the Assignor's rights and obligations under the Credit Agreement.

2. The Assignor (a) makes no representation or warranty and assumes no responsibility with respect to any statements, warranties or representations made in or in connection with the Credit Agreement or with respect to the execution, legality, validity, enforceability, genuineness, sufficiency or value of the Credit Agreement, any other Loan Document or any other instrument or document furnished pursuant thereto, other than that the Assignor has not created any adverse claim upon the interest being assigned by it hereunder and that such interest is free and clear of any such adverse claim; (b) makes no representation or warranty and assumes no responsibility with respect to the financial condition of the Company, any of its Subsidiaries or any other obligor or the performance or observance by the Company, any of its Subsidiaries or any other obligor of any of their respective obligations under the Credit Agreement or any other Loan Document or any other instrument or document furnished pursuant hereto or thereto; and (c) attaches any Notes held by it evidencing the Assigned Interest and (i) requests that the Administrative Agent, upon request by the Assignee, exchange the attached Notes for a new Note or Notes payable to the Assignee and (ii) if the Assignor has retained any interest in the Credit Agreement, requests that the Administrative Agent exchange the attached Notes for a new Note or Notes payable to the Assignor, in each case in amounts which reflect the assignment being made hereby (and after giving effect to any other assignments which have become effective on the Effective Date).

3. The Assignee (a) represents and warrants that it is legally authorized to enter into this Assignment and Assumption; (b) confirms that it has received a copy of the Credit Agreement, together with copies of the financial statements delivered pursuant to Section 6.1 thereof and such other documents and information as it has deemed appropriate to make its own credit analysis and decision to enter into this Assignment and Assumption; (c) agrees that it will, independently and without reliance upon the Assignor, the Administrative Agent or any other Lender and based on such documents and information as it shall deem appropriate at the time, continue to make its own credit decisions in taking or not taking action under the Credit Agreement, the other Loan Documents or any other instrument or document furnished pursuant hereto or thereto; (d) appoints and authorizes the Administrative Agent to take such action as agent on its behalf and to exercise such powers and discretion under the Credit Agreement, the other Loan Documents or any other instrument or document furnished pursuant hereto or thereto as are delegated to the Administrative Agent by the terms thereof, together with such powers as are incidental thereto; and (e) agrees that it will be bound by the provisions of the Credit Agreement and will perform in accordance with its terms all the obligations which by the terms of the Credit Agreement are required to be performed by it as a Lender including its obligation pursuant to Section 2.13 (e) of the Credit Agreement.

4. The effective date of this Assignment and Assumption shall be the Effective Date of Assignment described in Schedule 1 hereto (the "Effective Date"). Following the execution of this Assignment and Assumption, it will be delivered to the Administrative Agent for acceptance by it and recording by the Administrative Agent pursuant to the Credit Agreement, effective as of the Effective Date (which shall not, unless otherwise agreed to by the Administrative Agent, be earlier than five Business Days after the date of such acceptance and recording by the Administrative Agent).

5. Upon such acceptance and recording, from and after the Effective Date, the Administrative Agent shall make all payments in respect of the Assigned Interest (including payments of principal, interest, fees and other amounts) [to the Assignor for amounts which have accrued prior to the Effective Date and to the Assignee for amounts which accrue subsequent to the Effective Date] [to the Assignee whether such amounts have accrued prior to the Effective Date or accrue subsequent to the Effective Date. The Assignor and the Assignee shall make all appropriate adjustments in payments by the Agent for periods prior to the Effective Date or with respect to the making of this assignment directly between themselves.]

6. From and after the Effective Date, (a) the Assignee shall be a party to the Credit Agreement and, to the extent provided in this Assignment and Assumption, have the rights and obligations of a Lender thereunder and under the other Loan Documents and shall be bound by the provisions thereof and (b) the Assignor shall, to the extent provided in this Assignment and Assumption, relinquish its rights and be released from its obligations under the Credit Agreement.

7. This Assignment and Assumption shall be governed by and construed in accordance with the laws of the State of New York.

IN WITNESS WHEREOF, the parties hereto have caused this Assignment and Assumption to be executed as of the date first above written by their respective duly authorized officers on Schedule 1 hereto.

Schedule 1  
to Assignment and Assumption

Name of Assignor: \_\_\_\_\_

Name of Assignee: \_\_\_\_\_

Effective Date of Assignment: \_\_\_\_\_

Commitment Amount Assigned: \$ \_\_\_\_\_

Loans Assigned: \$ \_\_\_\_\_

L/C Obligations Assigned: \$ \_\_\_\_\_

[Name of Assignee]

[Name of Assignor]

By:

By:

Title:

Title:

Accepted:

Consented To:\*

BARCLAYS BANK PLC, as  
Administrative Agent

ASPEN HOLDINGS INSURANCE LIMITED

By:  
Title:  
*Executed in New York*

By:  
Title:  
BARCLAYS BANK PLC, as  
Administrative Agent

By:  
Title:  
*Executed in New York*

[NAME OF ISSUING LENDER], as  
Issuing Lender

By:  
Title:

\* Please refer to Section 11.6(b) of the Credit Agreement to determine if Borrower's, Administrative Agent's and/or the Issuing Lenders' consent is required.

