ARCH CAPITAL GROUP LTD.
Form PRE 14A
March 10, 2011

Use these links to rapidly review the document
TABLE OF CONTENTS

Table of Contents

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

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of
the Securities Exchange Act of 1934 (Amendment No.)

Filed by the Registrant ý

Filed by a Party other than the Registrant o

Check the appropriate box:

ý Preliminary Proxy Statement

o **Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**

o Definitive Proxy Statement

o Definitive Additional Materials

o Soliciting Material under §240.14a-12

ARCH CAPITAL GROUP LTD.

(Name of Registrant as Specified In Its Charter)

Not Applicable

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

ý No fee required.

o Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

o Fee paid previously with preliminary materials.

o Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

Table of Contents

Wessex House
45 Reid Street
Hamilton HM 12,
Bermuda

441 278 9250 Telephone
441 278 9255 Fax

March , 2011

Dear Shareholder:

I am pleased to invite you to the annual general meeting of the shareholders of Arch Capital Group Ltd. to be held on May 6, 2011, at 9:00 a.m. (local time), at the Tucker's Point Hotel, 60 Tucker's Point Drive, Hamilton Parish HS02, Bermuda. The enclosed proxy statement provides you with detailed information regarding the business to be considered at the meeting.

We are pleased to take advantage of the Securities and Exchange Commission rule that allows companies to furnish their proxy materials over the internet. On or about March , 2011, we expect to mail a Notice of Internet Availability of Proxy Materials to our shareholders of record and beneficial owners as of March 11, 2011. This Notice will contain instructions on how to access our proxy statement and 2010 Annual Report to Shareholders and how to vote on the internet.

The Notice of Internet Availability of Proxy Materials will contain instructions to allow you to request copies of the proxy materials to be sent to you by mail. The proxy materials sent to you will include a proxy card that will provide you with instructions to cast your vote on the internet, a telephone number you may call to cast your vote, or you may complete, sign and return the proxy card by mail.

Your vote is very important. Whether or not you plan to attend the meeting, we urge you to submit your proxy over the internet or by toll-free telephone number, as described in the accompanying materials and the Notice of Internet Availability of Proxy Materials. As an alternative, if you received a paper copy of the proxy card by mail, you may sign, date and mail the proxy card in the envelope provided.

Sincerely,

Constantine Iordanou
Chairman of the Board, President and Chief Executive Officer

Table of Contents

ARCH CAPITAL GROUP LTD.

NOTICE OF ANNUAL GENERAL MEETING OF SHAREHOLDERS

Notice is hereby given that the annual general meeting of the shareholders of Arch Capital Group Ltd. (the "Company") will be held on May 6, 2011, at 9:00 a.m. (local time), at the Tucker's Point Hotel, 60 Tucker's Point Drive, Hamilton Parish HS02, Bermuda, for the following purposes:

PROPOSAL 1: To elect four Class I Directors to serve for a term of three years or until their respective successors are elected and qualified.

PROPOSAL 2: To elect certain individuals as Designated Company Directors of certain of our non-U.S. subsidiaries, as required by our bye-laws.

PROPOSAL 3: To approve an amendment to the Memorandum of Association to effect a three-for-one common share split.

PROPOSAL 4: To appoint PricewaterhouseCoopers LLP as our independent registered public accounting firm for the year ending December 31, 2011.

PROPOSAL 5: Advisory vote on executive compensation.

PROPOSAL 6: Advisory vote on the frequency of holding future advisory votes on executive compensation.

PROPOSAL 7: To conduct other business if properly raised.

Only shareholders of record as of the close of business on March 11, 2011 may vote at the meeting.

Our audited financial statements for the year ended December 31, 2010, as approved by our Board of Directors, will be presented at this annual general meeting.

Your vote is very important. Whether or not you plan to attend the annual general meeting, we encourage you to read this proxy statement and submit your proxy or voting instructions as soon as possible. For specific instructions on how to submit your proxy, please refer to the instructions on the Notice of Internet Availability of Proxy Materials you received in the mail, the section entitled "The Annual General Meeting" of this proxy statement or, if you requested to receive printed proxy materials, your enclosed proxy card.

This proxy statement and accompanying form of proxy are dated March , 2011 and, together with our 2010 Annual Report to Shareholders, are first being made available to shareholders on or about March , 2011.

Dawna Ferguson
Secretary

Hamilton, Bermuda
March , 2011

Table of Contents

TABLE OF CONTENTS

	Page
THE ANNUAL GENERAL MEETING	1
Internet Availability of Proxy Materials	1
Time and Place	1
Record Date; Voting at the Annual General Meeting	1
Limitation on Voting Under Our Bye-Laws	1
Quorum; Votes Required for Approval	2
Voting and Revocation of Proxies	2
Solicitation of Proxies	3
Other Matters	3
Principal Executive Offices	3
PROPOSAL 1 ELECTION OF DIRECTORS	4
Nominees	4
Required Vote	5
Recommendation of the Board of Directors	5
Continuing Directors and Senior Management	5
Board of Directors	9
Leadership Structure	9
Board Independence and Composition	10
Role in Risk Oversight	10
Code of Business Conduct, Committee Charters and Corporate Governance Guidelines	11
Meetings	11
Communications with the Board of Directors	11
Committees of the Board of Directors	11
Underwriting Oversight Committee	11
Audit Committee	11
Compensation Committee	12
Executive Committee	12
Finance & Investment Committee	12
Nominating Committee	12
Compensation Committee Interlocks and Insider Participation	13
Report of the Audit Committee of the Board of Directors	14
Compensation Discussion and Analysis	15
Introduction	15
Executive Summary	15
Compensation Objectives and Philosophy	17
Elements of Compensation Program	18
Relationship Between Compensation Policies and Risk Management	21
Employment Agreements	22
Clawback Policy	22
Matters Relating to Share Ownership and Share-Based Compensation	23
Tax Considerations	24
Committee Review	25
2010 Compensation Decisions	26
Report of the Compensation Committee on the Compensation Discussion and Analysis	28
Summary Compensation Table	29
Grants of Plan-Based Awards	31
Outstanding Equity Awards at 2010 Fiscal Year-End	32
Option Exercises and Stock Vested	33
Non-Qualified Deferred Compensation	33

Table of Contents

	Page
Employment Arrangements	35
Constantine Iordanou	35
John C.R. Hele	37
Marc Grandisson	38
Mark D. Lyons	39
W. Preston Hutchings	39
Share-Based Award Agreements	40
Termination Scenarios Potential Payments	41
Director Compensation	43
Employment Agreement of John D. Vollaro	44
Director Share Ownership Guidelines	45
Security Ownership of Certain Beneficial Owners and Management	46
Common Shares	46
Preferred Shares	49
Section 16(a) Beneficial Ownership Reporting Compliance	50
Certain Relationships and Related Transactions	50
PROPOSAL 2 ELECTION OF SUBSIDIARY DIRECTORS	51
Required Vote	57
Recommendation of the Board of Directors	57
PROPOSAL 3 APPROVAL OF AN AMENDMENT TO THE MEMORANDUM OF ASSOCIATION TO EFFECT A THREE-FOR-ONE COMMON SHARE SPLIT	58
The Proposal	58
Principal Effects of the Share Split	58
Tax Effects of the Share Split	59
Required Vote	59
Recommendation of the Board of Directors	59
PROPOSAL 4 APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM	60
Principal Auditor Fees and Services	60
Required Vote	61
Recommendation of the Board of Directors	61
PROPOSAL 5 ADVISORY VOTE ON EXECUTIVE COMPENSATION	62
Recommendation of the Board of Directors	62
PROPOSAL 6 ADVISORY VOTE ON FREQUENCY OF HOLDING FUTURE ADVISORY VOTES ON EXECUTIVE COMPENSATION	63
Recommendation of the Board of Directors	63
SHAREHOLDER PROPOSALS FOR THE 2012 ANNUAL GENERAL MEETING	64

Table of Contents

THE ANNUAL GENERAL MEETING

We are furnishing this proxy statement to holders of our common shares in connection with the solicitation of proxies by our Board of Directors at the annual general meeting, and at any adjournments and postponements of the meeting.

Internet Availability of Proxy Materials

Important Notice Regarding the Availability of Proxy Materials for the Annual General Meeting of Shareholders to be held on May 6, 2011: this proxy statement and 2010 Annual Report to Shareholders are available at: *www.proxyvote.com.*

We are furnishing proxy materials to our shareholders primarily via the internet. On or about March , 2011, we expect to mail to our shareholders a Notice of Internet Availability containing instructions on how to access our proxy materials, including our proxy statement and 2010 Annual Report to Shareholders. The Notice of Internet Availability also will instruct you on how to access and submit your proxy through the internet or by telephone.

Internet distribution of our proxy materials is intended to expedite receipt by shareholders, reduce the cost of the annual meeting, and conserve natural resources. However, if you would like to receive printed proxy materials, please follow the instructions on the Notice of Internet Availability.

Time and Place

The annual general meeting of Arch Capital Group Ltd. ("ACGL," "we," or the "Company") will be held at 9:00 a.m. (local time) on May 6, 2011 at the Tucker's Point Hotel, 60 Tucker's Point Drive, Hamilton Parish HS02, Bermuda.

Record Date; Voting at the Annual General Meeting

Our Board of Directors has fixed the close of business on March 11, 2011 as the record date for determination of the shareholders entitled to notice of and to vote at the annual general meeting and any and all postponements or adjournments of the meeting. On the record date, there were common shares outstanding and entitled to vote, subject to the limitations in our bye-laws described below. At that date, there were an estimated holders of record and approximately beneficial holders of the common shares. Each holder of record of shares on the record date is entitled to cast one vote per share, subject to the limitations described below. A shareholder may vote in person or by proxy submitted by mail, telephone or internet, on each proposal put forth at the annual general meeting. Only holders of the Company's common shares may vote at the annual general meeting. The Company's outstanding preferred shares have no voting rights (except in very limited circumstances which do not currently apply).

Limitation on Voting Under Our Bye-Laws

Under our bye-laws, if the votes conferred by shares of the Company, directly or indirectly or constructively owned (within the meaning of Section 958 of the Internal Revenue Code of 1986, as amended (the "Code")) by any U.S. person (as defined in Section 7701(a)(30) of the Code) would otherwise represent more than 9.9% of the voting power of all shares entitled to vote generally at an election of directors, the votes conferred by such shares or such U.S. person will be reduced, subject to certain exceptions, by whatever amount is necessary so that after any such reduction the votes conferred by the shares of such person will constitute 9.9% of the total voting power of all shares entitled to vote generally at an election of directors. There may be circumstances in which the votes conferred on a U.S. person are reduced to less than 9.9% as a result of the operation of our bye-laws because of shares that may be attributed to that person under the Code.

Notwithstanding the provisions of our bye-laws described above, after having applied such provisions as best as they consider reasonably practicable, the Board of Directors may make such final adjustments to the aggregate number of votes conferred by the shares of any U.S. person that they

Table of Contents

consider fair and reasonable in all the circumstances to ensure that such votes represent 9.9% of the aggregate voting power of the votes conferred by all shares of ACGL entitled to vote generally at an election of directors.

In order to implement our bye-laws, we will assume that all shareholders are U.S. persons unless we receive assurances satisfactory to us that they are not U.S. persons.

Quorum; Votes Required for Approval

The presence of two or more persons representing, in person or by proxy, including proxies properly submitted by mail, telephone or internet, not less than a majority of the voting power of our shares outstanding and entitled to vote at the annual general meeting is necessary to constitute a quorum. If a quorum is not present, the annual general meeting may be adjourned from time to time until a quorum is obtained. The affirmative vote of a majority of the voting power of the shares represented at the annual general meeting will be required for approval of each of the proposals, except that Proposal 1 will be determined by a plurality of the votes cast and Proposals 5 and 6 are advisory and do not have a required vote.

An automated system administered by our distribution and tabulation agent will tabulate votes cast by proxy at the annual general meeting, and our inspector will tabulate votes cast in person. Abstentions and broker non-votes (*i.e.*, shares held by a broker which are represented at the meeting but with respect to which such broker does not have discretionary authority to vote on a particular proposal) will be counted for purposes of determining whether or not a quorum exists. Abstentions will be considered in determining the number of votes necessary for Proposals 2, 3 and 4.

Several of our officers and directors will be present at the annual general meeting and available to respond to questions. Our independent auditors are expected to be present at the annual general meeting and will have an opportunity to make a statement if they desire to do so and are expected to be available to respond to appropriate questions.

Voting and Revocation of Proxies

All shareholders should follow the instructions on the Notice of Internet Availability to access and submit your proxy through the internet or by telephone or, if you received printed proxy materials, complete, sign, date and return the enclosed proxy card. All shares represented at the annual general meeting by proxies, including proxies properly submitted by mail, telephone or internet, received before or at the annual general meeting, unless those proxies have been revoked, will be voted at the annual general meeting, including any postponement or adjournment of the annual general meeting. **If no instructions are indicated on a properly executed proxy, the proxies will be deemed to be in accordance with the recommendation of the Board of Directors with respect to each of the proposals described in this proxy statement.**

Any proxy given pursuant to this solicitation may be revoked by the person giving it at any time before it is voted. Proxies may be revoked by either:

filing, including by facsimile, with the Secretary of the Company, before the vote at the annual general meeting is taken, a written notice of revocation bearing a later date than the date of the proxy or a later-dated proxy relating to the same shares, including proxies properly submitted by mail, telephone or internet; or

attending the annual general meeting and voting in person.

In order to vote in person at the annual general meeting, shareholders must attend the annual general meeting and cast their vote in accordance with the voting procedures established for the annual general meeting. Attendance at the annual general meeting will not in and of itself constitute a

Table of Contents

revocation of a proxy. Any written notice of revocation or subsequent proxy must be sent so as to be delivered at or before the taking of the vote at the annual general meeting to Arch Capital Group Ltd., Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda, facsimile: (441) 278-9255, Attention: Secretary.

Solicitation of Proxies

Proxies are being solicited by and on behalf of the Board of Directors. In addition to the use of the mails, proxies may be solicited by personal interview, telephone, telegram, facsimile and advertisement in periodicals and postings, in each case by our directors, officers and employees.

We have retained MacKenzie Partners, Inc. to aid in the solicitation of proxies and to verify records related to the solicitation. We will pay MacKenzie Partners, Inc. fees of not more than $7,000 plus expense reimbursement for its services. Brokerage houses, nominees, fiduciaries and other custodians will be requested to forward solicitation materials to beneficial owners and will be reimbursed for their reasonable expenses incurred in so doing. We may request by telephone, facsimile, mail, electronic mail or other means of communication the return of the proxy cards. Please contact MacKenzie Partners at 800-322-2885 with any questions you may have regarding our proposals.

Other Matters

Our audited financial statements for the year ended December 31, 2010, as approved by our Board of Directors, will be presented at this annual general meeting.

As of the date of this proxy statement, our Board of Directors knows of no matters that will be presented for consideration at the annual general meeting other than as described in this proxy statement. If any other matters shall properly come before the annual general meeting or any adjournments or postponements of the annual general meeting and shall be voted on, the enclosed proxies will be deemed to confer discretionary authority on the individuals named as proxies therein to vote the shares represented by such proxies as to any of those matters. The persons named as proxies intend to vote in accordance with the recommendation of our Board of Directors or otherwise in their judgment.

Principal Executive Offices

Our registered office is located at Clarendon House, 2 Church Street, Hamilton HM 11, Bermuda (telephone number: (441) 295-1422), and our principal executive offices are located at Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda (telephone number: (441) 278-9250).

Table of Contents

PROPOSAL 1 ELECTION OF DIRECTORS

The Board of Directors of ACGL is comprised of eleven members, divided into three classes, serving staggered three-year terms. The Board of Directors intends to present for action at the annual general meeting the election of Kewsong Lee, Brian S. Posner, John D. Vollaro and Robert F. Works whose present terms expire this year, to serve as Class I Directors for a term of three years or until their successors are duly elected and qualified. Such nominees were recommended for approval by the Board of Directors by the nominating committee of the Board of Directors.

Unless authority to vote for these nominees is withheld, the enclosed proxy will be voted for these nominees, except that the persons designated as proxies reserve discretion to cast their votes for other persons in the unanticipated event that any of these nominees is unable or declines to serve.

Nominees

Set forth below is information regarding the nominees for election:

Name	Age	Position
Kewsong Lee	45	Class I Director of ACGL
Brian S. Posner	49	Class I Director of ACGL
John D. Vollaro	66	Class I Director and Senior Advisor of ACGL
Robert F. Works	63	Class I Director of ACGL

Kewsong Lee has served as a director of ACGL since November 2001 and has been Lead Director since November 6, 2009. Mr. Lee has served as a member and managing director of Warburg Pincus LLC ("Warburg Pincus") and a general partner of Warburg Pincus & Co. since January 1997. He has been employed at Warburg Pincus since 1992. Prior to joining Warburg Pincus, Mr. Lee was a consultant at McKinsey & Company, Inc. from 1990 to 1992. His present service as a director includes membership on the boards of MBIA Inc., Neiman Marcus Group, Inc., ARAMARK Corporation and several privately held companies. He formerly served as a director of Knoll, Inc. and TransDigm Group Inc. He holds an A.B. degree from Harvard College and an M.B.A. degree from Harvard Business School. Mr. Lee's qualifications for service on our Board include his investment skills, extensive experience in evaluating and overseeing companies in a wide range of industries, including the insurance industry, and service on boards of directors of other companies.

Brian S. Posner has been a director of the Company since November 2010. Mr. Posner has been a private investor since March 2008 and is the President of Point Rider Group LLC, a consulting and advisory services firm within the financial services industry. From 2005 to March 2008, Mr. Posner served as the chief executive officer and co-chief investment officer of ClearBridge Advisors, LLC, an asset management company and a wholly owned subsidiary of Legg Mason. Prior to that, Mr. Posner co-founded Hygrove Partners LLC, a private investment fund, in 2000 and served as the managing member for five years. He served as a portfolio manager and an analyst at Fidelity Investments from 1987 to 1996 and, from 1997 to 1999, at Warburg Pincus Asset Management/Credit Suisse Asset Management where he also served as co-chief investment officer and director of research. Mr. Posner currently serves on the board of directors of Biogen Idec Inc. He holds a B.A. from Northwestern University and an M.B.A. from the University of Chicago Booth School of Business. Mr. Posner's qualifications for service on our Board include his strong financial background, investment skills and extensive experience as a leading institutional investment manager and advisor.