EXHIBIT D-1

FORM OF LEGAL OPINION OF MAYER BROWN LLP

[Intentionally Omitted]

EXHIBIT D-2

FORM OF LEGAL OPINION OF APPLEBY (BERMUDA) LIMITED

[Intentionally Omitted]

EXHIBIT E-1

FORM OF EXEMPTION CERTIFICATE

(For Non-U.S. Lenders That Are Not Partnerships for U.S. Federal Income Tax Purposes)



Reference is made to the Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein) (together with the Company, collectively, the "Borrowers" and individually, a "Borrower"), the Lenders parties thereto, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A., as Syndication Agent, and Barclays Bank PLC, as Administrative Agent. Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

\_\_\_\_\_ (the "Non-U.S. Lender") is providing this certificate pursuant to Section 2.13(e) of the Credit Agreement. The Non-U.S. Lender hereby represents and warrants that:

1. The Non-U.S. Lender is the sole record and beneficial owner of the Loans or the obligations evidenced by Note(s) in respect of which it is providing this certificate.
2. The Non-U.S. Lender is not a "bank" for purposes of Section 881(c)(3)(A) of the Internal Revenue Code of 1986, as amended (the "Code"). In this regard, the Non-U.S. Lender further represents and warrants that:
  - (a) the Non-U.S. Lender is not subject to regulatory or other legal requirements as a bank in any jurisdiction; and
  - (b) the Non-U.S. Lender has not been treated as a bank for purposes of any tax, securities law or other filing or submission made to any Governmental Authority, any application made to a rating agency or qualification for any exemption from tax, securities law or other legal requirements;
3. The Non-U.S. Lender is not a 10-percent shareholder of the Borrower within the meaning of Section 871(h)(3)(B) of the Code;
4. The Non-U.S. Lender is not a controlled foreign corporation receiving interest from a related person within the meaning of Section 881(c)(3)(C) of the Code; and
5. The income from the Loans held by the Non-U.S. Lender is not effectively connected with the conduct of a trade or business within the United States.

The Non-U.S. Lender has furnished the Administrative Agent and the Borrower with a certificate of its non-U.S. person status on Internal Revenue Service Form W-8BEN or W-8BEN-E, as applicable. By executing this certificate, the Non-U.S. Lender agrees that (1) if the information provided on this certificate changes, the Non-U.S. Lender shall promptly so inform the Borrower and the Administrative Agent and (2) the Non-U.S. Lender shall have at all times furnished the Borrower and the Administrative Agent with a properly completed and currently effective certificate in either the calendar year in which each payment is to be made to the Non-U.S. Lender, or in either of the two calendar years preceding such payments.

IN WITNESS WHEREOF, the undersigned has executed this certificate as of the date set forth below.

[NAME OF NON-U.S. LENDER]

By: \_\_\_\_\_

Name:

Title:

Date: \_\_\_\_\_

EXHIBIT E-2

FORM OF EXEMPTION CERTIFICATE

(For Non-U.S. Lenders That Are Partnerships for U.S. Federal Income Tax Purposes)

Reference is made to the Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein) (together with the Company, collectively, the "Borrowers" and individually, a

“Borrower”), the Lenders parties thereto, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A., as Syndication Agent, and Barclays Bank PLC, as Administrative Agent. Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

\_\_\_\_\_ (the “Non-U.S. Lender”) is providing this certificate pursuant to Section 2.13(e) of the Credit Agreement. The Non-U.S. Lender hereby represents and warrants that:

1. The Non-U.S. Lender is the sole record owner of the Loans or the obligations evidenced by Note(s) in respect of which it is providing this certificate and its partners/members are the sole beneficial owners of such Loans or the obligations evidenced by Note(s).
2. Neither the Non-U.S. Lender nor any of its partners/members is a “bank” for purposes of Section 881(c)(3)(A) of the Internal Revenue Code of 1986, as amended (the “Code”). In this regard, the Non-U.S. Lender further represents and warrants that:
  - (a) neither the Non-U.S. Lender nor its partners/members is subject to regulatory or other legal requirements as a bank in any jurisdiction; and
  - (b) neither the Non-U.S. Lender nor its partners/members has been treated as a bank for purposes of any tax, securities law or other filing or submission made to any Governmental Authority, any application made to a rating agency or qualification for any exemption from tax, securities law or other legal requirements;
3. Neither the Non-U.S. Lender nor any of its partners/members is a 10-percent shareholder of the Borrower within the meaning of Section 871(h)(3)(B) of the Code;
4. Neither the Non-U.S. Lender nor any of its partners/members is a controlled foreign corporation receiving interest from a related person within the meaning of Section 881(c)(3)(C) of the Code; and
5. The income from the Loans held by the Non-U.S. Lender is not effectively connected with the conduct of a trade or business within the United States by the Non-U.S. Lender or its partners/members.

The Non-U.S. Lender has furnished the Administrative Agent and the Borrower with Internal Revenue Service Form W-8IMY accompanied by an Internal Revenue Service Form W-8BEN or W-8BEN-E, as applicable, from each of its partners/members claiming the portfolio interest exemption. By executing this certificate, the Non-U.S. Lender agrees that (1) if the information provided on this certificate changes, the Non-U.S. Lender shall promptly so inform the Borrower and the Administrative Agent and (2) the Non-U.S. Lender shall have at all times furnished the Borrower and the Administrative Agent with a properly completed and currently effective certificate in either the calendar year in which each payment is to be made to the Non-U.S. Lender, or in either of the two calendar years preceding such payments.

IN WITNESS WHEREOF, the undersigned has executed this certificate as of the date set forth below.

[NAME OF NON-U.S. LENDER]

By: \_\_\_\_\_

Name:

Title:

Date: \_\_\_\_\_

EXHIBIT F

FORM OF COMPANY NOTE

THIS NOTE AND THE OBLIGATIONS REPRESENTED HEREBY MAY NOT BE TRANSFERRED EXCEPT IN COMPLIANCE WITH THE TERMS AND PROVISIONS OF THE CREDIT AGREEMENT REFERRED TO BELOW. TRANSFERS OF THIS NOTE AND THE OBLIGATIONS REPRESENTED HEREBY MUST BE RECORDED IN THE REGISTER MAINTAINED BY THE ADMINISTRATIVE AGENT PURSUANT TO THE TERMS OF SUCH CREDIT AGREEMENT.

FOR VALUE RECEIVED, the undersigned, ASPEN INSURANCE HOLDINGS LIMITED, a Bermuda exempted limited liability company (the “Company”), hereby unconditionally promises to pay to the order of \_\_\_\_\_ (the “Lender”) or its registered assigns at the Funding Office specified in the Credit Agreement (as hereinafter defined) in lawful money of the United States and in immediately available funds, on the Termination Date as to the Loans evidenced hereby, the principal amount of (a) \_\_\_\_\_ DOLLARS (\$\_\_\_\_), or, if less, (b) the aggregate unpaid principal amount of all Loans made by the Lender to the Company pursuant to Section 2.1 of the Credit Agreement. The Company further agrees to pay interest in like money at such Funding Office on the unpaid principal amount hereof from time to time outstanding at the rates and on the dates specified in Section 2.8 of the Credit Agreement.

The holder of this Note is authorized to indorse on the schedules annexed hereto and made a part hereof or on a continuation thereof which shall be attached hereto and made a part hereof the date, Type, and amount of the Loan and the date and amount of each payment or prepayment of principal with respect thereto, each conversion of all or a portion thereof to another Type, each continuation of all or a portion thereof as the same Type and, in the case of Eurodollar Loans, the length of each Interest Period with respect thereto. The failure to make any such indorsement or any error in any such indorsement shall not affect the obligations of the Company in respect of the Loan.

This Note (a) is one of the Notes referred to in the Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (as amended, supplemented or otherwise modified from time to time, the “Credit Agreement”), among the Company, the Subsidiary Borrowers (as defined in the Credit Agreement), the Lenders parties thereto, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A., as Syndication Agent, and Barclays Bank PLC, as Administrative Agent, (b) is subject to the provisions of the Credit Agreement and (c) is subject to optional prepayment in whole or in part as provided in the Credit Agreement.

Upon the occurrence of any one or more Events of Default, all principal and all accrued interest then remaining unpaid on this Note may be declared to be or may otherwise become, immediately due and payable, all as provided in the Credit Agreement.

All parties now and hereafter liable with respect to this Note, whether maker, principal, surety, guarantor, indorser or otherwise, hereby waive presentment, demand, protest and all other notices of any kind.

Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

**NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN OR IN THE CREDIT AGREEMENT, THIS NOTE MAY NOT BE TRANSFERRED EXCEPT PURSUANT TO AND IN ACCORDANCE WITH THE REGISTRATION AND OTHER PROVISIONS OF SECTION 11.6 OF THE CREDIT AGREEMENT.**

**THIS NOTE SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.**

ASPEN INSURANCE HOLDINGS LIMITED

By: \_\_\_\_\_  
 Name:  
 Title:

Schedule A  
 to Company Note

LOANS, CONVERSIONS AND REPAYMENTS OF ABR LOANS

Date	Amount of ABR Loans	Amount Converted to ABR Loans	Amount of Principal of ABR Loans Repaid	Amount of ABR Loans Converted to Eurodollar Loans	Unpaid Principal Balance of ABR Loans	Notation Made By



FOR VALUE RECEIVED, the undersigned, [NAME OF SUBSIDIARY BORROWER], a \_\_\_\_\_ [corporation] [limited liability company] [limited partnership] [exempt limited liability corporation] (the "Borrower"), hereby unconditionally promises to pay to the order of \_\_\_\_\_ (the "Lender") or its registered assigns at the Funding Office specified in the Credit Agreement (as hereinafter defined) in lawful money of the United States and in immediately available funds, on the Termination Date as to the Loans evidenced hereby, the principal amount of (a) \_\_\_\_\_ DOLLARS (\$\_\_\_\_), or, if less, (b) the aggregate unpaid principal amount of all Loans made by the Lender to the Borrower pursuant to Section 2.1 of the Credit Agreement. The Borrower further agrees to pay interest in like money at such Funding Office on the unpaid principal amount hereof from time to time outstanding at the rates and on the dates specified in Section 2.8 of the Credit Agreement.