John D. Vollaro has been a senior advisor of ACGL since April 2009 and has served as a director of ACGL since November 2009. He was executive vice president and chief financial officer of ACGL from January 2002 to March 2009 and treasurer of ACGL from May 2002 to March 2009. Prior to joining us, Mr. Vollaro acted as an independent consultant in the insurance industry since March 2000. Prior to March 2000, Mr. Vollaro was president and chief operating officer of W.R. Berkley

Table of Contents

Corporation from January 1996 and a director from September 1995 until March 2000. Mr. Vollaro was chief executive officer of Signet Star Holdings, Inc., a joint venture between W.R. Berkley Corporation and General Re Corporation, from July 1993 to December 1995. Mr. Vollaro served as executive vice president of W.R. Berkley Corporation from 1991 until 1993, chief financial officer and treasurer of W.R. Berkley Corporation from 1983 to 1993 and senior vice president of W.R. Berkley Corporation from 1983 to 1991. Mr. Vollaro's qualifications for service on our Board include his financial background, extensive executive management and operating experience in the insurance industry and his in-depth knowledge of our operations.

Robert F. Works has been a director of ACGL since June 1999. Mr. Works was a managing director of Jones Lang LaSalle (previously LaSalle Partners) until he retired on December 31, 2001. He joined Jones Lang LaSalle in 1981, where he has served in various capacities, including manager of both the Property Management and Investment Management teams of the Eastern Region of the United States. Mr. Works was also manager for the Times Square Development Advisory and Chelsea Piers Lease Advisory on behalf of New York State and the president of GCT Ventures and the Revitalization of Grand Central Terminal for the Metropolitan Transportation Authority until he retired on December 31, 2001. He holds a B.A. degree from the College of William and Mary. Mr. Works' qualifications for service on our Board include his extensive senior management and operating background and real estate and property management experience.

Required Vote

A plurality of the votes cast at the annual general meeting will be required to elect the above nominees as Class I Directors of ACGL.

Recommendation of the Board of Directors

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE "FOR" THE ELECTION OF ALL NOMINEES TO THE BOARD OF DIRECTORS.

Continuing Directors and Senior Management

The following individuals are our continuing directors:

Name	Age	Position	Term Expires*
Wolfe "Bill" H. Bragin	66	Class III Director of ACGL	2013
John L. Bunce, Jr.	52	Class III Director of ACGL	2013
Eric W. Doppstadt	51	Class II Director of ACGL	2012
Constantine Iordanou	61	Chairman of the Board, President and Chief Executive Officer of ACGL and Class II Director of ACGL	2012
Yiorgos Lillikas	50	Class III Director of ACGL	2013
James J. Meenaghan	72	Class II Director of ACGL	2012
John M. Pasquesi	51	Class II Director of ACGL	2012

* Indicates expiration of term as a director of ACGL

Wolfe "Bill" H. Bragin has served as a director of ACGL since May 2002. He served as vice president of GE Asset Management from 1985 until his retirement in 2002. He also served as a managing director of GE Asset Management until 2002. Mr. Bragin had been employed by various affiliates of General Electric Company since 1974, including GE Capital (formerly known as GE Credit Corporation), specializing in equipment leasing and private investments, through 1984, and, thereafter, GE Asset Management's Private Placement Group, specializing in private equity investments.

Table of Contents

Mr. Bragin has previously served as a director of both privately-held and publicly-traded companies. He holds a B.S. degree from the University of Connecticut and an M.B.A. degree from Babson Institute of Business Administration. Mr. Bragin's qualifications for service on our Board include his extensive operating experience as a senior executive in a worldwide financial services organization, his investment skills and his prior service on boards of directors of other companies.

John L. Bunce, Jr. has served as a director of ACGL since November 2001. Mr. Bunce is a managing director and founder of Greyhawk Capital Management, LLC and a senior advisor to Hellman & Friedman LLC. He joined Hellman & Friedman in 1988 and previously served as a managing director of the firm. Before joining Hellman & Friedman, Mr. Bunce was vice president of TA Associates. Previously, he was employed in the mergers & acquisitions and corporate finance departments of Lehman Brothers Kuhn Loeb. He has served as a director of Duhamel Falcon Cable Mexico, Eller Media Company, Falcon Cable TV, National Radio Partners, VoiceStream Wireless Corporation, Western Wireless Corporation, National Information Consortium, Inc. and Young & Rubicam, Inc. Mr. Bunce also was an advisor to American Capital Corporation and Post Oak Bank. He holds an A.B. degree from Stanford University and an M.B.A. degree from Harvard Business School. Mr. Bunce's qualifications for service on our Board include his corporate finance background, investment skills, extensive experience in evaluating and overseeing companies in a wide range of industries and service on boards of directors of other companies.

Eric W. Doppstadt has been a director of the Company since November 2010. Mr. Doppstadt serves as vice president and chief investment officer of the Ford Foundation. Mr. Doppstadt has been with the Ford Foundation for over 20 years, most recently as director of private equity investments for the foundation's endowment. He joined the Ford Foundation in 1989 as resident counsel, later assuming senior positions managing the Ford's alternative investment portfolio. He has also served on the investment advisory boards of numerous private equity and venture capital funds, including Andreesen Horowitz, Clayton Dubilier & Rice, Flexpoint Partners, LLC, and NorthBridge Ventures. Mr. Doppstadt holds the Chartered Financial Analyst designation from the CFA Institute. He holds an A.B. degree from The University of Chicago and a J.D. from New York University School of Law. Mr. Doppstadt's qualifications for service on our Board include his extensive investment experience and investment management skills.

Constantine Iordanou has been chairman of the board of ACGL since November 6, 2009 and president and chief executive officer of ACGL since August 2003. He has been a director since January 1, 2002. From January 2002 to July 2003, Mr. Iordanou was chief executive officer of Arch Capital Group (U.S.) Inc. From March 1992 through December 2001, Mr. Iordanou served in various capacities for Zurich Financial Services and its affiliates, including as senior executive vice president of group operations and business development of Zurich Financial Services, president of Zurich-American Specialties Division, chief operating officer and chief executive officer of Zurich-American and chief executive officer of Zurich North America. Prior to joining Zurich, he served as president of the commercial casualty division of the Berkshire Hathaway Group and served as senior vice president with the American Home Insurance Company, a member of the American International Group. Since 2001, Mr. Iordanou has served as a director of Verisk Analytics, Inc. (formerly known as ISO Inc.). He holds an aerospace engineering degree from New York University. Mr. Iordanou's qualifications for service on our Board include his extensive leadership, executive management and operating experience in the insurance industry, his in-depth knowledge of our operations and service on boards of directors of other companies.

Yiorgos Lillikas has been a director of the Company since November 2010. Mr. Lillikas is the chief executive officer of BlueTree Consultants, a corporate consulting firm he founded in 2008. From 2006 to 2007, Mr. Lillikas served as the Minister of Foreign Affairs of the Republic of Cyprus (E.U.). From 2003 to 2006, he was the Minister of Commerce, Industry and Tourism of the Republic of Cyprus. From 1996 through 2003, Mr. Lillikas served as a member of the House of Representatives of the

Table of Contents

Republic of Cyprus and a member of the Parliamentary Committees for Economic and Budget, Commerce, Foreign and European Affairs and Environment. In 2000 he was elected Vice President of the Committee of Political Affairs of the Parliamentary Assembly of the OSCE. He was founder and chief executive officer of Marketway, a strategic, advertising and public relations firm. Prior thereto, he served the Republic of Cyprus in various roles, including special advisor to the president. He holds a diploma in political sciences from the Institute of Political Sciences in the University of Lyon II, a D.E.A. (a diploma of doctorate cycle) in political sciences from the Institute of Political Science in Grenoble. Mr. Lillikas' qualifications for service on our Board include his extensive experience in the fields of international and European affairs.

James J. Meenaghan has been a director of ACGL since October 2001. From October 1986 until his retirement in 1992, Mr. Meenaghan was chairman, president and chief executive officer of Home Insurance Companies. He also served as president and chief executive officer of John F. Sullivan Co. from 1983 to 1986. Prior thereto, Mr. Meenaghan held various positions over 20 years with the Fireman's Fund Insurance Company, including president and chief operating officer and vice chairman of its parent company, American Express Insurance Services Inc. He holds a B.S. degree from Fordham University. Mr. Meenaghan's qualifications for service on our Board include his broad management and operating experience in the insurance industry and service on boards of directors of other companies.

John M. Pasquesi has been vice chairman and a director of ACGL since November 2001. Mr. Pasquesi has been the managing member of Otter Capital LLC, a private equity investment firm he founded in January 2001. He holds an A.B. degree from Dartmouth College and an M.B.A. degree from Stanford Graduate School of Business. Mr. Pasquesi's qualifications for service on our Board include his investment skills, extensive experience in evaluating and overseeing companies in a wide range of industries, including the insurance industry, and service on boards of directors of other companies.

The following individuals are members of senior management, including our executive officers, who do not serve as directors of ACGL:

Name	Age	Position
John C.R. Hele	52	Executive Vice President, Chief Financial Officer and Treasurer of ACGL
Marc Grandisson	43	Chairman and Chief Executive Officer of Arch Worldwide Reinsurance Group
Mark D. Lyons	54	Chairman and Chief Executive Officer of Arch Worldwide Insurance Group
W. Preston Hutchings	54	President of Arch Investment Management Ltd. and Senior Vice President and Chief Investment Officer of ACGL
Timothy J. Olson	53	President and Chief Executive Officer of Arch Reinsurance Company
Nicolas Papadopoulo	48	President and Chief Executive Officer of Arch Reinsurance Ltd.
Louis T. Petrillo	45	President and General Counsel of Arch Capital Services Inc.
John F. Rathgeber	56	Vice Chairman of Arch Worldwide Reinsurance Group and Chairman of Arch Reinsurance Company

John C.R. Hele has been executive vice president, chief financial officer and treasurer of ACGL since April 2009. Prior to joining us, from April 1, 2007 to March 2009, he was the chief financial officer and a member of the Executive Board of ING Group. Prior thereto, from February 2006 to April 2007, Mr. Hele was deputy chief financial officer of ING Group and, from October 2003 to

Table of Contents

January 2006, he was the general manager and chief insurance risk officer of ING Group responsible for global insurance risk management and also served as its group actuary. From 1999 to 2003, he was the chief executive officer of Worldinsure, Bermuda. Previously, from 1988 to 1999, Mr. Hele was an investment banker with Merrill Lynch and also served in marketing and finance positions with its Private Client Division. In addition, from 1980 to 1987, he held various actuarial, finance and business roles at Crown Life. Mr. Hele holds a Bachelor's degree in mathematics from the University of Waterloo and is a Fellow of the Society of Actuaries, a Member of the American Academy of Actuaries and a Fellow of the Canadian Institute of Actuaries.

Marc Grandisson has served as chairman and chief executive officer of Arch Worldwide Reinsurance Group, an executive position of ACGL, since November 2005. Prior to November 2005, he served as president and chief executive officer of Arch Reinsurance Ltd. ("Arch Re (Bermuda)") from February 2005. He served as president and chief operating officer of Arch Re (Bermuda) from April 2004 to February 2005 and as senior vice president, chief underwriting officer and chief actuary of Arch Re (Bermuda) from October 2001. From March 1999 until October 2001, Mr. Grandisson was employed as vice president and actuary of the reinsurance division of Berkshire Hathaway. From July 1996 until February 1999, Mr. Grandisson was employed as vice president-director of F&G Re Inc. From July 1994 until July 1996, Mr. Grandisson was employed as an actuary for F&G Re. Prior to that, Mr. Grandisson was employed as an actuarial assistant of Towers Watson. Mr. Grandisson holds an M.B.A. degree from The Wharton School of the University of Pennsylvania. He is also a Fellow of the Casualty Actuarial Society.

Mark D. Lyons has served as chairman and chief executive officer of Arch Worldwide Insurance Group, an executive position of ACGL, and chairman and chief executive officer of Arch Insurance Group Inc. ("Arch Insurance Group") since July 2008. Prior thereto, he served as president and chief operating officer of Arch Insurance Group from June 2006. Prior to June 2006, he served as executive vice president of group operations and chief actuary of Arch Insurance Group from August 2003. From August 2002 to 2003, he was senior vice president of group operations and chief actuary of Arch Insurance Group. From 2001 until August 2002, Mr. Lyons worked as an independent consultant. From 1992 to 2001, Mr. Lyons was executive vice president of product services at Zurich U.S. From 1987 until 1992, he was a vice president and actuary at Berkshire Hathaway Insurance Group. Mr. Lyons holds a B.S. degree from Elizabethtown College. He is also an associate of the Casualty Actuarial Society and a member of the American Academy of Actuaries. Mr. Lyons is on the Board of Overseers of the St. John's School of Risk Management & Insurance and is a trustee of Elizabethtown College.

W. Preston Hutchings has served as president of Arch Investment Management Ltd. since April 2006 and senior vice president and chief investment officer of ACGL since July 2005. Prior to joining ACGL, Mr. Hutchings was at RenaissanceRe Holdings Ltd. from 1998 to 2005, serving as senior vice president and chief investment officer. Previously, he was senior vice president and chief investment officer of Mid Ocean Reinsurance Company Ltd. from January 1995 until its acquisition by XL Capital in 1998. Mr. Hutchings began his career as a fixed income trader at J.P. Morgan & Co., working for the firm in New York, London and Tokyo. He graduated in 1978 with a B.A. from Hamilton College and received in 1981 an M.A. in Jurisprudence from Oxford University, where he studied as a Rhodes Scholar.

Table of Contents

Timothy J. Olson has been chief executive officer of Arch Reinsurance Company ("Arch Re U.S.") since November 2009 and president of Arch Re U.S. since March 2009. From April 2004 to February 2009, he was executive vice president and chief underwriting officer of Arch Re U.S. Prior thereto, he was managing director-treaty casualty of Arch Re U.S. from November 2001 to April 2004. From August 2001 until November 2001, Mr. Olson was senior vice president of Holborn Reinsurance. Prior to that time, he held various executive level positions at St. Paul Re, including executive vice president-international since 1998. From September 1986 until April 1998, Mr. Olson was employed by F&G Re as an executive vice president. From 1996-1998 he was a member of the board of directors of Ashley Palmer, a Lloyd's Managing Agency. Mr. Olson holds a B.A. from Gustavus Adolphus College, and he is a chartered property casualty underwriter.

Nicolas Papadopoulo has served as president and chief executive officer of Arch Re (Bermuda) since November 2005. Prior to November 2005, he served as chief underwriting officer of Arch Re (Bermuda) from October 2004. He joined Arch Re (Bermuda) in December 2001 as a senior property underwriter. Prior to that time, he held various positions at Sorema N.A. Reinsurance Group, a U.S. subsidiary of Groupama from 1990, including executive vice president and chief underwriting officer since 1997. Prior to 1990, Mr. Papadopoulo was an insurance examiner with the Ministry of Finance, Insurance Department, in France. Mr. Papadopoulo graduated from École Polytechnique in France and École Nationale de la Statistique et de l'Administration Economique in France with a masters degree in statistics. He is also a member of the International Actuarial Association and a Fellow at the French Actuarial Society.

Louis T. Petrillo has been president and general counsel of Arch Capital Services Inc. since April 2002. From May 2000 to April 2002, he was senior vice president, general counsel and secretary of ACGL. From 1996 until May 2000, Mr. Petrillo was vice president and associate general counsel of ACGL's reinsurance subsidiary. Prior to that time, Mr. Petrillo practiced law at the New York firm of Willkie Farr & Gallagher LLP. He holds a B.A. degree from Tufts University and a law degree from Columbia University.

John F. Rathgeber has been vice chairman of Arch Worldwide Reinsurance Group, an executive position of ACGL, and chairman of Arch Re U.S. since November 2009. From March 2009 to November 2009, he was chairman and chief executive officer of Arch Re U.S. Prior thereto, he was president and chief executive officer of Arch Re U.S. from April 2004 to February 2009 and managing director and chief operating officer of Arch Re U.S. from December 2001 to March 2004. From 1998 until 2001, Mr. Rathgeber was executive vice president of the financial solutions business unit of St. Paul Re. From November 1992 until 1996, Mr. Rathgeber was employed as a vice president in the non-traditional underwriting department at F&G Re, and from 1996 until 1998, Mr. Rathgeber served as a senior vice president of non-traditional reinsurance. Prior to joining F&G Re, Mr. Rathgeber was employed by Prudential Re from 1980 until 1992. During that time, he held various underwriting positions, and from 1988 until 1992, Mr. Rathgeber was a director in the actuarial department. Mr. Rathgeber holds a B.A. from Williams College. He is also a chartered property and casualty underwriter, a Fellow of the Casualty Actuarial Society and a member of the American Academy of Actuaries.

Board of Directors

Leadership Structure

The Board currently combines the role of chairman of the board and chief executive officer, together with an independent lead director to strengthen our corporate governance structure. We believe that the combined role of chairman and chief executive officer will promote unified leadership and direction for the Company, which will provide a single, clear focus for management to execute the Company's strategy and business plan. This structure will also foster clear accountability and effective

Table of Contents

decision making. We believe that the combined role of chairman and chief executive officer, together with an independent Board, including an independent lead director, provides an appropriate balance between strategy development and independent oversight of management.

Several factors ensure that we have a strong and independent Board. As indicated below, all directors, with the exception of Mr. Iordanou and Mr. Vollaro, are independent as defined under the applicable listing standards of The NASDAQ Stock Market LLC ("NASDAQ"), and the audit, compensation and nominating committees of our Board are composed entirely of independent directors. The Company's independent directors bring experience, oversight and expertise from many industries, including the insurance industry. In addition to feedback provided during the course of Board meetings, the independent directors regularly meet in executive session without management present. In addition, the Board has regular access to our management team.

The lead director coordinates the activities of the other independent/non-management directors, and performs such other duties and responsibilities as the Board may determine. The lead director presides at all meetings of the Board at which the chairman of the board is not present, including executive sessions of the non-management/independent directors, and has the authority to call meetings of the non-management/independent directors. The lead director also serves as principal liaison between the chairman of the board and the non-management/independent directors and works with the chairman of the board to develop an appropriate schedule of Board meetings and to establish the agendas for Board meetings. In addition, the lead director advises the chairman of the board as to the quality, quantity and timeliness of the flow of information from the Company management that is necessary for the independent directors to effectively and responsibly perform their duties. The lead director is also available, when appropriate, for consultation and direct communication with major shareholders.

Board Independence and Composition

The Board of Directors is required to determine which directors satisfy the criteria for independence under the rules of NASDAQ. To be considered independent, a director may not maintain any relationship that would interfere with his or her independent judgment in completing the duties of a director. The rules state that certain relationships preclude a board finding of independence, including a director who is, or during the past three years was, employed by the company, and any director who accepts any payments from the company in excess of $120,000 during the current year or any of the past three years, other than director fees or payments arising solely from investments in the company's securities. The rules specifically provide that ownership of company stock by itself would not preclude a board finding of independence. Our Board of Directors consists of eleven directors, including nine non-employee directors. Our Board of Directors has concluded that the following nine non-employee directors are independent in accordance with the director independence standards set forth in Rule 5600 of the rules of NASDAQ: Wolfe "Bill" H. Bragin, John L. Bunce, Jr., Eric W. Doppstadt, Kewsong Lee, Yiorgos Lillikas, James J. Meenaghan, John M. Pasquesi, Brian S. Posner and Robert F. Works. In making these independence determinations, the Board reviewed the relationships with the directors set forth under the captions "Compensation Committee Interlocks and Insider Participation" and "Certain Relationships and Related Transactions," including ordinary course transactions not meeting the disclosure threshold with insurers, reinsurers and producers in which a director or a fund affiliated with any of our directors maintained at least a 10% ownership interest.