The holder of this Note is authorized to indorse on the schedules annexed hereto and made a part hereof or on a continuation thereof which shall be attached hereto and made a part hereof the date, Type, and amount of the Loan and the date and amount of each payment or prepayment of principal with respect thereto, each conversion of all or a portion thereof to another Type, each continuation of all or a portion thereof as the same Type and, in the case of Eurodollar Loans, the length of each Interest Period with respect thereto. The failure to make any such indorsement or any error in any such indorsement shall not affect the obligations of the Borrower in respect of the Loan.

This Note (a) is one of the Notes referred to in the Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among the Company, the Subsidiary Borrowers (as defined in the Credit Agreement), the Lenders parties thereto, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A., as Syndication Agent, and Barclays Bank PLC, as Administrative Agent, (b) is subject to the provisions of the Credit Agreement and (c) is subject to optional prepayment in whole or in part as provided in the Credit Agreement. This Note is guaranteed as provided in the Loan Documents. Reference is hereby made to the Loan Documents for the nature and extent of the guarantees, the terms and conditions upon which each guarantee was granted and the rights of the holder of this Note in respect thereof.

Upon the occurrence of any one or more Events of Default, all principal and all accrued interest then remaining unpaid on this Note may be declared to be or may otherwise become, immediately due and payable, all as provided in the Credit Agreement.

All parties now and hereafter liable with respect to this Note, whether maker, principal, surety, guarantor, indorser or otherwise, hereby waive presentment, demand, protest and all other notices of any kind.

Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

**NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN OR IN THE CREDIT AGREEMENT, THIS NOTE MAY NOT BE TRANSFERRED EXCEPT PURSUANT TO AND IN ACCORDANCE WITH THE REGISTRATION AND OTHER PROVISIONS OF SECTION 11.6 OF THE CREDIT AGREEMENT.**

**THIS NOTE SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.**

[NAME OF SUBSIDIARY BORROWER]

By: \_\_\_\_\_  
 Name:  
 Title:

Schedule A  
 to Subsidiary Borrower Note

LOANS, CONVERSIONS AND REPAYMENTS OF ABR LOANS

Date	Amount of ABR Loans	Amount Converted to ABR Loans	Amount of Principal of ABR Loans Repaid	Amount of ABR Loans Converted to Eurodollar Loans	Unpaid Principal Balance of ABR Loans	Notation Made By
------	---------------------	-------------------------------	---	---	---------------------------------------	------------------



Ladies and Gentlemen:

The undersigned, Aspen Insurance Holdings Limited, refers to the Credit Agreement, the terms defined therein being used herein as therein defined, and hereby gives you notice irrevocably, pursuant to Section 2.6 of the Credit Agreement, of the [conversion] [continuation] of the Loans specified herein, that:

1. The conversion/continuation date is , 20\_\_ (the "Conversion/Continuation Date").
2. The aggregate amount of the Loans to be [converted] [continued] is \$\_\_\_\_\_.
3. The Loans are to be [converted into] [continued as] [Eurodollar] [**ABR**] Loans.
4. [If applicable:] The duration of the Interest Period for the Loans included in the [conversion] [continuation] shall be [\_\_ days] [\_\_ months].

[The undersigned hereby certifies that the following statement is true on the date hereof, and will be true on the proposed Conversion/Continuation Date: no Default or Event of Default has occurred and is continuing.']

ASPEN INSURANCE HOLDINGS LIMITED

By: \_\_\_\_\_

Name:

Title:

'To be included for conversions of ABR Loans into Eurodollar Loans.

EXHIBIT I

#### FORM OF SUBSIDIARY BORROWER AGREEMENT

SUBSIDIARY BORROWER AGREEMENT, dated as of \_\_\_\_\_, \_\_ 20\_\_, made by \_\_\_\_\_, a \_\_\_\_\_ [corporation] [limited liability company] [limited partnership] [exempt limited liability corporation] (the "Additional Subsidiary Borrower"), in favor of Barclays Bank PLC, as administrative agent (in such capacity, the "Administrative Agent") for the Lenders (the "Lenders") parties to the Second Amended and Restated Credit Agreement referred to below. Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

#### W I T N E S S E T H :

WHEREAS, Aspen Insurance Holdings Limited (the "Company"), the Subsidiary Borrowers, the Lenders, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A., as Syndication Agent, and Barclays Bank PLC, as Administrative Agent, have entered into a Second Amended and Restated Credit Agreement, dated as of March 27, 2017 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement");

WHEREAS, the Credit Agreement permits the Additional Subsidiary Borrower to become a Subsidiary Borrower pursuant to the terms and conditions of the Credit Agreement; and