Role in Risk Oversight

Our Board, as a whole and also at the committee level, has an active role in overseeing management of the Company's risks. The Board regularly reviews information regarding the Company's business and operations, including with respect to underwriting, investments, capital management, liquidity, financial reporting and compliance, as well as the risks associated with these activities.

Table of Contents

Committees of the Board help oversee the business and operations of the Company. The underwriting oversight committee oversees risks relating to our underwriting activities, including with respect to accumulations and aggregations of exposures in our insurance and reinsurance businesses. The members of the underwriting oversight committee regularly participate in the underwriting review meetings held in our insurance and reinsurance operations. The audit committee oversees management of financial reporting and compliance risks. The compensation committee is responsible for overseeing the management of risks relating to the Company's compensation plans and arrangements, retention of personnel and succession planning. The finance and investment committee oversees risks relating to our investment and capital management activities. The nominating committee oversees risks associated with the composition of the Board of Directors. While each committee is responsible for evaluating certain risks and overseeing the management of such risks, the entire Board of Directors is regularly informed through committee reports about such risks. Please refer to "Committees of the Board of Directors."

Code of Business Conduct, Committee Charters and Corporate Governance Guidelines

We have adopted a Code of Business Conduct, which describes our ethical principles, and charters of responsibilities for our standing Board committees, including underwriting oversight, audit, compensation, executive, finance and investment and nominating committees. We have also adopted Corporate Governance Guidelines that cover issues such as executive sessions of the Board of Directors, director qualification and independence requirements, director responsibilities, access to management evaluation and communications with the Board in order to help maintain effective corporate governance at the Company. The full text of our Code of Business Conduct, each committee charter and our Corporate Governance Guidelines is available on the Company's website located at *www.archcapgroup.bm*. None of the material on our website is incorporated herein by reference.

Meetings

The Board of Directors held four meetings during 2010. Each director attended 75% or more of all meetings of the Board of Directors and any committees on which the director served during fiscal year 2010. Directors are encouraged but not required to attend our annual general meetings of shareholders. All of our then directors attended the 2010 annual general meeting.

Communications with the Board of Directors

Shareholders may communicate with the Board of Directors or any of the directors by sending written communications addressed to the Board of Directors or any of the directors, c/o Secretary, Arch Capital Group Ltd., Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda. All shareholder communications will be compiled by the Secretary for review by the Board of Directors.

Committees of the Board of Directors

Underwriting Oversight Committee

The underwriting oversight committee of the Board of Directors assists the Board of Directors by reviewing the underwriting activities of our insurance and reinsurance subsidiaries. The underwriting oversight committee currently consists of John D. Vollaro (chairman), Wolfe "Bill" H. Bragin, Yiorgos Lillikas and John M. Pasquesi. The underwriting oversight committee held four meetings in 2010.

Audit Committee

The audit committee assists the Board of Directors in monitoring (1) the integrity of our financial statements, (2) the qualifications and independence of the independent registered public accounting firm, (3) the performance of our internal audit function and independent registered public accounting firm and (4) the compliance by the Company with legal and regulatory requirements. The audit

Table of Contents

committee currently consists of James J. Meenaghan (chairman), Wolfe "Bill" H. Bragin, Brian S. Posner and Robert F. Works. All of such audit committee members are considered independent under the listing standards of NASDAQ governing the qualifications of the members of audit committees and the independence requirements under Rule 10A-3 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The Board of Directors has determined that Mr. Meenaghan qualifies as an "audit committee financial expert" under the rules of the Securities and Exchange Commission ("SEC"). The audit committee held five meetings during 2010.

Compensation Committee

The compensation committee of the Board of Directors approves the compensation of our senior executives and has overall responsibility for approving, evaluating and making recommendations to the Board of Directors regarding our officer compensation plans, policies and programs. The compensation committee currently consists of John L. Bunce, Jr. (chairman), Kewsong Lee, James J. Meenaghan and Robert F. Works. All of such compensation committee members are considered independent under the listing standards of NASDAQ governing the qualifications of the members of compensation committees. None of the members of the committee are or have been officers or employees of the Company. In addition, no executive officer of the Company served on any board of directors or compensation committee of any entity (other than ACGL) with which any member of our Board of Directors serves as an executive officer. The compensation committee held three meetings during 2010.

Executive Committee

The executive committee of the Board of Directors may generally exercise all the powers and authority of the Board of Directors, when it is not in session, in the management of our business and affairs, unless the Board of Directors otherwise determines. The executive committee currently consists of Kewsong Lee (chairman), John L. Bunce, Jr., Constantine Iordanou and John M. Pasquesi. The executive committee did not meet during 2010.

Finance and Investment Committee

The finance and investment committee of the Board of Directors oversees the Board of Directors' responsibilities relating to the financial affairs of the Company and recommends to the Board of Directors financial policies, strategic investments and overall investment policy, including review of manager selection, benchmarks and investment performance. The finance and investment committee currently consists of John M. Pasquesi (chairman), John L. Bunce, Jr., Eric W. Doppstadt, Constantine Iordanou, Kewsong Lee, James J. Meenaghan, Brian S. Posner and John D. Vollaro. The finance and investment committee held four meetings during 2010.

Nominating Committee

The nominating committee of the Board of Directors is responsible for identifying individuals qualified to become directors and recommending to the Board of Directors the director nominees for consideration at each annual meeting of shareholders. The nominating committee currently consists of Kewsong Lee (chairman), John M. Pasquesi and Robert F. Works. All of such nominating committee members are considered independent under the listing standards of NASDAQ governing the qualifications of the members of nominating committees. The nominating committee held three meetings during 2010.

When the Board of Directors determines to seek a new member, whether to fill a vacancy or otherwise, the nominating committee will consider recommendations from Board members, management and others, including shareholders. In general, the committee will look for new members, including candidates recommended by shareholders, possessing superior business judgment and integrity

Table of Contents

who have distinguished themselves in their chosen fields of endeavor and who have knowledge and experience in the areas of insurance, reinsurance or other aspects of our business, operations or activities, as well as knowledge of the business environments in the jurisdictions in which we currently operate or intend to operate in the future. The Company endeavors to maintain a Board of Directors representing a diverse spectrum of expertise, background, perspective, race, gender and experience.

A shareholder who wishes to recommend a director candidate for consideration by the nominating committee should send such recommendation in writing to the Secretary, Arch Capital Group Ltd., Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda and should comply with the advance notice requirements set forth in our bye-laws, as described under the caption "Shareholder Proposals for the 2012 Annual General Meeting." As described below in more detail, every submission must include a statement of the qualifications of the nominee, a consent signed by the candidate evidencing a willingness to serve as a director if elected, and a commitment by the candidate to meet personally, if requested, with the nominating committee. It is the policy of the committee to review and evaluate each candidate for nomination submitted by shareholders in accordance with the above procedures on the same basis as candidates that are suggested by our Board of Directors.

The nominating committee has not paid a fee to third parties in connection with the identification and evaluation of nominees, nor has it rejected a candidate recommended by a 5% shareholder, but, in each case, reserves the right to do so.

Compensation Committee Interlocks and Insider Participation

The compensation committee currently consists of John L. Bunce, Jr. (chairman), Kewsong Lee, James J. Meenaghan and Robert F. Works. None of the members of the committee are or have been officers or employees of the Company.

From time to time, in the ordinary course of our business, we may enter into transactions, including insurance and reinsurance transactions, with entities in which companies or funds affiliated with directors of ACGL may have an ownership or other interest. Following are transactions we have entered into with companies or funds affiliated with Warburg Pincus & Co. Kewsong Lee has served as a member and managing director of Warburg Pincus and a general partner of Warburg Pincus & Co. since January 1997.

During 2006, Arch Re (Bermuda) invested $50 million in Aeolus LP ("Aeolus"), which operates as an unrated reinsurance platform that provides property catastrophe protection to insurers and reinsurers on both an ultimate net loss and industry loss warranty basis. In return for its investment, Arch Re (Bermuda) received an approximately 4.9% preferred interest in Aeolus and a pro rata share of certain founders' interests. Arch Re (Bermuda) made its investment in Aeolus on the same economic terms as a fund affiliated with Warburg Pincus, which has invested $350 million in Aeolus. During 2009, the Company received a distribution of $14 million from Aeolus as part of a repurchase agreement. Following such receipt, the Company's preferred interest percentage decreased to approximately 4.4%. During the 2010 first quarter, the Company received an additional distribution of $20 million from Aeolus and, from time to time, may receive further dividends and other distributions on its preferred interest on a proportionate basis.

In the ordinary course of its investment activities, the Company purchases municipal bonds enhanced by insurance provided by certain carriers, including National Public Finance Guarantee, a subsidiary of MBIA Inc. As of December 31, 2010, the Company held $104 million of municipal bonds enhanced by insurance provided by MBIA net of prerefunded bonds that are escrowed in U.S. government obligations. Since January 2008, funds affiliated with Warburg Pincus have held more than 10% ownership interest in MBIA and also have appointed designees to serve on the Board of Directors of MBIA, including Kewsong Lee who is a director of ACGL.

Table of Contents

Report of the Audit Committee of the Board of Directors

The audit committee assists the Board of Directors in monitoring (1) the integrity of our financial statements, (2) the qualifications and independence of the independent registered public accounting firm, (3) the performance of our internal audit function and independent registered public accounting firm and (4) the compliance by the Company with legal and regulatory requirements.

It is not the responsibility of the audit committee to plan or conduct audits or to determine that ACGL's financial statements are in all material respects complete and accurate and in accordance with generally accepted accounting principles ("GAAP"). The financial statements are the responsibility of the Company's management. The Company's independent public registered accounting firm is responsible for expressing an opinion on these financial statements based on their audit. It is also not the responsibility of the audit committee to assure compliance with laws and regulations or with any codes or standards of conduct or related policies adopted by ACGL from time to time which seek to ensure that the business of ACGL is conducted in an ethical and legal manner.

The audit committee has reviewed and discussed the consolidated financial statements of ACGL and its subsidiaries set forth in Item 8 of our Annual Report on Form 10-K for the year ended December 31, 2010 ("2010 Annual Report"), management's annual assessment of the effectiveness of ACGL's internal control over financial reporting and PricewaterhouseCoopers LLP's opinion on the effectiveness of internal control over financial reporting, with management of ACGL and PricewaterhouseCoopers LLP, independent registered public accounting firm for ACGL.

The audit committee has discussed with PricewaterhouseCoopers LLP the matters required to be discussed by Statement on Auditing Standards No. 61, "Communication with Audit Committees," as amended (AICPA, Professional Standards, Vol. 1. AU section 380), as adopted by the Public Company Accounting Oversight Board in Rule 3200T, which includes, among other items, matters relating to the conduct of an audit of ACGL's financial statements. The audit committee has also received the written disclosures and the letter from PricewaterhouseCoopers LLP required by applicable requirements of the Public Company Accounting Oversight Board regarding the independent accountant's communications with the audit committee concerning independence, and has discussed with PricewaterhouseCoopers LLP their independence.

Based on the review and discussions with management of ACGL and PricewaterhouseCoopers LLP referred to above and other matters the audit committee deemed relevant and appropriate, the audit committee has recommended to the Board of Directors that ACGL publish the consolidated financial statements of ACGL and its subsidiaries for the year ended December 31, 2010 in our 2010 Annual Report.

AUDIT COMMITTEE
James J. Meenaghan (chairman)
Wolfe "Bill" H. Bragin
Brian S. Posner
Robert F. Works

Table of Contents

Compensation Discussion and Analysis

Introduction

In this section, we discuss the principal aspects of our compensation program as it pertains to Constantine Iordanou, chairman of the board, president and chief executive officer of ACGL; John C.R. Hele, executive vice president, chief financial officer and treasurer of ACGL; and our three other most highly-compensated executive officers in 2010, Marc Grandisson, chairman and chief executive officer of Arch Worldwide Reinsurance Group, Mark D. Lyons, chairman and chief executive officer of Arch Worldwide Insurance Group, and W. Preston Hutchings, president of Arch Investment Management Ltd. and senior vice president and chief investment officer of ACGL. We refer to these individuals throughout this section as the "named executive officers." Our discussion focuses on our compensation and practices relating to 2010.

The compensation committee of our Board of Directors (which we refer to as the "Committee" in this section) is responsible for determining and approving the individual elements of total compensation paid to the chief executive officer and our other executive officers and establishing overall compensation policies for our employees. The Committee also oversees the administration of executive compensation plans and certain employee benefits. Our Board of Directors appoints each member of the Committee and has determined that each is an independent director under the applicable standards of NASDAQ.

Executive Summary

We seek to attract and retain quality executives who will contribute to our long-term success and help us to manage all phases of the underwriting cycle. We seek to provide a compensation program that is driven by our overall financial performance and the increase in shareholder value. The principal features of our compensation programs and policies are summarized below. Please refer to the balance of this discussion for additional details.

Key Principles. The main principles of our strategy include the following: (1) compensation decisions are driven by performance, (2) increased compensation is earned through an employee's increased contribution and (3) a majority of total compensation should consist of variable, performance-based compensation.

Emphasis on Performance-Based Incentives. Our compensation program includes both fixed and variable compensation, with an emphasis on long-term compensation that is tied to Company performance. Although we do not apply rigid apportionment goals in our compensation decisions, our philosophy is that variable pay, in the form of annual cash incentive bonuses and share-based awards, should constitute the majority of total direct compensation.

Pay-Mix. Consistent with our philosophy of emphasizing variable, performance-based compensation, the base salaries for 2011 for all named executive officers of the Company were not increased from 2010 levels. Compensation for these executives was weighted significantly towards performance-based compensation in the form of a cash incentive bonus payment and share-based awards. Specifically, in 2010, for our named executive officers, we allocated compensation as follows: (1) base salaries ranging from approximately 12% to 31% of total compensation and (2) variable, performance-based compensation, in the form of annual cash incentive bonuses and long-term incentive share-based awards, ranging from approximately 69% to 88% of total compensation, as described below.

Share-Based Awards. A substantial component of variable compensation is granted in the form of multi-year vesting share-based awards, which make stock price appreciation over an extended period of time fundamental in realizing a compensation benefit. By emphasizing long-term performance through using long-term incentives, we align our executives' interests with our

Table of Contents

shareholders' interests and create a strong retention tool. Our plans do not permit granting of stock options or share-settled share appreciation rights ("SARs") at an exercise price below the fair market value on the grant date and also do not allow for repricing or reducing the exercise price of a stock option or SAR. We set the exercise price of stock options and SARs at the closing share price on the date of grant.

Key Metrics. Specific factors affecting compensation decisions include key financial metrics, such as growth in book value per share, return on equity ("ROE"), after-tax operating income, combined ratio and investment performance, as well as achieving strategic objectives and supporting our values by promoting a culture of integrity through compliance with law and our ethics policies. We generally do not adhere to rigid formulas in determining the amount and mix of compensation elements. We employ flexibility in our compensation programs and in the evaluation process, which we believe enables us to respond to changes in the business environment. The Committee measures Company performance based on an analysis of our financial performance on an absolute basis and as compared to that of Selected Competitors (as defined below) reviewed annually by the Committee.

Risk Management. We believe we allocate our compensation between base salary and performance-based compensation opportunities in such a way as to not encourage excessive risk-taking. We emphasize variable compensation that is tied to Company performance. Furthermore, the Formula Approach included in our Incentive Compensation Plan, which is applied to employees in our insurance and reinsurance groups and is reviewed in connection with compensation decisions relating to our named executive officers, is based on underwriting performance during a given underwriting year. For each underwriting year, the bonus pool will be recalculated annually as actual underwriting results emerge, and any resultant payments will be made to the participants over a 10-year development period. Since much of our business requires multiple years to determine whether we have been successful in our assessment of risk, we have structured our plan in this manner so that incentive payments are made to employees as actual results become known.

Double Trigger Severance Arrangements. The employment agreements with our named executive officers require an involuntary or constructive termination of the executive's employment following a change in control ("double trigger") in order for severance payments to be made. Similarly, the current annual award agreements for the named executive officers provide that unvested shares and unvested options/SARs do not vest immediately upon a change in control. Rather, in the event that the employee's employment is terminated by the Company other than for cause or by the employee for good reason within two years following a change in control, unvested shares and unvested options/SARs would immediately vest, and the options/SARs would have a remaining term of 90 days from termination. These provisions are consistent with our objective of providing employees with a level of financial protection upon loss of employment.

Complementary Governance Policies and Practices. The Company's compensation philosophy and related governance features are complemented by several specific elements that are designed to align our compensation with long-term shareholder interests, which are outlined below and described in more detail in this proxy statement.

Clawback Policy. The Company maintains a clawback policy covering all executive officers, including the chief executive officer, which provides for specified incentive-based compensation to be recouped by the Company in the event that the Company is required to prepare an accounting restatement due to the material noncompliance of the Company with any financial reporting requirement under the securities laws.

Table of Contents

Share Ownership Guidelines for Executives and Directors. In an effort to further align the interests of the senior management team and the directors with the interests of shareholders, the Company has share ownership guidelines that require our senior executives and the directors to maintain designated levels of ownership of the common shares of ACGL.

No Hedging Permitted. Under the insider trading policy included in our Code of Business Conduct, our named executive officers, other members of senior management and our directors are not permitted to engage in hedging activities with respect to the Company's securities.

Code of Business Conduct, Committee Charters and Corporate Governance Guidelines. We have adopted a Code of Business Conduct, which describes our ethical principles, and charters of responsibilities for all of our standing Board committees. We have also adopted Corporate Governance Guidelines that cover issues such as executive sessions of our Board of Directors, director qualification and independence requirements, director responsibilities, access to management evaluation and communications with the Board in order to help maintain effective corporate governance at the Company.

Executive Sessions. The Committee meets in executive sessions (without management present) as necessary, particularly when administering any aspect of the compensation program for the chairman and chief executive officer of ACGL. Compensation matters in respect of the chairman and chief executive officer of ACGL, the chief financial officer of ACGL and the general counsel of Arch Capital Services Inc. are subject to ratification by our Board of Directors.

Compensation Objectives and Philosophy

The objectives of our executive compensation program are to:

attract and retain quality executives who will contribute to our long-term success and, thereby, increase shareholder value;

enhance the individual executive's short and long-term performance;

align the interests of the executive with those of our shareholders; and

improve overall Company performance and support the ACGL culture of teamwork, underwriting discipline and commitment to the highest ethical standards.

ACGL seeks to provide a compensation program that is driven by our overall financial performance, the increase in shareholder value, the success of the operating unit or function directly affected by the executive's performance and the individual performance of the executive. The main principles of this strategy include the following: (1) compensation decisions are driven by performance, (2) increased compensation is earned through an employee's increased contribution and (3) a majority of total compensation should consist of variable, performance-based compensation.