WHEREAS, the Additional Subsidiary Borrower has agreed to execute and deliver this Subsidiary Borrower Agreement in order to become a Subsidiary Borrower under the Credit Agreement;

NOW, THEREFORE, IT IS AGREED:

SECTION 13 Credit Agreement. Subject to the satisfaction of each of the conditions set forth in subsection 5.3 of the Credit Agreement, by executing and delivering this Subsidiary Borrower Agreement, the Additional Subsidiary Borrower hereby becomes a Subsidiary Borrower under the Credit Agreement with the same force and effect as if originally named therein as a Subsidiary Borrower and, without limiting the generality of the foregoing, hereby expressly assumes all obligations and liabilities of a Subsidiary Borrower thereunder.

SECTION 14 Representations and Warranties. The Company hereby represents and warrants that each of the representations and warranties contained in Section 4 of the Credit Agreement is true and correct on and as of the date hereof (after giving effect to this Subsidiary Borrower Agreement) as if made on and as of such date (except where such representation and warranty speaks of a specific date in which case such representation and warranty shall be true and correct as of such date).

SECTION 15 Governing Law. **THIS SUBSIDIARY BORROWER AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.**

IN WITNESS WHEREOF, the undersigned have caused this Subsidiary Borrower Agreement to be duly executed and delivered as of the date first above written.

[ADDITIONAL SUBSIDIARY BORROWER]

By: \_\_\_\_\_

Name:

Title:

ASPEN INSURANCE HOLDINGS LIMITED

By: \_\_\_\_\_

Name:

Title:

EXHIBIT J

FORM OF

COMMITMENT INCREASE SUPPLEMENT

COMMITMENT INCREASE SUPPLEMENT, dated \_\_\_\_\_ (this "Supplement"), to the Second Amended and Restated Credit Agreement dated as of March 27, 2017 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein) (together with the Company, collectively, the "Borrowers" and individually, a "Borrower"), the Lenders parties thereto, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A., as Syndication Agent, and Barclays Bank PLC, as Administrative Agent. Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

WITNESSETH:

WHEREAS, pursuant to Section 2.1(b) of the Credit Agreement, the Borrowers have the right, subject to the terms and conditions thereof, to effectuate from time to time an increase in the aggregate Commitments under the Credit Agreement by requesting one or more Lenders to increase the amount of its Commitment;

WHEREAS, the Borrowers have given notice to the Administrative Agent and the Issuing Lenders of their intention to increase the Total Commitments pursuant to Sections 2.1(b) and (c) of the Credit Agreement; and

WHEREAS, pursuant to Sections 2.1(b) and (c) of the Credit Agreement, the undersigned Lender now desires to increase the amount of its Commitment under the Credit Agreement by executing and delivering to the Borrowers, the Administrative Agent and the Issuing Lenders a supplement to the Credit Agreement in substantially the form of this Supplement;



NOW THEREFORE, each of the parties hereto hereby agrees as follows:

1. The undersigned Lender agrees, subject to the terms and conditions of the Credit Agreement, that on the date of this Supplement it shall have its Commitment increased by \$\_\_\_\_\_, thereby making the aggregate amount of its Commitment equal to \$\_\_\_\_\_.
2. This Supplement shall be governed by, and construed in accordance with, the laws of the State of New York.
3. This Supplement may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same document.

IN WITNESS WHEREOF, each of the undersigned has caused this Supplement to be executed and delivered by a duly authorized officer on the date first above written.

[INSERT NAME OF INCREASING LENDER]

By: \_\_\_\_\_  
Name:  
Title:

Accepted and agreed to, for the Borrowers, as of the date first written above:

ASPEN INSURANCE HOLDINGS LIMITED

By: \_\_\_\_\_  
Name:  
Title:

Acknowledged and agreed to as of the date first written above:

BARCLAYS BANK PLC, as  
Administrative Agent

By: \_\_\_\_\_  
Name:  
Title:  
*Executed in New York*

Acknowledged and agreed to as of the date first written above:

[INSERT NAMES OF ISSUING LENDERS]

By: \_\_\_\_\_  
Name:  
Title:

EXHIBIT K

NEW LENDER SUPPLEMENT, dated as of \_\_\_\_\_, \_\_\_\_ (this "Supplement"), to the Second Amended and Restated Credit Agreement, dated as of March 27, 2017, as amended, supplemented or otherwise modified from time to time (the "Credit Agreement"), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein) (together with the Company, collectively, the "Borrowers" and individually, a "Borrower"), the Lenders parties thereto, The Bank of New York Mellon, as Collateral Agent, Citibank, N.A., as Syndication Agent, and Barclays Bank PLC, as Administrative Agent. Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement.

W I T N E S S E T H:

WHEREAS, the Credit Agreement provides in Section 2.1(b) thereof that with the consent of the Administrative Agent and the Issuing Lenders (which consents shall not be unreasonably withheld or delayed), the Borrowers and any New Lender may agree that such New Lender shall establish a new Commitment and become a party to the Credit Agreement by executing and delivering to the Borrowers, the Administrative Agent and the Issuing Lenders a supplement to the Credit Agreement in substantially the form attached as Exhibit K thereto; and

WHEREAS, the undersigned desires to establish a new Commitment in the amount set forth herein and become a party to the Credit Agreement upon the terms and conditions set forth therein and herein;

NOW, THEREFORE, each of the parties hereto hereby agrees as follows:

1. From and after the Effective Date (as defined in paragraph 3 below) the undersigned shall be a party to and be bound by the provisions of the Credit Agreement as a Lender thereunder with an incremental Commitment of \$\_\_\_\_\_, and shall perform in accordance with its terms all the obligations which by the terms of the Credit Agreement are required to be performed by it as a Lender (including, without limitation, its obligations pursuant to Section 2.13(e) of the Credit Agreement) to the same extent as if originally a party thereto.

2. The undersigned (a) represents and warrants that it is legally authorized to enter into this Supplement; (b) confirms that it has received a copy of the Credit Agreement, together with copies of the most recent financial statements referred to in Section 6.1 thereof and such other documents and information as it has deemed appropriate to make its own credit analysis and decision to enter into this Supplement; (c) agrees that it has made and will, independently and without reliance upon the Administrative Agent or any other Lender and based on such documents and information as it shall deem appropriate at the time, continue to make its own credit decisions in taking or not taking action under the Credit Agreement or any instrument or document furnished pursuant hereto or thereto; and (d) appoints and authorizes the Administrative Agent to take such action as agent on its behalf and to exercise such powers and discretion under the Credit Agreement or any instrument or document furnished pursuant hereto or thereto as are delegated to the Administrative Agent by the terms thereof, together with such powers as are incidental thereto.

3. This Supplement shall be effective as of \_\_\_\_\_, \_\_\_\_ (the "Effective Date").

4. The undersigned has delivered to the Administrative Agent an administrative questionnaire.

5. This Supplement shall be governed by and construed in accordance with the laws of the State of New York.

6. This Supplement may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same document.

*[Remainder of page left blank intentionally.]*

IN WITNESS WHEREOF, the undersigned has caused this Supplement to be executed and delivered by a duly authorized officer on the date first above written.

[INSERT NAME OF NEW LENDER]

By: \_\_\_\_\_

Name:

Title:

Accepted and agreed to, for the Borrowers, as of the first date written above:

ASPEN INSURANCE HOLDINGS LIMITED

By: \_\_\_\_\_

Name:

Title:

Acknowledged and agreed to as of the first date written above:

BARCLAYS BANK PLC, as Administrative Agent

By: \_\_\_\_\_

Name:

Title:

*Executed in New York*

Acknowledged and agreed to as of the date first written above:

[INSERT NAMES OF ISSUING LENDERS]

By: \_\_\_\_\_

Name:

Title:

EXHIBIT L

[FORM OF] SEVERAL LETTER OF CREDIT

FOR INTERNAL IDENTIFICATION PURPOSES ONLY

(Does not affect terms of Letter of Credit or Bank's obligations thereunder)

Issue Date: \_\_\_\_\_, 20\_\_

Expiry Date: \_\_\_\_\_, 20\_\_

L/C No. [\_\_\_\_\_]

Amount: \$ \_\_\_\_\_ ( \_\_\_\_\_ )<sup>4</sup>

Account holder/Applicant: [ \_\_\_\_\_ ]<sup>5</sup>

[\_\_\_\_\_]

[\_\_\_\_\_]

Date: \_\_\_\_\_

IRREVOCABLE CLEAN ISSUE DATE \_\_\_\_\_

LETTER OF CREDIT NO. \_\_\_\_\_

To: [BENEFICIARY]<sup>6</sup>

[\_\_\_\_\_]

[\_\_\_\_\_]

[\_\_\_\_\_]

We, the issuing banks listed below (hereinafter referred to individually as a “Letter of Credit Bank,” and collectively, the “Letter of Credit Banks”), hereby establish this clean, irrevocable and unconditional Letter of Credit in your favor as Beneficiary for drawing up to an aggregate amount of \$\_\_\_\_\_ ( the “Letter of Credit Commitment”) effective immediately. This Letter of Credit shall expire with the close of business of the L/C Administrator (defined below) on \_\_\_\_\_. Except when the Letter of Credit Commitment is increased or amended to reflect a change in Commitment Share or Letter of Credit Bank as set forth in the last paragraph hereof, this Letter of Credit cannot be modified or revoked without the consent of the Beneficiary.

[The term “Beneficiary” includes any successor by operation of law of the named Beneficiary including, without limitation, any such liquidator, rehabilitator, receiver or conservator. Drawings by any liquidator, rehabilitator, receiver or conservator shall be for the benefit of all the Beneficiary's policyholders.]<sup>7</sup>

<sup>4</sup> Insert initial amount of the Letter of Credit

<sup>5</sup> Insert name of party for whom Letter of Credit will be issued.

<sup>6</sup> Insert full name and address of the Beneficiary.