We believe that the Company's compensation program provides a competitive mix of pay elements that align executive incentives with shareholder value. Our executive compensation program includes both fixed and variable compensation, with an emphasis on long-term compensation that is tied to Company performance. Although we do not apply rigid apportionment goals in our compensation decisions, our philosophy is that variable pay, in the form of annual cash incentive bonuses and share-based awards, should constitute the majority of total direct compensation. A substantial component of variable compensation is granted in the form of share-based awards, which make stock price appreciation fundamental in realizing a compensation benefit. By emphasizing long-term performance

17

Table of Contents

through using long-term incentives, we align our executives' interests with our shareholders' interests and create a strong retention tool.

We rely on the Committee's judgment in making compensation decisions for the named executive officers after reviewing the overall performance of our Company and evaluating an executive's performance during the year against established objectives, leadership qualities, scope of responsibilities and current compensation. Specific factors affecting compensation decisions include key financial metrics, such as growth in book value per share, ROE, after-tax operating income, combined ratio and investment performance, as well as achieving strategic objectives and supporting our values by promoting a culture of integrity through compliance with law and our ethics policies. We generally do not adhere to rigid formulas in determining the amount and mix of compensation elements. We employ flexibility in our compensation programs and in the evaluation process, which we believe helps to position us to respond to changes in the business environment.

Elements of Compensation Program

The four primary components of our executive compensation program are (1) base salary, (2) annual cash incentive bonuses, (3) long-term incentive share-based awards and (4) benefits.

Base Salary. Base salaries are designed to provide competitive levels of compensation to executives based upon their experience, duties and scope of responsibility. We pay base salaries because they provide a basic level of compensation and are necessary to recruit and retain executives. The Committee has the ability, subject to the terms of any employment agreement, to use base salary adjustments to reflect an individual's performance or changed responsibilities.

Base salary levels are also important because we generally tie the target amount of incentive compensation to an executive's base salary. For example, annual target bonus opportunities are denominated as a percentage of the executive's base salary. In addition, as discussed above, the Committee emphasizes a mix of compensation weighted towards variable, performance-based compensation. At lower executive levels, base salaries represent a larger proportion of total compensation than at senior executive levels.

Annual Cash Incentive Bonuses. We use annual cash incentive bonuses as a short-term incentive to drive achievement of our annual performance goals. Specifically, annual cash incentive bonuses are designed to: (1) promote the achievement of financial goals, (2) support our strategic objectives and (3) reward achievement of specific performance objectives.

Annual bonus awards are designed to provide competitive levels of compensation to executives based upon their experience, duties and scope of responsibilities. The size of an executive's bonus award is influenced by these factors, corporate performance, individual performance and market practice. As an employee's responsibilities increase, the portion of his or her bonus that is dependent on corporate performance increases.

We initially denominate a target annual cash incentive bonus opportunity as a percentage of an executive's base salary. For each employee, his or her target is an approximation of the bonus payment that may be paid if performance goals and other expectations are attained by both the employee and the Company as a whole. These target annual bonuses are indicative and do not set a maximum limit. For each of the named executive officers, the target annual bonus opportunity is 100% of such executive's respective base salary.

Our annual bonus awards are paid under our Incentive Compensation Plan. The plan combines two sets of performance measures: (1) a qualitative judgment about progress and performance each year (referred to as the "Target Bonus Approach") and (2) a quantitative, formula-based measure (referred to as the "Formula Approach").

Table of Contents

The Target Bonus Approach is applied to all the named executive officers, as well as to our investment management team, substantially all of the employees of Arch Capital Services Inc. and other designated officers. Under the Target Bonus Approach, the executive's bonus is discretionary and is determined by the Committee taking into account overall Company performance, department or function performance, individual performance and other measures deemed applicable by the Committee. The Committee measures Company performance based on an analysis of our financial performance on an absolute basis and as compared to that of Selected Competitors (as defined below) reviewed annually by the Committee. The financial metrics evaluated by the Committee in measuring Company performance include growth in book value per share, ROE, after-tax operating income, combined ratio and investment performance. Approved annual bonus awards are paid in cash in an amount reviewed and approved by the Committee and ordinarily paid in a single installment in the first quarter following the completion of a given year.

The Formula Approach is applied to executives included in our insurance and reinsurance groups and is reviewed in connection with compensation decisions relating to our named executive officers. Under the Formula Approach, a bonus pool is established for each of our insurance segment and our reinsurance segment based on underwriting performance during a given underwriting year. For each underwriting year, the bonus pool will be recalculated annually as actual underwriting results emerge, and any resultant payments will be made to the participants over a 10-year development period. Since much of our business requires multiple years to determine whether we have been successful in our assessment of risk, we have structured our plan in this manner so that incentive payments are made to employees as actual results become known. Under the Incentive Compensation Plan, if the Board of Directors or the Committee determines that the Formula Approach results in compensation levels that do not appropriately reflect the Company's underlying performance, then the Board of Directors or the Committee may terminate the Formula Approach or make adjustments to it that it deems appropriate.

Historically, we have allocated all of the Company's capital to the operating units for purposes of calculating ROE under our Incentive Compensation Plan, which is designed to encourage our underwriters to write insurance and reinsurance business that offers the highest risk-adjusted returns. Since 2006, rates in many of our lines of business declined. In order to reinforce ACGL's commitment to maintaining underwriting discipline, which involves writing only business that is adequately priced, the Board of Directors determined that a portion of the Company's capital would not be allocated to the operating units for purposes of calculating ROE under the Incentive Compensation Plan for the 2007-2010 underwriting years.

Long-Term Incentive Share-Based Awards. We emphasize long-term variable compensation at the senior executive levels because of our desire to reward effective long-term management decision making and provide the named executive officers with a future interest in the Company. Long-term incentives, which comprise a significant portion of executive compensation, are designed to focus attention on long-range objectives and future returns to shareholders, and are delivered to the named executive officers and other employees through share-based awards under our long-term incentive plans. Our long-term incentive share award plans provide for the grant to eligible employees of a wide range of share-based awards.

The Company provided grants in the form of stock options and restricted common share awards through 2006. Since May 2007, we began to utilize another form of share-based award, SARs, in replacement of stock options in jurisdictions where this type of award is appropriate. SARs represent a right to be paid, upon exercise, an amount measured by the difference between the fair market value per share on the exercise date and the exercise price of the SAR (the "spread"), multiplied by the number of shares with respect to which the SAR is exercised, with the resultant amount paid in shares valued on the exercise date. The value of SARs to employees should be equivalent to that of options, and SARs are less dilutive to shareholders. In addition, the Company amended outstanding stock option agreements to allow for net exercise to the extent permitted or otherwise advisable under applicable legal and accounting principles.

Table of Contents

Since 2007, the Company has shifted the mix of share-based awards to place greater emphasis on restricted shares. One of the key bases for this change is that restricted shares are a more predictable and flexible equity incentive than option and SAR awards. As a result, restricted shares are generally more meaningful to employees and, therefore, could provide a more significant incentive to remain with the Company during the vesting period.

Our share-based compensation is designed to align the interests of executives and shareholders by providing value to the executive as the share price increases. Due to the variability of the share price, the value of stock options, SARs and restricted share awards is dependent upon our overall results and how we are perceived by our shareholders and the marketplace. Based on the foregoing, the Company believes that share-based awards encourage executives and other employees to focus on behaviors and initiatives that should lead to an increase in the price of our common shares, which benefits all ACGL shareholders.

Share-based compensation grant levels and awards are reviewed and determined by the Committee periodically. Grants of share-based compensation are determined on the basis of a number of factors, including: (1) corporate performance on an absolute basis and relative to Selected Competitors and individual performance, (2) the executive's contribution to the Company's success and (3) competitive total compensation and long-term incentive grant levels as determined in the market.

Share-based awards granted to employees vest over a prescribed period, motivating executives to remain with us and sustain high corporate performance in order to increase the value of such awards. The May 2010 grants outlined in the "Grants of Plan-Based Awards" table will vest over a three-year period, which the Company believes is consistent with the Company's objectives to retain management and to align further the interests of management and the Company's shareholders. Options and SARs awarded to executives are granted at the closing price of the shares on the date of grant and, subject to earlier termination under certain circumstances as set forth in the award agreements, will expire 10 years from the grant date.

Each annual award agreement expressly provides for the acceleration of the vesting of the applicable award and, in the case of stock options, adjustments to the option/SAR exercise period in the event the award recipient ceases to be an employee of the Company in certain circumstances. Please refer to the description of our award agreements included below under the caption "Share-Based Award Agreements." The current annual award agreements for the named executive officers provide that, in the event that the employee's employment is terminated by the Company other than for cause or by the employee for good reason within two years following a change in control, unvested shares and unvested options/SARs would immediately vest, and the options/SARs would have a remaining term of 90 days from termination. Unlike single trigger provisions that provide for vesting immediately upon a change in control, the agreements require a double trigger, a change in control followed by an involuntary loss of employment or termination following an involuntary change in responsibilities within two years thereafter. This is consistent with the purpose of the provision, which is to provide employees with a level of financial protection upon loss of employment.

In addition, commencing with grants on and after September 2004, our share-based award agreements provide that, if an employee's employment terminates (other than for cause) after retirement age, unvested shares and unvested options would continue to vest pursuant to the normal vesting schedule so long as the employee does not engage in a competitive activity following retirement. However, the award agreements also provide that, if a retired employee does engage in a competitive activity, any unvested awards would be forfeited and the holder would have a reduced period in which to exercise vested options. These provisions are designed to help provide our retired employees with financial security so long as the Company's interests are protected.

Table of Contents

Benefits. ACGL seeks to provide benefit plans, such as medical coverage and life and disability insurance, consistent with applicable market conditions. Our health and welfare plans help ensure that the Company has a productive and focused workforce through reliable and competitive healthcare and other benefits. Defined contribution retirement plans are provided for all employees according to local market conditions. Retirement plans help employees save and prepare for retirement. The named executive officers are eligible for the benefit plans provided to all other employees. The Company only credits actual service with the Company towards benefits under the Company's benefit plans. The Company does not maintain any defined benefit retirement or pension plans.

During 2010, certain members of senior management, including Mr. Lyons, participated in the Company's non-qualified defined contribution retirement plan, which provides additional retirement savings opportunities that cannot be achieved with tax-qualified plans due to limits on annual compensation. Participants in the non-qualified plan do not receive preferential earnings on their investments. Account balances are paid in cash following termination of employment in accordance with the terms of the plan. The principal benefit to the participating executives is that U.S. taxes are deferred until distribution of the funds. As described below under " Tax Considerations Sections 409A and 457A," commencing with the 2009 year, this benefit is no longer provided to certain employees, including Messrs. Iordanou, Hele and Grandisson, due to changes in the governing law. In lieu of pension and matching contributions previously provided to these former participants through the non-qualified plan, in 2009 and 2010, we provided comparable benefits to these employees in the form of current cash payments subject to tax.

In 2007, the Company adopted a broad based employee share purchase plan. The purpose of this plan is to provide employees with an opportunity to purchase common shares of ACGL through payroll deductions, thereby encouraging employees to share in the economic growth and success of the Company. The Company also provides a broad based matching gift program pursuant to which the Company matches eligible contributions by employees to qualified charitable organizations. During 2010, the Company made an aggregate of approximately $205,100 in matching contributions on behalf of the named executive officers.

In addition, the Company provides our named executive officers with perquisites and other benefits that the Company and the Committee believe are reasonable and consistent with its overall compensation program to better enable the Company to attract and retain key employees. In developing our guidelines for the administration of these various benefits, the Company reviews the job requirements of various positions and the anticipated business use of such benefits, as well as available market data. Similar benefits are generally provided by insurers and reinsurers for similarly situated employees and have been necessary for recruitment and retention purposes. These benefits primarily relate to those executives who work and reside in Bermuda and are typical of such benefits provided to expatriates located in Bermuda. Examples of these benefits include housing allowances, club memberships, the cost of tax preparation services and home leave for executives and family for those executives working outside their home country. In addition, certain tax regulations often subject our executives to taxation on the receipt of certain of these benefits. In certain of these situations, particularly in the case of those executives working outside their home country, we provide a tax gross-up payment to the executive to reimburse the executive for approximate amounts of additional tax liability the executive will need to pay as a result of receiving such benefits. The Company provides this benefit to be competitive with its peers in order to attract and retain talented individuals.

Relationship Between Compensation Policies and Risk Management

We believe our approach to evaluation of performance and the design of our compensation programs assists in mitigating excessive risk-taking that could harm our value or reward poor judgment by our executives. We believe we have allocated our compensation among base salary and performance-based compensation opportunities in such a way as to not encourage excessive risk-taking. We

Table of Contents

emphasize long-term compensation that is tied to Company performance. Furthermore, the Formula Approach included in our Incentive Compensation Plan, which is applied to employees in our insurance and reinsurance groups, is based on underwriting performance during a given underwriting year. For each underwriting year, the bonus pool will be recalculated annually as actual underwriting results emerge, and any resultant payments will be made to the participants over a 10-year development period. Since much of our business requires multiple years to determine whether we have been successful in our assessment of risk, we have structured our plan in this manner so that incentive payments are made to employees as actual results become known. In addition, a substantial component of variable compensation is granted in the form of multi-year vesting share-based awards, which make stock price appreciation over an extended period of time fundamental in realizing a compensation benefit.

The Company's compensation philosophy and related governance features are also complemented by several specific elements that are designed to align our compensation with long-term shareholder interests. These elements include a clawback policy covering all executive officers, including the chief executive officer, which provides for specified incentive-based compensation to be recouped by the Company in the event that the Company is required to prepare an accounting restatement due to the material noncompliance of the Company with any financial reporting requirement under the securities laws. In an effort to further align the interests of the senior management team and the directors with the interests of shareholders, the Company has share ownership guidelines that require our senior executives and the directors to maintain designated levels of ownership of the common shares of ACGL. In addition, under the insider trading policy included in our Code of Business Conduct, our named executive officers, other members of senior management and our directors are not permitted to engage in hedging activities with respect to the Company's securities.

Employment Agreements

The Company has entered into employment agreements or letters with its chief executive officer and each of its other named executive officers. The employment agreements with our named executive officers require an involuntary or constructive termination of the executive's employment following a change in control ("double trigger") in order for severance payments to be made. The terms of the employment agreements, including the severance benefit provisions, were structured to attract and retain persons believed to be key to our success, as well as to be competitive with compensation practices for executives in similar positions at companies of similar size and complexity. Please refer to "Employment Arrangements" below for a description of the employment agreements with our named executive officers.

Clawback Policy

The Company has a clawback policy covering all executive officers, including the chief executive officer. This policy provides that, in the event that the Company is required to prepare an accounting restatement due to the material noncompliance of the Company with any financial reporting requirement under the securities laws, the Committee will review all incentive-based compensation that was paid to current or former executive officers during the three-year period preceding the required restatement. If any such incentive-based compensation would have been lower as a result of the restated financial results, the Committee will require the reimbursement of the incremental portion of the incentive-based compensation in excess of the compensation that would have been paid based on the restated financial results (to the extent permitted by applicable law). This policy will be interpreted in accordance with applicable rules of NASDAQ (or other securities exchange on which our common shares are listed from time to time).

Table of Contents

Matters Relating to Share Ownership and Share-Based Compensation

Share Ownership Guidelines. In an effort to further align the interests of the senior management team with the interests of shareholders, the Company has share ownership guidelines that require these executives to maintain designated levels of ownership of the common shares of ACGL. Specifically, these guidelines require common share ownership levels as follows: (1) chief executive officer of ACGL six times base salary; (2) named executive officers and other executives who file reports under Section 16 of the Exchange Act and certain other members of senior management designated from time to time four times base salary; and (3) other designated members of senior operating management three times base salary. Each executive has five years to comply with the guidelines, and stock options, SARs and unvested restricted shares/units do not count toward the requirement. See also "Director Compensation" for a description of share retention guidelines that require our non-employee directors to maintain designated levels of ownership of common shares of ACGL.

No Hedging Permitted. Under the insider trading policy included in our Code of Business Conduct, our named executive officers, other members of senior management and our directors are not permitted to engage in hedging activities with respect to the Company's securities. Specifically, these insiders may not engage in short sales, purchases on margin or buying or selling put options or call options with respect to our securities.

Options and SARs. Our plans do not permit granting of stock options or SARs at an exercise price below the closing price on the grant date and also do not allow for repricing or reducing the exercise price of a stock option or SAR. We set the exercise price of stock options and SARs at the closing share price on the date of grant.

Certain Procedures Regarding Share-Based Compensation. The Committee approves all grants of share-based compensation to the named executive officers and other executives who file Section 16 reports with the SEC, and these awards also are generally approved by the full Board of Directors. The Committee approves annual share-based awards to other employees or, alternatively, may approve the size of the pool of such annual share-based awards to be granted to other employees, but may delegate to the chief executive officer and other members of senior management the authority to make and approve specific awards to other employees. In addition, the Committee has delegated to the chief executive officer or, in his absence, the chief financial officer, the authority to make and approve specific share-based awards to non-executives, principally new hires, who are not subject to Section 16 of the Exchange Act. The Committee reviews any grants made under this delegation on a regular basis.

It has been our practice to make annual grants of share-based compensation on the dates of regularly scheduled meetings of the full Board of Directors. Our process for establishing the grant date well in advance provides assurance that grant timing is not being manipulated for employee gain. It is our current intention to consider the determinations for annual grants on the date of the May meeting of our Board of Directors. Under our current practice, we have chosen the May meeting of our Board of Directors because we believe that more complete information will be publicly available at that time regarding the financial performance of our Selected Competitors and the related share-based awards granted by these companies for performance during the prior year, which will provide the Committee and the Board of Directors with additional useful data before making final determinations on share-based compensation. Generally, awards are granted to the named executive officers as part of the annual process, which encompassed approximately 363 company employees worldwide for awards granted in 2010 for 2009 performance. We may grant a small percentage of awards at other times throughout the year on the date of regularly scheduled meetings of the Committee or the full Board of Directors in connection with hiring or the promotion of an executive or special retention circumstances. In addition, pursuant to the delegation of authority by the Committee, the chief executive officer or, in his absence, the chief financial officer, may approve at other times grants of share-based awards to

Table of Contents

non-executive officers. In the case of a new hire, the awards have grant dates corresponding to the date the employment commences for the new hire.

Tax Considerations

Section 162(m). Section 162(m) of the Code generally limits the deductible amount of annual compensation paid to the chief executive officer and three other most highly compensated executive officers (other than the chief financial officer) to no more than $1,000,000 each. Since ACGL will not generally be subject to United States income tax, the limitation on deductibility will not directly apply to it. However, the limitation would apply to a United States subsidiary of ACGL if it employs the chief executive officer or one of the three other most highly compensated executive officers. Qualified performance-based compensation will be excluded from the $1,000,000 limitation on deductibility. Our policy is to qualify, to the extent consistent with our compensation goals and programs, our executive officers' compensation for deductibility under applicable tax laws. Consistent with this policy, our Incentive Compensation Plan includes a provision pursuant to which payments under the plan may be deferred if it is necessary in order to avoid nondeductibility of the payments under Section 162(m) of the Code. However, the Committee believes that its primary responsibility is to provide a compensation program that will attract, retain and reward the executive talent necessary to our success. Consequently, the Committee recognizes that the loss of a tax deduction could be necessary in some circumstances due to the restrictions of Section 162(m). The Committee will review tax consequences as well as other relevant considerations in connection with compensation decisions.

Sections 409A and 457A. Section 409A of the Code which governs deferred compensation arrangements, generally, provides that distributions of deferred compensation to our senior officers as a consequence of termination of employment may not be made sooner than six months after termination. Section 409A also made changes to a number of other areas, including the timing of elections and distributions with respect to deferred compensation. As required by Section 409A, the Company took actions to meet the documentation requirements of Section 409A by December 31, 2008, including implementing amendments to our deferred compensation plans and applicable employment agreements. In late 2008, the Emergency Economic Stabilization Act added Section 457A of the Code. While Section 409A provides certain rules that must be complied with if deferred compensation arrangements are utilized, Section 457A generally prohibits U.S. taxpayers from deferring U.S. income tax on compensation attributable to services performed after December 31, 2008 for certain employers, including Bermuda-based employers such as ACGL and Arch Re (Bermuda). As a result, for periods on or after January 1, 2009, certain employees of ACGL and Arch Re (Bermuda), including Messrs. Iordanou, Hele and Grandisson, are no longer permitted to participate in the non-qualified defined contribution retirement plan. As required by Section 457A, the non-qualified plan provides that compensation that has been previously deferred by these employees will be distributed on or before December 31, 2017. In lieu of pension and matching contributions previously provided to these former participants through the non-qualified plan, in 2009 and 2010, we provided comparable benefits to these participants in the form of current cash payments subject to taxation. In addition, in light of Section 457A, and in an effort to maintain comparable benefits for all employees, the Company has provided certain of its Bermuda-based employees who are U.S. taxpayers with the opportunity to receive a portion of their annual incentive bonus in the form of SARs or restricted shares. There is no matching or additional company contributions associated with this election and, as a result, the Company will not incur any additional expense by providing this benefit.

Excise Tax Matters. If payments contingent upon a change in control are made to officers in an amount that equals or exceeds three times the individual's "base amount" (generally, an average of the individual's taxable compensation for the five years preceding the year in which the change in control occurs), then (1) all amounts paid in excess of one times the base amount will be subject to a 20% excise tax payable by the employees who are U.S. taxpayers and (2) such excess amount will be

Table of Contents

nondeductible to U.S.-based employers (if applicable). In order to avoid an onerous result for the Company's executives under the excise tax rules and to avoid the loss of a tax deduction by the Company (if applicable), during 2008 the Company included a "modified cut back" provision in the Company's employment agreements for all executives for whom excise tax implications had not been otherwise addressed. Under the modified cut back provision, (1) the executive will have his/her expectations under the severance agreement more closely met (*i.e.,* payments will be cut back only if he/she is better off than paying excise taxes); (2) the proposal does not result in the Company paying any additional amounts as there would be no gross-up payments; and (3) if the executive is cut back, the provisions could have the effect of preserving tax deductions that would have otherwise been lost. The modified cut back approach is consistent with the Company's existing policies as this provision is already included in the Company's Incentive Compensation Plan. See also "Employment Arrangements Constantine Iordanou" for a description of excise tax arrangements included in Mr. Iordanou's employment agreement.

Committee Review

The Committee reviews the performance of, and approves the compensation paid to, the chief executive officer and the other named executive officers. The chief executive officer assists in the reviews of the named executive officers other than himself through making recommendations on goals and objectives, evaluating performance and making recommendations regarding compensation. With this input from the chief executive officer with respect to the other named executive officers, the Committee uses discretion in determining compensation for these officers.

The Committee meets in executive sessions (without management present) as necessary, particularly when administering any aspect of the compensation program for the chairman and chief executive officer of ACGL. Compensation matters in respect of the chairman and chief executive officer of ACGL, the chief financial officer of ACGL and the general counsel of Arch Capital Services Inc. are subject to ratification by the Board of Directors.

In determining the amount of named executive officer compensation each year, the Committee reviews overall corporate performance, the performance of the business unit or function that the executive leads and an assessment of each executive's performance. In connection with establishing levels of base salary, annual incentives, long-term incentives and benefits, the Committee reviews annual reports on Form 10-K, proxy statements and other publicly available information for a representative sample of publicly-traded insurers and reinsurers which we believe compete directly with us for executive talent (the "Selected Competitors"). Many of these Selected Competitors are of generally similar size and have generally similar numbers of employees, product offerings and geographic scope.

Currently, the Selected Competitors are: ACE Limited, Alterra Capital Holdings Limited, AXIS Capital Holdings Limited, Endurance Specialty Holdings Ltd., Everest Re Group, Ltd., PartnerRe Ltd., Platinum Underwriters Holdings, Ltd., RenaissanceRe Holdings Ltd., Transatlantic Holdings, Inc., Validus Holdings Ltd., W.R. Berkley Corporation and XL Capital Ltd. Following our review of Selected Competitors, we replaced Canadian-based Fairfax Financial Holdings Limited with Bermuda-based Alterra Capital Holdings, which was formed as a result of the merger between Max Capital Group and Harbor Point Limited. We concluded that Alterra, which is listed on NASDAQ and provides specialty insurance and reinsurance products in Bermuda, the United States and Europe, would provide a more effective comparison with our Company.

Table of Contents

2010 Compensation Decisions

The specific compensation decisions made for each named executive officer for 2010 reflect the performance of the Company against key financial and operational measurements. In evaluating the performance of the Company, we focus on two main benchmarks, operating return on average common equity, which measures the generation of earnings and the efficient use of capital, and growth in book value per share, which creates long-term value for shareholders. We believe that we performed reasonably well against both benchmarks in 2010 as we continue to operate in a challenging underwriting and investment environment. Operating return on average common equity was 12.0% in 2010, down from 18.3% in 2009. Book value per common share was $89.98 at the end of 2010, a 23.2% increase from $73.01 at the end of 2009, reflecting the combined impact of underwriting results, investment returns and common share repurchases.

Other performance measures reflect the challenging market conditions. After-tax operating income available to shareholders was $491.1 million, or $9.35 per share, in 2010, a per-share decrease of 11.2% from 2009. This decrease in after-tax operating income reflected the impact of reduced premium volume and higher catastrophe losses following a relatively benign catastrophe year in 2009. The Company's combined ratio under GAAP was 92.5% in 2010, compared to 88.1% in 2009. In addition, gross premiums written were $3.27 billion in 2010, compared to $3.59 billion in 2009, while net premiums written were $2.51 billion in 2010, compared to $2.76 billion in 2009. We believe our emphasis on profitability, rather than on premium volume, will benefit shareholders by enabling us to continue to grow the Company's book value per share at an attractive rate over time.

Please refer to the "Management's Discussion and Analysis of Financial Condition and Results of Operations" section of our 2010 Annual Report for an analysis of our financial and operational performance during 2010. After-tax operating income available to common shareholders, a non-GAAP financial measure, is defined as net income available to common shareholders, excluding net realized gains or losses, net impairment losses included in earnings, equity in net income or loss of investment funds accounted for using the equity method and net foreign exchange gains or losses, net of income taxes. The reconciliation of such measure to net income available to common shareholders (the most directly comparable GAAP financial measure) is included in our 2010 Annual Report.

Consistent with our philosophy of emphasizing variable, performance-based compensation, the base salaries for 2011 for all named executive officers of the Company were not increased from 2010 levels.

In determining the performance-based portion of Mr. Iordanou's compensation, the Committee evaluated Mr. Iordanou's contributions toward creation and enhancement of shareholder value by considering a number of factors, including the Company's financial results achieved under his leadership over both the short-term and the long-term. The Committee focused on the fact that the Company continued to maintain underwriting discipline during continuing difficult market conditions. The Committee also reviewed the Company's pursuit of strategic and operational initiatives under Mr. Iordanou, including the execution of the Company's common share repurchase program as well as expense management initiatives. The Committee did not apply a formula or assign performance measures relative weights but made a subjective determination after considering these measures collectively.

In light of the Committee's assessment, and as a result of his performance, Mr. Iordanou received a bonus of $3,500,000. In May 2010, Mr. Iordanou also was granted long-term incentive awards in the form of 42,000 restricted common shares and 42,000 SARs with a per share exercise price of $75.03, each of which will vest in three equal annual installments commencing on the first anniversary of the grant date. These awards, which are reflected in the "Summary Compensation Table," were awarded following an assessment of Mr. Iordanou's performance during 2009. As noted above, the Committee expects to consider determinations for share-based compensation for 2010 performance at meetings scheduled to be held in May 2011.

Table of Contents

In determining the performance-based compensation of our other named executive officers, the Committee evaluated overall performance of the Company and their contributions to that performance, as well as the performance of the business or function that each named executive officer leads. The Committee did not apply a formula or assign performance measures relative weights but made a subjective determination after considering these measures collectively.

With respect to Mr. Hele, the Committee reviewed his key roles in financial reporting, enterprise risk management and capital management. In addition, under Mr. Hele's leadership, the Committee also considered that the other aspects of the financial function for the Company, which involved, among other things, investor relations and ratings agency matters, performed well during the year.

In determining the performance-based compensation of Messrs. Grandisson and Lyons, who oversee the Company's reinsurance operations and insurance operations, respectively, the Committee reviewed the profitability of the reinsurance group and the insurance group, including their respective groups' effectiveness in managing the underwriting cycle. As part of that analysis, the Committee reviewed the estimated bonus pool determined under the Formula Approach for the 2010 and prior underwriting years, which is based on various ROE targets. In reviewing these calculations, the Committee recognized that the estimated bonus pool provides only a current indication of underwriting performance as the bonus pool for the underwriting year will be recalculated annually over a 10-year development period as actual results emerge. The Committee also reviewed Mr. Grandisson's and Mr. Lyons' oversight of key operational matters for their respective groups, including those relating to overall management, including expense management, risk management and infrastructure. In addition, the Committee considered the Company's pursuit of strategic initiatives under the leadership of Mr. Grandisson and Mr. Lyons, which initiatives will provide us with opportunities to further develop our existing businesses and access new sources of business over the long term.

In determining the performance-based portion of Mr. Hutchings' compensation, the Committee reviewed the performance of the Company's internal and external investment portfolios and Mr. Hutchings' oversight with respect to increasing the Company's allocations to equity securities and emerging market and global multi-asset funds. In addition, the Committee reviewed Mr. Hutchings' management of the Company's expanded internal investment function and other contributions, including his effective implementation of the Company's common share repurchase program.

In light of this assessment, the named executive officers received the following annual incentive cash bonuses for performance during 2010: Mr. Hele $600,000; Mr. Grandisson $1,250,000; Mr. Lyons $1,000,000; and Mr. Hutchings $800,000. In addition, in May 2010, these named executive officers were granted the following long-term incentive share-based awards (with the same principal terms included in Mr. Iordanou's May 2010 grants, as described above): Mr. Hele 7,600 SARs and 7,600 restricted common shares; Mr. Grandisson 10,000 SARs and 10,000 restricted common shares; Mr. Lyons 8,000 SARs and 8,000 restricted common share units; and Mr. Hutchings 5,500 SARs and 5,500 restricted common shares. In order to limit the impact of the deductibility cap under Section 162(m) of the Code, the restricted common share units granted to Mr. Lyons will be settled in common shares after the termination of his employment as provided in the award agreement (see " Tax Considerations Section 162(m)"). These share-based awards, which are reflected in the "Summary Compensation Table," were awarded following an assessment of the executives' performance during 2009. As noted above, the Committee expects to consider determinations for share-based compensation for 2010 performance at meetings scheduled to be held in May 2011.

Table of Contents

As indicated above, and consistent with the Committee's general compensation philosophy for senior executives, compensation for the named executive officers was weighted significantly towards performance-based compensation in the form of a cash annual incentive bonus payment and share-based awards. Specifically, in 2010, for our named executive officers, we allocated compensation as follows: (1) base salaries ranging from approximately 12% to 31% of total compensation and (2) variable, performance-based compensation, in the form of annual cash incentive bonuses and long-term incentive share-based awards, ranging from approximately 69% to 88% of total compensation. For this purpose, the percentages are based on total compensation that includes the base salary and cash annual incentive bonus payments described above and the full grant date value of the May 2010 share-based awards calculated in accordance with prescribed accounting rules.

Report of the Compensation Committee on the Compensation Discussion and Analysis

The Committee reviewed and discussed the "Compensation Discussion and Analysis" section included in this proxy statement with management. Based on such review and discussion, the Committee recommended to the Board of Directors that the "Compensation Discussion and Analysis" section be included in the 2010 Annual Report and this proxy statement for filing with the SEC.

COMPENSATION COMMITTEE
John L. Bunce, Jr. (chairman)
Kewsong Lee
James J. Meenaghan
Robert F. Works

Table of Contents

Summary Compensation Table

The following table provides information concerning the compensation for services in all capacities earned by the named executive officers for fiscal year 2010.

Name and Principal Position	Year	Salary ($)	Bonus ($)	Stock Awards ($)(1)	Option Awards ($)(1)	Non-Equity Incentive Plan Compensation ($)	Change in Pension Value and Non-qualified Deferred Compensation Earnings ($)	All Other Compensation ($)	Total ($)
Constantine Iordanou	2010	1,000,000	3,500,000	3,151,260	964,673			859,005(3)	9,474,938
Chairman of the Board,	2009	1,000,000	3,200,000(2)	2,213,910	677,954			792,815(3)	7,884,679
President and Chief	2008	1,000,000	2,800,000	3,118,500	858,231			3,133,361(3)	10,910,092
Executive Officer of ACGL and Class II Director of ACGL									
John C.R. Hele(4)	2010	600,000	600,000	570,228	174,600			502,456(5)	2,447,284
Executive Vice President,	2009	450,000	450,000	1,832,638	799,969			562,770(5)	4,095,377
Chief Financial Officer and Treasurer of ACGL									
Marc Grandisson	2010	625,000	1,250,000	750,300	229,684			430,148(6)	3,285,132
Chairman and Chief Executive	2009	625,000	1,000,000	439,888	134,705			364,336(6)	2,563,929
Officer of Arch Worldwide	2008	625,000	800,000	693,000	190,718			337,024(6)	2,645,742
Reinsurance Group									
Mark D. Lyons(7)	2010	500,000	1,000,000	600,240	183,747			173,459(8)	2,457,446
Chairman and Chief Executive	2009	500,000	900,000	439,888	134,705			212,511(8)	2,187,104
Officer of Arch Worldwide	2008	500,000	800,000	578,655	159,250			180,098(8)	2,218,003
Insurance Group									
W. Preston Hutchings	2010	450,000	800,000	412,665	126,326			105,910(9)	1,894,901
President of Arch Investment	2009	450,000	700,000	295,188	90,394			82,770(9)	1,618,352
Management Ltd. and	2008	400,000	450,000	415,800	114,431			76,748(9)	1,456,979
Senior Vice President and Chief Investment Officer of ACGL									

(1) The amounts shown in these columns represent the aggregate grant date fair value of awards computed in accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 718 Compensation Stock Compensation, excluding the effect of forfeitures. We have computed the estimated grant date fair values of share-based compensation related to stock options using the Black-Scholes option valuation model having applied the assumptions set forth in the notes accompanying our financial statements. See note 15, "Share Capital," of the notes accompanying our consolidated financial statements included in our 2010 Annual Report. With respect to Mr. Hele, the share-based awards reflected for 2009 in the above table include initial awards granted upon the commencement of his employment.

(2) Mr. Iordanou elected to receive 50% of his approved bonus for 2009 in the form of a SAR under an election provided by the Company for Bermuda-based employees. On February 25, 2010, Mr. Iordanou was awarded 70,751 SARs, with a value equal to $1.6 million. The SARs are fully vested and will expire 10 years from the date of grant. No such election was made in 2010.

(3) Includes: (a) $30,185 in contributions to our defined contribution plans for each of 2010 and 2009 and $139,900 for 2008; (b) $109,475 in payment of an amount equal to the pension and matching contributions set forth in the non-qualified deferred compensation plan for each of 2010 and 2009, which, due to changes in applicable tax laws, was made outside the plan; (c) a housing allowance in Bermuda of $156,253, $162,507 and $155,658 for 2010, 2009 and 2008, respectively; (d) incremental costs to the Company of $135,936, $61,038 and $114,637 resulting from the use of Company-provided aircraft for commuting to the Company's offices for 2010, 2009 and 2008, respectively; (e) reimbursement for additional tax costs as provided for under his employment agreement (the "Iordanou Employment Agreement Tax Provision") of $178,016, $173,821 and $86,880 for 2010, 2009 and 2008, respectively; (f) $29,053 for tax preparation services for 2008; (g) $44,706 for Bermuda payroll tax reimbursements for 2010; (h) $2,466,526 credited

to an account in a defined contribution plan for 2008 to provide supplemental deferred compensation benefits for services performed by him prior to the contribution date and in recognition that certain benefits from his former employer were previously foregone by Mr. Iordanou (see "Employment Arrangements Constantine Iordanou"); and (i) an aggregate of $150,724, $159,589 and $93,541 for tax gross-up payments for 2010, 2009 and 2008, respectively, to reimburse the executive for the payment of taxes with respect to the following: commuting costs, family travel and home leave policies, certain club dues and the Iordanou Employment Agreement Tax Provision. For 2009 and 2008, the tax gross-up payment includes an amount to reimburse the executive for the payment of taxes related to the correction of an administrative error pursuant to a relief program under Section 409A of the Code. The additional tax costs and related tax gross-up component that relate to the Iordanou Employment Agreement Tax Provision are subject to adjustment up or down based upon the executive's final tax return filed for the year (accordingly, such amounts reported for 2009 and 2008 have been adjusted based on the executive's final tax return). The calculation of the incremental cost for Company-provided aircraft use is based on the variable operating costs to the Company for each flight, including hourly charges, fuel variable charges and applicable international fees. In addition, also includes the following other benefits, none of which individually exceeded the greater of $25,000 or 10% of the total amount of these benefits for the named executive: use of commercial aircraft for 2009, an automobile allowance, Bermuda payroll tax reimbursements for 2009 and 2008, tax preparation services for 2010 and 2009, reimbursement of tax costs related to the correction of an administrative error under Section 409A of the Code for 2009 and 2008, club dues and life insurance premiums.

Table of Contents

Many of the above listed benefits are provided to expatriates residing in Bermuda. For a description of these benefits and the Company's other employee benefits programs, please see "Compensation Discussion and Analysis Elements of Compensation Program Benefits."