<sup>7</sup> Insert if Letter of Credit is being issued to back a reinsurance policy and such language is required by the applicable insurance regulator. Additional changes to the letter of credit to reflect regulatory requirements will be inserted if necessary.

The maximum liability of each Letter of Credit Bank with respect to any demand for payment made hereunder shall be its Commitment Share of the amount of such demand for payment, as follows:

LETTER OF CREDIT BANK	COMMITMENT SHARE	MAXIMUM SHARE OF LETTER OF CREDIT COMMITMENT
[Lender]	_____ %	\$ _____
[Lender]	_____ %	\$ _____
[Lender]	_____ %	\$ _____

TOTAL            100%            \$ \_\_\_\_\_

The obligations of the Letter of Credit Banks hereunder are several and not joint, and no Letter of Credit Bank shall be responsible or otherwise liable for the failure of any other Letter of Credit Bank to perform its obligations hereunder, nor shall the failure of any Letter of Credit Bank to perform its obligations under this Letter of Credit relieve any other Letter of Credit Bank of its obligations hereunder.

Subject to the further provisions of this Letter of Credit, demands for payment may be made by the Beneficiary by presentation to Barclays Bank PLC, as agent (in such capacity, the “L/C Administrator”) of a sight draft drawn on the L/C Administrator indicating the Letter of Credit No. \_\_\_\_\_, for all or any part of this Letter of Credit at the L/C Administrator's office located at Barclays Bank PLC, New York Branch, 745 Seventh Avenue, New York, NY 10019, Attn: Letters of Credit Dept / Dawn Townsend, xraletterofcredit@barclays.com, on or before the expiration date hereof [or any automatically extended expiry date]<sup>8</sup>.

We the Letter of Credit Banks listed herein hereby undertake to promptly honor all of a Beneficiary’s demands for payment hereunder upon delivery of the sight draft as specified to the L/C Administrator’s aforesaid office.

Except as expressly stated herein, this undertaking is not subject to any agreement, requirement or qualification. The obligations of each Letter of Credit Bank under this Letter of Credit is the individual obligation of such Letter of Credit Bank and is in no way contingent upon reimbursement with respect thereto, or upon its ability to perfect any lien, security interest or any other reimbursement.

Upon payment to you by the Letter of Credit Bank of its Commitment Share of the drawing amount specified in a demand presented hereunder, a Letter of Credit Bank shall be fully discharged of its obligation under this Letter of Credit to the extent of its Commitment Share of such demand and such Letter of Credit Bank shall not thereafter be obligated to make any further payments under this Letter of Credit in respect of such demand.

[This Letter of Credit shall be deemed automatically extended without amendment for

<sup>8</sup>Delete if not inserting automatic extension provision.

one year from the expiration date hereof or any future expiration date unless at least [ ] days prior to such expiration date, the L/C Administrator notifies you by Registered Mail or overnight courier service that this Letter of Credit will not be extended for any such additional period.]<sup>9</sup>

[This Letter of Credit is subject to and governed by the Laws of the State of New York and the [1993] [2007] revision of the *Uniform Customs and Practice for Documentary Credits of the International Chamber of Commerce* (Publication [500][600]), and in the event of any conflict, the Laws of the State of New York will control. If this Letter of Credit expires during an interruption of business as described in [Article 17 of said Publication 500][Article 36 of said Publication 600], the bank hereby specifically agrees to effect payment if this Letter of Credit is drawn against within 30 days after the resumption of business.] [This Letter of Credit is subject to and governed by the law(s) of the State of New York, and the International Standby Practices 98 (ISP98) (International Chamber of Commerce Publication No. 590). In the event of any conflict, the laws of the State of New York will control.]<sup>10</sup>

This Letter of Credit may be amended to delete a Letter of Credit Bank or add a Letter of Credit Bank, or change Commitment Shares, provided that such amendment does not decrease the Letter of Credit Commitment, and need only be signed by the L/C Administrator (and, for the avoidance of doubt, without the consent of the Beneficiary) so long as any Letter of Credit Bank added shall be approved by the Securities Valuation Office of the National Association of Insurance Commissioners and shall have a rating of "A3" or better from Moody's and/or "A" or better from Standard and Poor's.

Very truly yours,

[BARCLAYS BANK PLC], as L/C Administrator

By: \_\_\_\_\_

Name:

Title:

*Executed in New York*

<sup>9</sup> Insert if auto-extension is applicable

<sup>10</sup> Insert UCP 500 or UCP 600 if required by an insurance regulator, otherwise ISP 98 should be used.

EXHIBIT M

FORM OF REVOLVING LOAN BORROWING REQUEST

Date: \_\_\_\_\_, \_\_\_\_\_

To: Barclays Bank PLC,  
as Administrative Agent  
745 Seventh Avenue, 25<sup>th</sup> Floor

New York, NY 10019  
Attention: Christopher M. Aitkin  
Telephone: 212.320.6564

Ladies and Gentlemen:

Reference is made to that certain Second Amended and Restated Credit Agreement dated as of March 27, 2017 (as may be amended, restated, amended and restated, extended, supplemented or otherwise modified in writing from time to time in accordance with its terms, the "Agreement"; the terms defined therein being used herein as therein defined), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein) (together with the Company, collectively, the "Borrowers" and individually, a "Borrower"), the Lenders parties thereto, Barclays Bank PLC, as Administrative Agent, and the other parties thereto.