(4)

Mr. Hele has been executive vice president, chief financial officer and treasurer of ACGL since April 1, 2009.

(5)

Includes: (a) $30,185 in contributions to our defined contribution plans for each of 2010 and 2009; (b) $51,475 and $29,725 in payment of an amount equal to the pension and matching contributions set forth in the non-qualified deferred compensation plan, which, due to changes in applicable tax laws, was made outside the plan for 2010 and 2009, respectively; (c) a housing allowance in Bermuda of $132,440 and $130,535 for 2010 and 2009, respectively; (d) incremental costs to the Company of $41,319 resulting from the use of Company-provided aircraft for commuting to the Company's offices for 2010, (e) reimbursement for additional tax costs as provided for under his employment agreement (the "Hele Employment Agreement Tax Provision") of $93,987 and $99,489 for 2010 and 2009, respectively; (e) an automobile allowance of $37,667 for 2009; (f) relocation costs in the amount of $94,915 for 2009; (g) $44,706 for Bermuda payroll tax reimbursements for 2010; and (h) an aggregate of $75,931 and $107,435 in tax gross-up payments to reimburse the executive for the payment of taxes with respect to the Hele Employment Agreement Tax Provision, commuting costs, family travel and home leave policies and club dues for 2010 and 2009 and relocation costs for 2009. The additional tax costs and related tax gross-up component that relate to the Hele Employment Agreement Tax Provision is subject to adjustment up or down based upon the executive's final tax return filed for the year. In addition, also includes the following other benefits, none of which individually exceeded the greater of $25,000 or 10% of the total amount of these benefits for the named executive: automobile allowance for 2010, Company-provided aircraft for commuting to the Company's offices for 2009, tax preparation services, Bermuda payroll tax reimbursements for 2009, family travel and home leave policies, club dues and life insurance premiums.

Many of the above listed benefits are provided to expatriates residing in Bermuda. For a description of these benefits and the Company's other employee benefits programs, please see "Compensation Discussion and Analysis Elements of Compensation Program Benefits."

(6)

Includes: (a) $20,000 in contributions to our defined contribution plans for each of 2010 and 2009 and $59,500 for 2008; (b) $55,100 in payment of an amount equal to the pension and matching contributions set forth in the non-qualified deferred compensation plan for each of 2010 and 2009, which, due to changes in applicable tax laws, was made outside the plan; (c) a housing allowance in Bermuda of $197,922, $199,009 and $191,199 for 2010, 2009 and 2008, respectively, (d) $60,666, $38,644 and $43,960 for fees for children's schooling for 2010, 2009 and 2008, respectively; and (e) $44,706 for Bermuda payroll tax reimbursements for 2010. In addition, also includes the following other benefits, none of which individually exceeded the greater of $25,000 or 10% of the total amount of these benefits for the named executive: Bermuda payroll tax reimbursements for 2009 and 2008, family travel and home leave policies, an automobile allowance, tax preparation services, club dues and life insurance premiums.

Many of the above listed benefits are provided to expatriates residing in Bermuda. For a description of these benefits and the Company's other employee benefits programs, please see "Compensation Discussion and Analysis Elements of Compensation Program Benefits."

(7)

Mr. Lyons was promoted to chairman and chief executive officer of Arch Worldwide Insurance Group on July 2, 2008.

(8)

Includes: (a) $55,685, $67,160 and $55,250 in contributions to our defined contribution plans for 2010, 2009 and 2008, respectively; (b) a housing allowance of $40,102, $48,619 and $43,615 for 2010, 2009 and 2008, respectively; (c) $22,510, $25,374 and $24,517 for use of commercial aircraft for commuting to the Company's offices for 2010, 2009 and 2008, respectively; and (d) $54,093 $69,905 and $55,316 in tax gross-up payments for housing and commuting costs for 2010, 2009 and 2008, respectively. In addition, also includes the following other benefits, none of which individually exceeded the greater of $25,000 or 10% of the total amount of these benefits for the named executive: family travel for 2009 and life insurance premiums.

For a description of the Company's employee benefits programs, please see "Compensation Discussion and Analysis Elements of Compensation Program Benefits."

(9)

Includes: (a) $20,000 in contributions to our defined contribution plans for each of 2010, 2009 and 2008, respectively; (b) $29,725 in payment of an amount equal to the pension and matching contributions set forth in the non-qualified deferred compensation plan for each of 2010 and 2009 and $17,000 for 2008 (c) $44,706, $19,129 and $19,548 in Bermuda payroll tax reimbursements for 2010, 2009 and 2008, respectively; (d) an automobile allowance of $5,832 for 2008; (e) life insurance premiums of $6,145, $7,196 and $7,808 for 2010, 2009 and 2008, respectively; and (f) club dues of $5,334, $6,720 and $6,560 for 2010, 2009 and 2008, respectively. Mr. Hutchings' base salary is paid to him in Bermuda dollars, which are convertible into U.S. dollars at a rate of 1:1.

For a description of the Company's employee benefits programs, please see "Compensation Discussion and Analysis Elements of Compensation Program Benefits."

Table of Contents

Grants of Plan-Based Awards

The following table provides information concerning grants of share-based awards made to our named executive officers in fiscal year 2010:

Name	Grant Date	Estimated Future Payouts Under Non-Equity Incentive Plan Awards			Estimated Future Payouts Under Equity Incentive Plan Awards			All Other Stock Awards: Number of Shares of Stock or Units (#)(1)	All Other Option Awards: Number of Securities Underlying Options (#)(1)	Exercise or Base Price of Option Awards ($/Sh)	Grant Date Fair Value of Stock and Option Awards ($)(2)
		Threshold ($)	Target ($)	Maximum ($)	Threshold (#)	Target (#)	Maximum (#)				
Constantine Iordanou	2/25/2010								70,751	74.00	1,599,991
	5/5/2010							42,000			3,151,260
	5/5/2010								42,000	75.03	964,673
John C.R. Hele	5/5/2010							7,600			570,228
	5/5/2010								7,600	75.03	174,600
Marc Grandisson	5/5/2010							10,000			750,300
	5/5/2010								10,000	75.03	229,684
Mark D. Lyons	5/5/2010							8,000			600,240
	5/5/2010								8,000	75.03	183,747
W. Preston Hutchings	5/5/2010							5,500			412,665
	5/5/2010								5,500	75.03	126,326

(1) The May 2010 grants indicated above were awarded under the 2007 Long Term Incentive and Share Award Plan in the form of share-settled SARs and restricted share awards. These awards will vest over a three-year period. The SARs were granted at the closing price of the shares on the date of grant and, subject to the award agreements, will expire 10 years from the grant date. The restricted share awards shown in the table above were granted in the form of restricted common shares, except for Mr. Lyons' award, which was granted in the form of restricted common share units that will be settled in common shares after the termination of his employment as provided in the award agreement. In addition, Mr. Iordanou elected to receive 50% of his approved bonus for 2009 in the form of a SAR under an election provided by the Company for Bermuda-based employees. On February 25, 2010, Mr. Iordanou was awarded 70,751 SARs. The SARs are fully vested and will expire 10 years from the date of grant. The value of this SAR is reflected in the "Summary Compensation Table" in the "Bonus" column for 2009.

(2) The amounts shown in this column represent the grant date fair value of the underlying award computed in accordance with accounting guidance governing share-based compensation arrangements as discussed in note 15, "Share Capital," of the notes accompanying our consolidated financial statements included in our 2010 Annual Report.

Table of Contents

Outstanding Equity Awards at 2010 Fiscal Year-End

The following table provides information concerning unexercised options and stock that has not vested for each named executive officer outstanding as of December 31, 2010.

	Option Awards					Stock Awards			
Name	Number of Securities Underlying Unexercised Options (#) Exercisable	Number of Securities Underlying Unexercised Options (#) Unexercisable(1)	Equity Incentive Plan Awards: Number of Securities Underlying Unexercised Unearned Options (#)	Option Exercise Price ($)	Option Expiration Date	Number of Shares or Units of Stock That Have Not Vested (#)(2)	Market Value of Shares or Units of Stock That Have Not Vested ($)(3)	Equity Incentive Plan Awards: Number of Unearned Shares, Units or Other Rights That Have Not Vested (#)	Equity Incentive Plan Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested ($)
Constantine Iordanou	400,000(4)			23.50	1/1/2012	82,500	7,264,125		
	120,000(4)			39.00	9/22/2014				
	150,000			56.27	2/23/2016				
	45,000(5)			71.12	5/11/2017				
	30,000(5)	15,000(5)		69.30	5/9/2018				
	12,750(5)	25,500(5)		57.88	5/6/2019				
	70,751(5)			74.00	2/25/2020				
		42,000(5)		75.03	5/5/2020				
John C.R. Hele	13,334	26,666		55.74	4/1/2019	29,332	2,582,683		
	2,534	5,066		57.88	5/6/2019				
		7,600		75.03	5/5/2020				
Marc Grandisson	37,500			20.00	10/23/2011	18,399	1,620,032		
	32,000			39.00	9/22/2014				
	80,000			55.04	11/15/2015				
	20,000			56.27	2/23/2016				
	10,450			71.12	5/11/2017				
	6,667	3,333		69.30	5/9/2018				
	2,534	5,066		57.88	5/6/2019				
		10,000		75.03	5/5/2020				
Mark D. Lyons	18,116			26.31	8/6/2012	15,849	1,395,504		
	28,000			39.00	9/22/2014				
	20,000			56.27	2/23/2016				
	30,000			59.65	8/2/2016				
	8,350			71.12	5/11/2017				
	5,567	2,783		69.30	5/9/2018				
	2,534	5,066		57.88	5/6/2019				
		8,000		75.03	5/5/2020				
W. Preston Hutchings	50,000(6)			45.34	7/1/2015	10,900	959,745		
	6,000(6)			56.27	2/23/2016				
	5,250			71.12	5/11/2017				
	4,000	2,000		69.30	5/9/2018				
	1,700	3,400		57.88	5/6/2019				
		5,500		75.03	5/5/2020				

(1) Each of the above stock options and SARs, as applicable, vest in three equal annual installments commencing on the first anniversary of the grant date. All of such options will expire 10 years from the date of grant (subject to the terms of the award agreements).

(2) The above restricted share or unit awards vest in three equal annual installments commencing on the first anniversary of the grant date. In addition, Mr. Lyons' awards granted during May 2008, 2009 and 2010 were in the form of restricted common share units that will be settled in common shares after the termination of his employment as provided in the award agreement.

(3) Market value of unvested shares or units on an aggregate basis are valued as of December 31, 2010 in accordance with applicable SEC rules.

(4) As of December 31, 2010, 335,881 of such stock option awards have been transferred other than for value to a grantor retained annuity trust.

(5) As of December 31, 2010, such stock option awards have been transferred other than for value to a grantor retained annuity trust.

(6) Each stock option award has been transferred other than for value to a company which is owned by a family trust, with Mr. Hutchings, his spouse and their children as beneficiaries.

Table of Contents

Option Exercises and Stock Vested

The following table provides information concerning each exercise of stock options and each vesting of stock during fiscal year 2010 for the named executive officers:

	Option Awards		Stock Awards	
Name	Number of Shares Acquired on Exercise (#)	Value Realized on Exercise ($)	Number of Shares Acquired on Vesting (#)	Value Realized on Vesting ($)(1)
Constantine Iordanou			27,750	2,030,678
John C.R. Hele			10,868	816,238
Marc Grandisson			9,350	691,150
Mark D. Lyons(2)			2,783	209,254
W. Preston Hutchings			17,950	1,332,965

(1) We computed the dollar amount realized upon vesting by multiplying the number of shares by the market value of the underlying shares on the vesting date.

(2) Excludes 5,317 restricted common share units that vested and will be settled in common shares after the termination of his employment as provided in the award agreement. See "Non-Qualified Deferred Compensation."

Non-Qualified Deferred Compensation

The Company maintains tax-qualified and non-qualified defined contribution plans but does not maintain any defined benefit retirement or pension plans. The following table provides information with respect to our defined contribution plans that provide for deferral of compensation on a basis that is not tax-qualified:

Name	Executive Contributions in Last FY ($)	Registrant Contributions in Last FY ($)	Aggregate Earnings in Last FY ($)	Aggregate Withdrawals/ Distributions ($)	Aggregate Balance at Last FYE ($)
Constantine Iordanou			864,302		16,817,804(3)
			291,522		1,555,667(4)
John C.R. Hele					
Marc Grandisson					
Mark D. Lyons	180,000(1)	25,500(2)	147,240		1,735,494(3)
		600,240(4)	367,335		2,108,798(4)
W. Preston Hutchings					

(1) This amount was deferred by the named executive officer and is also included in the "Summary Compensation Table" in the "Bonus" column for 2009.

(2)

All of such contributions by the Company are also included in the "Summary Compensation Table" for fiscal year 2010 in the "All Other Compensation" column.

(3)

Includes the following amounts which we also included in the "Summary Compensation Table" for fiscal year 2010 or in prior years: Mr. Iordanou $14,001,423 and Mr. Lyons $1,044,782.

Table of Contents

(4)

Indicates the value of restricted common share units that will be settled in common shares after the termination of employment as provided in the applicable award agreements. The amount indicated in the "Registrant Contributions in Last FY" column for Mr. Lyons is based on the closing price of ACGL's common shares on the date of grant (May 5, 2010) and the amounts indicated in the "Aggregate Balance at Last FYE" column are based on the closing price of ACGL's common shares on December 31, 2010. The amount for Mr. Lyons set forth under "Registrant Contributions in Last FY" has been included in the "Summary Compensation Table" for fiscal year 2010, and $500,000 and $1,618,783 of the amounts for Mr. Iordanou and Mr. Lyons, respectively, set forth under "Aggregate Balance at Last FYE" have been included in the "Summary Compensation Table" for fiscal year 2010 or prior years.

The Company maintains an Executive Supplemental Non-Qualified Savings and Retirement Plan. Under this plan, participants may defer eligible base salary in excess of the compensation limit imposed by the Code ("Excess Compensation") (for 2010, base salary in excess of $245,000, which amount has not been increased for 2011) and, with respect to the eligible named executive officers, the Company provides matching contributions on these deferrals in amounts equal to 100% of the first 3% of salary contributed to the plan and 50% of the next 3% of salary contributed to the plan. The Company also makes pension-like contributions on behalf of the eligible named executive officers in an amount equal to 10% of Excess Compensation. In addition, the named executive officers may defer up to 100% of annual bonus paid each year and these bonus deferral contributions are not eligible for matching contributions by the Company. Until distribution, the contributions and any earnings are held in an irrevocable trust known as a "rabbi trust" by an independent trustee, and the trust assets remain subject to the Company's creditors. The participants may elect to have their contributions under the plan deemed to be invested among certain permissible mutual fund options. The plan provides that, as soon as practicable following retirement, death or other termination of employment, but subject to any delay required by the Code, all benefits under the plan will be distributed either in a single lump sum in cash or, if elected, in installments over a period not to exceed 10 years.

As indicated above, Section 457A of the Code generally prohibits U.S. taxpayers from deferring U.S. income tax on compensation attributable to services performed after December 31, 2008 for certain employers, including Bermuda-based employers such as ACGL and Arch Re (Bermuda). As a result, for periods on or after January 1, 2009, certain employees of ACGL and Arch Re (Bermuda), including Messrs. Iordanou, Hele and Grandisson, are no longer permitted to participate in the non-qualified defined contribution retirement plan. In addition, and as required by Section 457A, the non-qualified plan will provide that compensation that has been previously deferred by these employees will be distributed on or before December 31, 2017. In lieu of pension and matching contributions previously provided to these former participants through the non-qualified plan, we have provided comparable benefits to these participants in the form of current cash payments subject to tax. Such cash payments have been included in the "Summary Compensation Table" in the "All Other Compensation" column for fiscal years 2009 and 2010.

Table of Contents

Employment Arrangements

Set forth below is a summary of the material terms of the employment arrangements with each of the named executive officers.

Constantine Iordanou

In November 2007, ACGL and Constantine Iordanou entered into an employment agreement pursuant to which Mr. Iordanou has agreed to serve as ACGL's president and chief executive officer until November 28, 2012. The agreement provides that it will be automatically extended for successive one-year periods after the current term unless either ACGL or Mr. Iordanou gives at least 12 months notice of the intention not to renew. In December 2008, ACGL and Mr. Iordanou agreed upon certain amendments to the employment agreement intended to comply with Sections 409A and 457A of the Code.

Mr. Iordanou's employment agreement provides for an annual base salary of $1,000,000, which is subject to review annually for increase at the discretion of the Board of Directors. Mr. Iordanou is eligible to participate in an annual bonus plan on terms established from time to time. The target rate for the annual cash bonus is 100% of his annual base salary. Mr. Iordanou is also entitled to participate in employee benefits programs such as major medical, life insurance and disability insurance; the cost of preparation of annual tax returns and associated tax planning on a basis no less favorable than such arrangements provided to similarly situated senior executives residing in Bermuda; and other fringe benefits customarily provided to similarly situated senior executives residing in Bermuda, which includes housing expense reimbursement, payroll tax reimbursements and automobile allowance. Since Mr. Iordanou relocated to Bermuda, his employment agreement also provides for the use of any private aircraft owned or leased by the Company or such other reasonably comparable air transportation for travel between Bermuda and the New York Metropolitan area. In addition, Mr. Iordanou is also entitled to an amount equal to the excess, if any, of the amount of income and employment taxes payable by him to Bermuda, New York and any other governmental taxing authority over the amount that would have been payable by him had he resided in New York for the entire calendar year. The agreement also provides that, during the employment period, ACGL will use its best efforts to cause Mr. Iordanou to be elected to our Board of Directors.

The agreement provides that if Mr. Iordanou's employment is terminated by his death, his estate will receive a prorated portion of his bonus that would have been paid for the year of his death and an amount equal to two times the sum of his base salary and target annual bonus payable in a lump sum, but offset by life insurance proceeds received by his estate on coverage provided by the Company. His agreement also provides that if his employment is terminated due to his permanent disability, he will receive a prorated portion of his bonus that would have been paid for the year in which he becomes disabled, as determined by the Board of Directors, and an amount per annum equal to 40% of his base salary during the period beginning on the date of his permanent disability up to the month in which he reaches age 65, offset by any proceeds scheduled to be received from any disability insurance coverages provided by the Company, such amount to be paid in equal monthly installments, provided, that all installments otherwise scheduled to be made after the first anniversary of termination will instead be made on such first anniversary. The agreement further provides that if we terminate Mr. Iordanou's employment without cause or he resigns for good reason, he will receive a prorated portion of his bonus that would have been paid for the year of his termination and an amount equal to two times the sum of his base salary and target annual bonus payable in 18 equal installments, the first nine of which will be paid monthly over nine months and the last nine of which will be paid in a lump sum on the nine-month anniversary of termination (subject to six month deferral as required under Section 409A of the Code). Mr. Iordanou's and his spouse's major medical insurance coverage benefits pursuant to his employment agreement will continue for 18 months after the date of termination in the event that (1) his employment ends due to death or permanent disability, (2) he is terminated other than for

Table of Contents

cause or (3) he resigns for good reason (or until such time as he has major medical insurance coverage under the plan of another employer). The agreement also provides that if Mr. Iordanou's employment is terminated by us for cause or he resigns other than for good reason, he will receive his base salary through the date of termination.

Mr. Iordanou has agreed that, during the employment period and for the period of 18 months after termination of employment, he will not compete with the businesses of ACGL or any of its subsidiaries as such businesses exist as of the date of termination, within any geographical area in which ACGL or any of its subsidiaries engage in such businesses. If we terminate Mr. Iordanou's employment without cause or he terminates for good reason, the term of his non-competition period will extend only as long as he is receiving severance benefits provided for under his employment agreement under such circumstances. However, in the event of termination due to expiration of the term of the agreement or by reason of Mr. Iordanou's resignation other than for good reason, the non-competition period will continue beyond his termination date for up to 18 months only if the Company so elects and (1) pays Mr. Iordanou an amount equal to two times the sum of his annual base salary and target annual bonus (prorated for the period selected by the Company) in 18 equal installments, the first 12 of which will be paid monthly and continuing monthly thereafter through the month that includes the first anniversary of the separation from service and the last six of which will be paid on the first anniversary of the separation from service (subject to six month deferral as required under Section 409A of the Code); and (2) provides medical benefits for the selected period. Mr. Iordanou also agreed that he will not, for an 18-month period following his date of termination, induce or attempt to induce any of our employees to leave his or her position with us or induce any customer to cease doing business with us.

In addition, in the event of a change in control, the agreement provides for a gross-up payment to reimburse Mr. Iordanou for any excise tax under Code Section 4999 as well as any additional income, excise and employment taxes resulting from such reimbursement. Code Section 4999 imposes a 20% nondeductible excise tax on the recipient of an "excess parachute payment" and Code Section 280G disallows the tax deduction to the payor of any amount of an excess parachute payment. The agreement provides that any payments contingent on a change of control will be reduced by an amount equal to the lesser of (1) the smallest amount possible such that no payment would be treated as a "parachute payment" under Section 280G of the Code and (2) $2,500,000. Notwithstanding the foregoing provision, if, without regard to any gross-up payment and without any reduction in payments, the net amount retained by Mr. Iordanou, after subtracting from the payments otherwise to be made all taxes imposed thereon, would exceed the after-tax amount that would be retained by him with the gross-up payment and after the reduction described above, then no reduction in payments will be made and no gross-up payment will be made. The agreement also provides for indemnification of Mr. Iordanou to the fullest extent permitted by applicable law and the Company's governing instruments in connection with suits or proceedings arising by reason of the fact that he is or was a director, officer or employee of the Company. The Company has also agreed to pay reasonable legal fees incurred by Mr. Iordanou as result of any dispute or contest with the Company regarding the agreement, unless the Company substantially prevails on all material causes of action in the dispute or contest.

Table of Contents

In December 2008, ACGL credited to an account in its defined contribution non-qualified deferred compensation plan $2,466,526 on behalf of Mr. Iordanou. ACGL authorized this contribution to Mr. Iordanou's account in connection with the renewal of his employment agreement to provide supplemental deferred compensation benefits for services performed by him prior to the contribution date and in recognition that certain benefits from his former employer were previously foregone by Mr. Iordanou. The credited amount was fully vested on the contribution date. The credited amount, together with any notional earnings credited under the terms of the plan, will be distributed to Mr. Iordanou on or before December 31, 2017 in accordance with his distribution election and the provisions of the plan.

John C.R. Hele

In October 2008, ACGL and John Hele entered into an employment agreement with a term extending from April 1, 2009 through April 1, 2012. The agreement will be automatically extended for additional one-year periods, unless we or Mr. Hele gives notice at least 180 days prior to the expiration of the original term or any extended term. The agreement provides for an annual base salary of $600,000, and the target rate for the annual cash bonus is 100% of the annual base salary. Mr. Hele is eligible to receive annual cash bonuses and share-based awards at the discretion of the Board and is also entitled to participate in employee benefits programs such as major medical, life insurance and disability insurance, the cost of preparation of annual tax returns and associated tax planning, and other fringe benefits customarily provided to similarly situated senior executives residing in Bermuda, which includes housing expenses, payroll tax reimbursements and automobile allowance. His agreement also provides that the Company will reimburse him, on an after-tax basis, for his reasonable expenses incurred in traveling between Bermuda and the United States. In addition, Mr. Hele is entitled to an amount equal to the excess, if any, of the amount of income and employment taxes payable by him to Bermuda, New York and any other governmental taxing authority over the amount that would have been payable by him had he resided in New York for the entire calendar year. ACGL will also reimburse him for certain relocation expenses and reasonable expenses incurred by him in establishing his residence in Bermuda. In addition, upon the termination of his employment for any reason, ACGL will reimburse him for reasonable expenses incurred by him for the cost of relocating all of his household items to the United States and airfare for Mr. Hele and his family to return to the United States.

The agreement provides that if Mr. Hele's employment is terminated without cause or for good reason, he will be entitled to receive an amount equal to 18 months of his base salary payable over 12 months. The agreement also provides that if Mr. Hele's employment is terminated for cause, as a result of his resignation or leaving employment other than for good reason, as a result of death or permanent disability, or by written notice of the intention not to renew the agreement by us or Mr. Hele, he (or his estate) will be entitled to receive his base salary through the date of termination. The agreement further provides that if Mr. Hele's employment is terminated by reason of death or permanent disability, he (or his estate) will also be entitled to receive a prorated portion of his target annual bonus (offset by any proceeds received from any insurance coverages provided by the Company), such amount would be paid to him by no later than March 15 of the calendar year following the calendar year of such termination of employment. Mr. Hele's major medical insurance coverage benefits pursuant to his employment agreement will continue for 12 months after the date of termination (or until he is provided by another employer with benefits substantially comparable, with no pre-existing condition limitations, to the benefits provided by such plan) in the event that (a) his employment ends due to permanent disability, (b) he is terminated other than for cause or (c) he resigns for good reason.

Table of Contents

Mr. Hele has agreed that, during the employment period and for a period of one year after termination of employment, he will not compete with the businesses of ACGL or any of its subsidiaries as such businesses exist or are in process or being planned as of the date of termination. Mr. Hele also agreed that he will not, for a period of one year following his date of termination, induce or attempt to induce any of our employees to leave his or her position with us or induce any customer to cease doing business with us.

In connection with his retention, on April 1, 2009, Mr. Hele was granted 25,000 restricted common shares and 40,000 stock options, each of which will vest to him in three equal annual installments commencing on the first anniversary of the grant date so long as he remains an employee of the Company on such date. The terms of Mr. Hele's award agreements have the terms described below under "Share-Based Award Agreements," except that, in the event his employment is terminated by ACGL without cause or by him for good reason, the restricted shares will immediately vest to him.

Marc Grandisson

Under an employment agreement, Marc Grandisson serves as chairman and chief executive officer of Arch Worldwide Reinsurance Group. The terms of his employment provide for a current annual base salary of $625,000. The annual base salary is subject to review annually for increase at the discretion of the Board of Directors. The target rate for the annual cash bonus for Mr. Grandisson is 100% of his annual base salary. Mr. Grandisson is eligible to receive annual cash bonuses and share-based awards at the discretion of our Board of Directors. Mr. Grandisson is also entitled to participate in employee benefits programs such as major medical, life insurance and disability insurance and other fringe benefits customarily provided to similarly situated senior executives residing in Bermuda, which includes housing expenses, payroll tax reimbursements and automobile allowance. His agreement also provides that the Company will reimburse him, on an after-tax basis, for his reasonable expenses incurred in traveling between Canada and Bermuda. The current term of his employment agreement ends on December 31, 2011, but we or Mr. Grandisson may terminate his employment at any time. The agreement will be automatically extended for additional one-year periods, unless we or Mr. Grandisson gives notice at least 60 days prior to the expiration of the original term or any extended term. The agreement provides that if the employment of Mr. Grandisson is terminated without cause or for good reason, he will be entitled to receive an amount equal to his annual base salary over a 12-month period. Mr. Grandisson's major medical insurance coverage benefits pursuant to his employment agreement will continue for 12 months after the date of termination (or until he is provided by another employer with benefits substantially comparable, with no pre-existing condition limitations, to the benefits provided by such plan) in the event that (1) his employment ends due to permanent disability, (2) he is terminated other than for cause or (3) he resigns for good reason. If Mr. Grandisson's employment is terminated for cause or if he resigns without good reason or as a result of his death or disability, he (or his estate) will receive his annual base salary to the date of such termination.

Mr. Grandisson agreed that, during the employment period and for the period of two years after termination of employment, he will not compete with the businesses of ACGL or any of its subsidiaries as such businesses exist or are in process or being planned as of the date of termination. The non-competition period will be one year following termination if we terminate his employment without cause, he terminates for good reason or he or the Company gives notice of intent not to extend his employment term in accordance with the employment agreement. Mr. Grandisson also agreed that he will not, for a period of two years following termination, induce or attempt to induce any of our employees to leave his or her position with us or induce any customer to cease doing business with us.

Table of Contents

Mark D. Lyons

Under an employment agreement, Mark Lyons serves as chairman and chief executive officer of Arch Worldwide Insurance Group and chairman and chief executive officer of Arch Insurance Group. The terms of his employment provide for a current annual base salary of $500,000. The annual base salary is subject to review annually for increase at the discretion of the Board of Directors. The target rate for the annual cash bonus for Mr. Lyons is 100% of his annual base salary. Mr. Lyons is eligible to receive annual cash bonuses and share-based awards at the discretion of our Board of Directors. Mr. Lyons is also entitled to participate in employee benefits programs such as major medical, life insurance and disability insurance and other fringe benefits customarily provided to similarly situated senior executives. In addition, during the employment period, Arch Insurance Group will reimburse him for reasonable housing costs in the New Jersey Metropolitan area. The current term of his employment agreement ends on July 31, 2011, but Arch Insurance Group or Mr. Lyons may terminate his employment at any time. The agreement will be automatically extended for additional one-year periods, unless Arch Insurance Group or Mr. Lyons gives written notice at least 60 days prior to the expiration of the original term or any extended term. The agreement provides that if the employment of Mr. Lyons is terminated without cause or for good reason, he will be entitled to receive an amount equal to his annual base salary over a 12-month period. Mr. Lyons' major medical insurance coverage benefits pursuant to his employment agreement will continue for 12 months after the date of termination (or until he is provided by another employer with benefits substantially comparable, with no pre-existing condition limitations, to the benefits provided by such plan) in the event that (1) his employment ends due to permanent disability, (2) he is terminated other than for cause or (3) he resigns for good reason. If Mr. Lyons' employment is terminated for cause or if he resigns without good reason or as a result of his death or disability, he (or his estate) will receive his annual base salary to the date of such termination.

Mr. Lyons agreed that, during the employment period and for the period of two years after termination of employment, he will not compete with the businesses of ACGL or any of its subsidiaries as such businesses exist or are in process or being planned as of the date of termination. The non-competition period will be one year following termination if we terminate his employment without cause, he terminates for good reason or he or the Company gives notice of intent not to extend his employment term in accordance with the employment agreement. Mr. Lyons also agreed that he will not, for a period of two years following termination, induce or attempt to induce any of our employees to leave his or her position with us or induce any customer to cease doing business with us.

W. Preston Hutchings

W. Preston Hutchings serves as president of Arch Investment Management Ltd. and senior vice president and chief investment officer of ACGL. The terms of his employment provide for a current annual base salary of $450,000. The annual base salary is subject to review annually for increase at the discretion of the Board of Directors. The target rate for the annual cash bonus for Mr. Hutchings is 100% of his annual base salary. Mr. Hutchings is eligible to receive an annual cash bonus and share-based awards at the discretion of the Board of Directors and to participate in our employee benefit programs. The Company or Mr. Hutchings may terminate his employment at any time. In the event that Mr. Hutchings' employment is terminated by ACGL not for cause or by him for good reason, ACGL will pay to him an amount equal to his annual base salary over a period of 12 months. In addition, Mr. Hutchings also agreed that he will not, for a period of one year following termination, induce or attempt to induce any of our employees to leave his or her position with us or induce any customer to cease doing business with us.

Table of Contents

Share-Based Award Agreements

Our long-term incentive share award plans provide for the grant to eligible employees and directors of stock options, stock appreciation rights, restricted shares, restricted share units payable in common shares or cash, share awards in lieu of cash awards, dividend equivalents, performance shares and performance units and other share-based awards.

To date, the Company has provided grants in the form of stock options, SARs, restricted common shares and restricted common share units. Share-based awards granted to employees vest over a prescribed period, motivating executives to remain with us and sustain high corporate performance in order to increase the value of such awards. The May 2010 grants outlined in the "Grants of Plan-Based Awards" table will vest over a three-year period, which the Company believes is consistent with the Company's objectives to retain management and to align further the interests of management and the Company's shareholders. Options and SARs awarded to executives are granted at the closing price of the shares on the date of grant and, subject to the award agreements, will expire 10 years from the grant date.

Each annual award agreement expressly provides for the acceleration of the vesting of the applicable award and, in the case of stock options and SARs, adjustments to the option exercise period in the event the award recipient ceases to be an employee of the Company in certain circumstances. In the event that an employee's employment terminates due to his death or permanent disability, unvested awards would immediately vest, and the employee or his/her estate may exercise the options and SARs for a period of three years. In the event that an employee's employment is terminated by the Company for cause, all unvested restricted shares would be forfeited and all unvested and vested options and SARs would be forfeited. Commencing with grants on and after September 2004, in the event that an employee's employment terminates (other than for cause) after retirement age, unvested awards would continue to vest on the schedule set forth in the applicable agreement so long as the employee does not engage in a competitive activity. If the employee does engage in a competitive activity, then any unvested awards would be forfeited and the holder would have a reduced period in which to exercise vested options and SARs. Currently, the annual award agreements for the named executive officers provide that, in the event that the employee's employment is terminated by the Company other than for cause or by the employee for good reason within two years following a change in control, unvested awards would immediately vest, and the options and SARs would have a remaining term of 90 days from termination. In the event of termination for any other reason, all unvested awards would be forfeited, and the holder may exercise vested options and SARs for a period of 90 days from termination. The foregoing description is qualified in its entirety by reference to the award agreements.

Table of Contents

Termination Scenarios Potential Payments

The following table provides information on the various payments and benefits that each named executive officer would have been entitled to receive if his last day of employment with the Company had been December 31, 2010 under the various circumstances presented. Please refer to the descriptions of our employment agreements and share-based award agreements, which outline these potential payments and benefits (see "Employment Arrangements" and "Share-Based Award Agreements").

Name	Voluntary ($)	For Cause ($)	Death ($)	Disability ($)	Without Cause or For Good Reason (as applicable) ($)	Without Cause or For Good Reason (as applicable) following a Change in Control ($)
Constantine Iordanou						
Cash Severance(1)			5,000,000	2,666,667	5,000,000	5,000,000
Accelerated Vesting of Share-Based Awards(2)		(4)	8,861,550	8,861,550		8,861,550
Health & Welfare(3)			26,764	26,764	26,764	26,764
Total			13,888,314	11,554,981	5,026,764	13,888,314
John C.R. Hele						
Cash Severance(5)			600,000	600,000	900,000	900,000
Accelerated Vesting of Share-Based Awards(2)			3,696,054	3,696,054	2,329,020	3,696,054
Health & Welfare(3)				21,089	21,089	21,089
Total			4,296,054	4,317,143	3,250,109	4,617,143
Marc Grandisson						
Cash Severance(6)					625,000	625,000
Accelerated Vesting of Share-Based Awards(2)			1,965,567	1,965,567		1,965,567
Health & Welfare(3)				21,089	21,089	21,089
Total			1,965,567	1,986,656	646,089	2,611,656
Mark D. Lyons						
Cash Severance(7)					500,000	500,000
Accelerated Vesting of Share-Based Awards(2)			1,704,687	1,704,687		1,704,687
Health & Welfare(3)				17,843	17,843	17,843
Total			1,704,687	1,722,530	517,843	2,222,530
W. Preston Hutchings						
Cash Severance(8)					450,000	450,000
Accelerated Vesting of Share-Based Awards(2)			1,171,433	1,171,433		1,171,433
Health & Welfare						
Total			1,171,433	1,171,433	450,000	1,621,433

(1) In the case of termination (i) due to death, (ii) by the Company without cause or (iii) by the executive for good reason, Mr. Iordanou (or his estate) will be entitled to receive a prorated target bonus based on the termination date plus two times the sum of his base salary and target annual

41

Table of Contents

bonus, with such amounts payable (A) in a lump sum as soon as practicable following death but offset by life insurance proceeds received by his estate on coverage provided by the Company and (B) except as otherwise required to be deferred for six months under Section 409A of the Code, over a nine-month period for the other cases as provided in his employment agreement. In the case of termination due to disability, Mr. Iordanou will be entitled to receive a prorated bonus based on the termination date plus 40% of his base salary for the maximum disability term under our plans (*i.e.,* through his 65th birthday), which amount will be payable over one year as provided in his employment agreement, offset by proceeds received by him from disability insurance provided by the Company.

(2)

Represents the intrinsic value (*i.e.,* the value based upon the Company's closing share price on December 31, 2010 or in the case of options, the excess of the closing price over the exercise price) of accelerated vesting of certain unvested share-based awards as of December 31, 2010 under the various circumstances presented. See "Employment Arrangements" and "Share-Based Award Agreements."

(3)

Represents the employer cost relating to the continuation of medical insurance coverage under the terms described in each executive's employment agreement for the various circumstances presented.

(4)

Since Mr. Iordanou is of retirement age (as defined in our plans), any unvested restricted shares/units and unvested stock options/SARs will continue to vest according to the vesting schedule and, in the case of stock options/SARs, the options/SARs will continue to have the full exercise period of 10 years from the date of grant. In the event that he engages in a competitive activity (as defined in the award agreement) following retirement, the exercise periods for the options/SARs would be reduced.

(5)

In the case of termination due to death or disability, Mr. Hele (or his estate) will receive a prorated bonus based on the termination date; provided, however, that the amount may not be less than the average of the bonuses paid to him for the last three years (if he has not yet received bonuses for three years, he will receive not less than a prorated portion of the average bonuses received). In the case of termination by the Company without cause or by the executive for good reason, Mr. Hele will be entitled to receive an amount equal to 18 months of base salary payable, except as otherwise required to be deferred for six months under Section 409A of the Code, in equal monthly installments.

(6)

In the case of termination by the Company without cause or by the executive for good reason, Mr. Grandisson will be entitled to receive 12 months of base salary payable in equal monthly installments.

(7)

In the case of termination by the Company without cause or by the executive for good reason, Mr. Lyons will be entitled to receive 12 months of base salary payable, except as otherwise required to be deferred for six months under Section 409A of the Code, in equal monthly installments.