The undersigned Borrower hereby requests a borrowing of Loans, as follows:

1. In the aggregate amount of \$\_\_\_\_\_.
2. On \_\_\_\_\_, 20\_\_ (a Business Day).
3. Comprised of [ABR] [Eurodollar] Loans.

[4. With an Interest Period of \_\_\_ months.]<sup>1</sup>

[4][5]. The Borrower's account to which funds are to be disbursed is:

Account Number: \_\_\_\_\_

Location: \_\_\_\_\_

This Borrowing Request and the borrowing requested herein comply with the (x) first three sentences of Section 2.2 and (y) Section 5.2 of the Agreement.

[NAME OF BORROWER]

By: \_\_\_\_\_

Name:

Title:

<sup>1</sup>Insert if a Eurodollar Rate Borrowing.

EXHIBIT N

FORM OF PREPAYMENT NOTICE

Date: \_\_\_\_\_, \_\_\_\_\_

To: Barclays Bank PLC,  
as Administrative Agent  
745 Seventh Avenue, 25<sup>th</sup> Floor  
New York, NY 10019  
Attention: Christopher M. Aitkin  
Telephone: 212.320.6564

Ladies and Gentlemen:

Reference is made to that certain Second Amended and Restated Credit Agreement dated as of March 27, 2017 (as may be amended, restated, amended and restated, extended, supplemented or otherwise modified in writing from time to time in accordance with its terms, the "Agreement"; the terms defined therein being used herein as therein defined), among Aspen Insurance Holdings Limited, a Bermuda exempted limited liability company (the "Company"), the Subsidiary Borrowers (as defined therein) (together with the Company, collectively, the "Borrowers" and individually, a "Borrower"), the Lenders parties thereto, Barclays Bank PLC, as Administrative Agent, and the other parties thereto.

This Prepayment Notice is delivered to you pursuant to Section 2.5 of the Agreement. The undersigned Borrower hereby gives notice of a prepayment of Loans as follows:

1. (select Type(s) of Loans)

ABR Loans in the aggregate principal amount of \$\_\_\_\_\_.

Eurodollar Loans with an Interest Period ending \_\_\_\_\_, 20\_\_ in the aggregate principal amount of \$\_\_\_\_\_.

2. On \_\_\_\_\_, 20\_\_ (a Business Day).

This Prepayment Notice complies with the first and fourth sentences of Section 2.5(a) of the Agreement.

[NAME OF BORROWER]

By: \_\_\_\_\_

Name:

Title:

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## Section 3: EX-31.1 (EXHIBIT 31.1)

**Exhibit 31.1**

### CERTIFICATIONS

I, Christopher O’Kane, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Aspen Insurance Holdings Limited;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant’s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant’s internal control over financial reporting that occurred during the registrant’s most recent fiscal quarter (the registrant’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant’s internal control over financial reporting.
5. The registrant’s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant’s auditors and the audit committee of registrant’s board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant’s ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant’s internal control over financial reporting.

By: /s/ Christopher O’Kane

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## Section 4: EX-31.2 (EXHIBIT 31.2)

**Exhibit 31.2**

### CERTIFICATIONS

I, Scott Kirk, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Aspen Insurance Holdings Limited;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant’s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant’s internal control over financial reporting that occurred during the registrant’s most recent fiscal quarter (the registrant’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant’s internal control over financial reporting.
5. The registrant’s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant’s auditors and the audit committee of registrant’s board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant’s ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant’s internal control over financial reporting.

Date: May 4, 2017

By: /s/ Scott Kirk  
 Name: Scott Kirk  
 Title: Chief Financial Officer

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## Section 5: EX-32.1 (EXHIBIT 32.1)

**Exhibit 32.1**

**CERTIFICATION PURSUANT TO  
 18 U.S.C. SECTION 1350,  
 AS ADOPTED PURSUANT TO  
 SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with this quarterly report on Form 10-Q of Aspen Insurance Holdings Limited (the “Company”) for the three months ended March 31, 2017 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), Christopher O’Kane as Chief Executive Officer and Scott Kirk as Chief Financial Officer of the Company, each hereby certifies, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and



(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: May 4, 2017

By: /s/ Christopher O'Kane

Name: Christopher O'Kane

Title: Chief Executive Officer

Date: May 4, 2017

By: /s/ Scott Kirk

Name: Scott Kirk

Title: Chief Financial Officer

This certification accompanies the Report pursuant to § 906 of the Sarbanes-Oxley Act of 2002 and shall not, except to the extent required by the Sarbanes-Oxley Act of 2002, be deemed filed by the Company for purposes of § 18 of the Securities Exchange Act of 1934, as amended.

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