(8)

In the case of termination by the Company without cause or by the executive for good reason, Mr. Hutchings will be entitled to receive 12 months of base salary payable in equal monthly installments.

Table of Contents

Director Compensation

The table below provides information concerning the compensation of the directors for fiscal year 2010. The Company's Board is led by our chairman, Constantine Iordanou, who is also the president and chief executive officer of the Company. Please refer to the "Summary Compensation Table" for Mr. Iordanou's compensation.

Name	Fees Earned or Paid in Cash ($)(1)	Stock Awards ($)(2)	Option Awards ($)	Non-Equity Incentive Plan Compensation ($)	Change in Pension Value and Non-qualified Deferred Compensation Earnings ($)	All Other Compensation ($)	Total ($)
Wolfe "Bill" H. Bragin	119,051	59,949					179,000
John L. Bunce, Jr.	97,051	59,949					157,000
Eric W. Doppstadt	40,000	29,917					69,917
Kewsong Lee	105,051	59,949					165,000
Yiorgos Lillikas	40,000	29,917					69,917
James J. Meenaghan	147,051	59,949					207,000
John M. Pasquesi	101,051	59,949					161,000
Brian S. Posner	40,000	29,917					69,917
John D. Vollaro(3)	650,000					113,164(4)	763,164
Robert F. Works	121,051	59,949					181,000

(1) Each non-employee member of our Board of Directors is entitled to receive an annual cash retainer fee in the amount of $75,000. Each such director may elect to receive this retainer fee in the form of common shares instead of cash. If so elected, the number of shares distributed to the non-employee director would be equal to 100% of the amount of the annual retainer fee otherwise payable divided by the fair market value of our common shares. Each non-employee director also receives a meeting fee of $2,500 for each Board meeting attended and $1,000 for each committee meeting attended. In addition, each non-employee director serving as chairman of the audit committee receives an annual fee of $50,000, and other members of the audit committee receive an annual fee of $25,000. Each non-employee director serving as a chairman of a committee other than the audit committee receives an annual fee of $5,000. Accordingly, this column includes the annual retainer (whether paid in cash or, at the election of the director, in common shares), meeting fees and committee chairman and retainer fees, as applicable. For the 2010-2011 annual period, Messrs. Bragin, Bunce, Lee, Meenaghan, Pasquesi and Works received their annual retainers in the form of 999 common shares. On November 4, 2010, the Board of Directors elected Messrs. Doppstadt, Lillikas and Posner to the Board. The newly-appointed directors received a prorated cash retainer fee in the amount of $37,500 for the 2010-2011 annual period. Mr. Lillikas elected to receive his prorated annual retainer in the form of 418 common shares.

(2) Each year, the non-employee directors are granted a number of restricted shares equal to $60,000 divided by the closing price on the date of grant (*i.e.,* the first day of the annual period of compensation for the non-employee directors), and such shares will vest on the first anniversary of the grant date. The grant date fair value indicated in the table has been calculated in accordance with FASB ASC Topic 718 Compensation Stock Compensation. On May 5, 2010, Messrs. Bragin, Bunce, Lee, Meenaghan, Pasquesi and Works received 799 restricted common shares and, on

43

Table of Contents

November 4, 2010, Messrs. Doppstadt, Lillikas and Posner received 332 restricted common shares equal to $30,000. All of such shares will vest on May 4, 2011.

The aggregate number of share awards outstanding (*i.e.,* unvested) as of December 31, 2010 for each non-employee director (other than Messrs. Doppstadt, Lillikas and Posner) was 799 shares. Messrs. Doppstadt, Lillikas and Posner each had 332 unvested shares. In addition, the aggregate number of option awards outstanding as of December 31, 2010 for each non-employee director was as follows: (a) Kewsong Lee, 3,300 options; (b) James J. Meenaghan, 18,300 options; (c) John M. Pasquesi, 1,016,419 options; and (d) Robert F. Works, 18,000 options. Mr. Pasquesi received share-based awards in connection with his service to the Company in other capacities, including vice chairman. In addition, as of December 31, 2010 Mr. Vollaro had 10,800 unvested common shares and 114,750 outstanding stock options, which were awarded in connection with his service to the Company as chief financial officer. For additional information on ownership of the Company's securities, please refer to "Security Ownership of Certain Beneficial Owners and Management."

(3)

Mr. Vollaro is a senior advisor and an employee of the Company. Mr. Vollaro's employment agreement provides that he receives an annual base salary of $250,000 and a bonus determined by the compensation committee and the Board of Directors for his role as senior advisor of the Company. For 2010, Mr. Vollaro received a cash bonus of $400,000. In addition, Mr. Vollaro serves as chairman of the underwriting and oversight committee and is a member of each of the finance and investment committees of the Board. A description of Mr. Vollaro's employment agreement is included below.

(4)

Includes: (a) $30,185 in contributions to our defined contribution plans, (b) $38,204 in Bermuda payroll tax reimbursements, (c) $16,626 in tax preparation services, (d) $13,545 in club dues and (e) $9,030 in tax gross up payments to reimburse Mr. Vollaro for the payment of taxes for club dues. In addition, includes the payment for life insurance premiums and cash payments made in lieu of pension and matching contributions into the non-qualified deferred compensation plan, which did not exceed the greater of $25,000 or 10% of the total amount of these benefits for Mr. Vollaro.

In addition to the above arrangements, all non-employee directors are entitled to reimbursement for their reasonable out-of-pocket expenses in connection with their travel to and attendance at meetings of the Board of Directors or committees. Directors who are also employees of ACGL or its subsidiaries receive no cash compensation for serving as directors or as members of Board committees. The Company also provides a matching gift program pursuant to which the Company matches eligible contributions by non-employee directors to qualified charitable organizations. During 2010, the Company made an aggregate of approximately $140,250 in matching contributions on behalf of the non-employee directors.

Employment Agreement of John D. Vollaro

In October 2008, ACGL and John Vollaro entered into an employment agreement with a term extending through April 1, 2012. Unless either the Company or Mr. Vollaro provides written notice of their intention not to renew the agreement at least 180 days prior to the expiration of the original term, the employment period will continue on the same terms and conditions for an indefinite period until terminated by either party by providing at least six months' prior written notice to the other party. Pursuant to the agreement, Mr. Vollaro has served as senior advisor of ACGL since April 1, 2009. Mr. Vollaro's base salary will be paid at the rate $250,000 per annum from April 1, 2009 through the remainder of the employment period, and the target rate for the annual cash bonus is 100% of the annual base salary. Mr. Vollaro is eligible to receive annual cash bonuses and share-based awards at the discretion of ACGL's Board of Directors and is also entitled to participate in employee benefits programs such as major medical, life insurance and disability insurance, the cost of preparation of

Table of Contents

annual tax returns and associated tax planning, and other fringe benefits customarily provided to similarly situated senior executives. His agreement also provides that the Company will reimburse him, on an after-tax basis, for his reasonable expenses incurred in traveling between Bermuda and the United States. In addition, Mr. Vollaro is entitled to an amount equal to the excess, if any, of the amount of income and employment taxes payable by him to Bermuda, Connecticut and any other governmental taxing authority over the amount that would have been payable by him had he resided in Connecticut for the entire calendar year.

The agreement provides that if Mr. Vollaro's employment is terminated without cause or for good reason, he will be entitled to receive an amount equal to the sum of the total remaining base salary and target annual bonus which would have been paid to Mr. Vollaro under his employment agreement for the period through the later of (a) the end of the original term of the agreement and (b) six months after the date of termination of employment (the "Severance Amount"). The Severance Amount would be payable over 12 months. The agreement also provides that if Mr. Vollaro's employment is terminated for cause, as a result of his resignation or leaving employment other than for good reason, as a result of death or permanent disability, or by written notice of the intention not to renew the agreement by us or Mr. Vollaro, he (or his estate) will be entitled to receive his base salary through the date of termination. The agreement further provides that if Mr. Vollaro's employment is terminated by reason of death or permanent disability, he (or his estate) will also be entitled to receive for the period extending from April 1, 2009 through the remainder of the employment period, an amount equal to the Severance Amount, in each case, (i) offset by any proceeds received from any insurance coverages provided by the Company, and (ii) such amount, will be paid to him (or his estate) promptly upon death or permanent disability, as applicable, and in no event later than March 15 of the calendar year following the calendar year of such termination of employment. Mr. Vollaro's major medical insurance coverage benefits pursuant to his employment agreement will continue for 12 months after the date of termination (or until he is provided by another employer with benefits substantially comparable, with no pre-existing condition limitations, to the benefits provided by such plan) in the event that (1) his employment ends due to permanent disability, (2) he is terminated other than for cause or (3) he resigns for good reason.

Mr. Vollaro has agreed that, during the employment period and for a period of two years after termination of employment for cause or as a result of his resignation or leaving employment other than for good reason, he will not compete with the businesses of ACGL or any of its subsidiaries as such businesses exist or are in process or being planned as of the date of termination. If we terminate Mr. Vollaro's employment without cause or he terminates for good reason, the term of his non-competition period will extend for one year following termination. Mr. Vollaro also agreed that he will not, for a period of two years following his date of termination, induce or attempt to induce any of our employees to leave his or her position with us or induce any customer to cease doing business with us.

Director Share Ownership Guidelines

In an effort to further align the interests of the non-employee directors with the interests of shareholders, the Company has adopted share ownership guidelines that require the directors to retain common shares having a value of at least three times the annual cash retainer fee payable to the director. Each non-employee director has five years to comply with the guidelines, and stock options, SARs and unvested restricted shares/units do not count toward the requirement.

Table of Contents

Security Ownership of Certain Beneficial Owners and Management

Common Shares

The following table sets forth information available to us as of March 11, 2011 with respect to the ownership of our voting shares by (1) each person known to us to be the beneficial owner of more than 5% of any class of our outstanding voting shares, (2) each director and named executive officer of ACGL and (3) all of the directors and executive officers of ACGL as a group. Except as otherwise indicated, each person named below has sole investment and voting power with respect to the securities shown.

	Common Shares	
Name and Address of Beneficial Owner	**(A) Number of Common Shares Beneficially Owned(1)**	**(B) Rule 13d-3 Percentage Ownership(1)**
Artisan Partners Holdings LP(2) 875 East Wisconsin Avenue, Suite 800 Milwaukee, Wisconsin 53202	5,827,071	13%
Baron Capital Group, Inc.(3) 767 Fifth Avenue New York, New York 10153	3,845,526	8.7
Cascade Investment, L.L.C.(4) 2365 Carillon Point Kirkland, Washington 98033	3,837,033	8.7
BlackRock, Inc.(5) 40 East 52nd Street New York, New York 10022	2,397,222	5.4
Constantine Iordanou(6)	1,124,995	2.5
Wolfe "Bill" H. Bragin(7)	14,532	*
John L. Bunce, Jr.(8)	222,193	*
Eric W. Doppstadt(9)	332	*
Kewsong Lee(10)	155,297	*
Yiorgos Lillikas(11)	750	*
James J. Meenaghan(12)	34,519	*
John M. Pasquesi(13)	1,432,346	3.2
Brian S. Posner(14)	332	*
John D. Vollaro(15)	157,950	*
Robert F. Works(16)	37,018	*
John C.R. Hele(17)	74,468	*
Marc Grandisson(18)	329,979	*
Mark D. Lyons(19)	147,503	*
W. Preston Hutchings(20)		

	103,523	*
All directors and executive officers (16 persons)(21)	3,910,556	8.4

*
Denotes beneficial ownership of less than 1.0%

Table of Contents

(1)

Pursuant to Rule 13d-3 promulgated under the Exchange Act, amounts shown include common shares that may be acquired by a person within 60 days of March [11], 2011. Therefore, column (B) has been computed based on (a) 44,175,762 common shares actually outstanding as of March [11], 2011; and (b) solely with respect to the person whose Rule 13d-3 Percentage Ownership of common shares is being computed, common shares that may be acquired within 60 days of March [11], 2011 upon the (i) exercise of options and (ii) vesting of restricted common share units, in each case, held only by such person. All references to "options" in the above table and the related footnotes include SARs, as applicable.

(2)

Based upon a Schedule 13G/A filed with the SEC on February 11, 2011 jointly by Artisan Partners Holdings LP ("Artisan Holdings"), Artisan Investment Corporation, the general partner of Artisan Holdings ("Artisan Corp"), Artisan Partners Limited Partnership ("Artisan Partners"), Artisan Investments GP LLC, the general partner of Artisan Partners ("Artisan Investments"), ZFIC, Inc, the sole stockholder of Artisan Corp ("ZFIC"), Andrew A. Ziegler, Carlene M. Ziegler and Artisan Funds, Inc. ("Artisan Funds"). Andrew A. Ziegler and Carlene M. Ziegler are the principal stockholders of ZFIC. Artisan Partners is an investment advisor, and Artisan Funds is an investment company. Artisan Holdings is the sole limited partner of Artisan Partners. Artisan Investments is the general partner of Artisan Partners, and Artisan Corp is the general partner of Artisan Holdings. The Schedule 13G/A reported that the common shares have been acquired on behalf of discretionary clients of Artisan Partners, which holds 5,827,071 common shares, including 2,968,441 common shares on behalf of Artisan Funds. In addition, the Schedule 13G/A reported that (a) Artisan Holdings, Artisan Corp, Artisan Partners, Artisan Investments, ZFIC, Andrew A. Ziegler and Carlene M. Ziegler each has shared voting with respect to 5,478,809 common shares and shared dispositive power with respect to 5,827,071 common shares and (b) Artisan Funds has shared voting and dispositive power with respect to 2,968,441 common shares.

(3)

Based upon a Schedule 13G/A filed with the SEC on February 14, 2011 jointly by Baron Capital Group, Inc. ("BCG"), BAMCO, Inc. ("BAMCO"), Baron Capital Management, Inc. ("BCM") and Ronald Baron (collectively, the "Baron Group"). In the Schedule 13G/A, the Baron Group reported that BAMCO and BCM are subsidiaries of BCG, and Ronald Baron owns a controlling interest in BCG. In addition, the Schedule 13G/A reported that (a) BCG has shared voting power with respect to 3,723,456 common shares and shared dispositive power with respect to 3,845,526 common shares, (b) BAMCO has shared voting power with respect to 3,520,700 common shares and shared dispositive power with respect to 3,635,770 common shares, (c) BCM has shared voting power with respect to 202,756 common shares and shared dispositive power with respect to 209,756 common shares and (d) Ronald Baron has shared voting power with respect to 3,723,456 common shares and shared dispositive power with respect to 3,845,526 common shares.

(4)

Based on a Schedule 13G/A filed with the SEC on February 14, 2011 jointly by Cascade Investment, L.L.C. ("Cascade") and William H. Gates III. In the Schedule 13G/A, it is reported that Cascade has sole voting and dispositive power with respect to 3,837,033 common shares. In addition, all common shares held by Cascade may be deemed to be beneficially owned by William H. Gates III as the sole member of Cascade.

(5)

Based on a Schedule 13G/A filed with the SEC on November 9, 2010 by BlackRock, Inc. ("BlackRock"). In the Schedule 13G/A, it is reported that BlackRock has sole voting power and sole dispositive power with respect to 2,397,222 common shares.

(6)

Amounts in columns (A) and (B) reflect (a) 117,585 common shares owned directly by Mr. Iordanou (including 67,500 restricted shares, which are subject to vesting), (b) 114,415 common shares owned by a limited liability company, for which Mr. Iordanou serves as the managing member, (c) 334,119 common shares issuable upon exercise of stock options that are exercisable currently or within 60 days of the date hereof, (d) 536,132 common shares issuable upon exercise of stock options that are exercisable currently or within 60 days of the date hereof, which are held by grantor retained annuity trusts, (e) 7,744 common shares owned by Mr. Iordanou's children and (f) 15,000 restricted common share units, which will be settled in common shares within 60 days of the date hereof. Amounts do not include (a) 40,750 common shares issuable upon exercise of stock options that are not exercisable within 60 days of the date hereof and (b) 17,668 restricted common share units that

Table of Contents

will be settled in common shares after the termination of Mr. Iordanou's employment (or, if earlier, December 31, 2017) as provided in the award agreement. Mr. Iordanou disclaims beneficial ownership of all shares owned by his children.

(7)

Amounts in columns (A) and (B) reflect 14,532 common shares owned directly by Mr. Bragin (including 799 restricted shares, which are subject to vesting).

(8)

Amounts in columns (A) and (B) reflect 222,193 common shares owned directly by Mr. Bunce (including 799 restricted shares, which are subject to vesting).

(9)

Amounts in columns (A) and (B) reflect 332 common shares owned directly by Mr. Doppstadt, which are subject to vesting.

(10)

Amounts in columns (A) and (B) reflect (a) 136,928 common shares owned directly by Mr. Lee, (b) 15,069 common shares (including 799 restricted shares, which are subject to vesting) and (c) 3,300 common shares issuable upon exercise of currently exercisable options, which are held proportionately for the benefit of Warburg Pincus. Mr. Lee disclaims beneficial ownership of shares held for the benefit of Warburg Pincus.

(11)

Amounts in columns (A) and (B) reflect 750 common shares owned directly by Mr. Lillikas (including 332 restricted shares, which are subject to vesting).

(12)

Amounts in columns (A) and (B) reflect (a) 16,219 common shares owned directly by Mr. Meenaghan (including 799 restricted shares, which are subject to vesting) and (b) 18,300 common shares issuable upon exercise of currently exercisable options.

(13)

Amounts in columns (A) and (B) reflect (a) 384,268 common shares owned directly by Otter Capital LLC, for which Mr. Pasquesi serves as the managing member, (b) 10,922 common shares owned directly by Mr. Pasquesi (including 799 restricted shares, which are subject to vesting), (c) 20,737 common shares owned by a trust for which Mr. Pasquesi and his spouse are the trustees and (d) 1,016,419 common shares issuable upon exercise of currently exercisable options. The 384,268 common shares held by Otter Capital LLC are pledged as security.

(14)

Amounts in columns (A) and (B) reflect 332 common shares owned directly by Mr. Posner, which are subject to vesting.

(15)

Amounts in columns (A) and (B) reflect (a) 42,600 common shares owned directly by Mr. Vollaro (including 6,800 restricted shares, which are subject to vesting), (b) 111,350 common shares issuable upon exercise of stock options that are exercisable currently or within 60 days of the date hereof and (c) 4,000 restricted common share units, which will be settled in common shares within 60 days of the date hereof. Amounts do not include 3,400 common shares issuable upon exercise of stock options that are not exercisable within 60 days of the date hereof.

(16)

Amounts in columns (A) and (B) reflect (a) 19,018 common shares owned directly by Mr. Works (including 799 restricted shares, which are subject to vesting) and (b) 18,000 common shares issuable upon exercise of currently exercisable options.

(17)

Amounts in columns (A) and (B) reflect (a) 40,200 common shares owned directly by Mr. Hele, (including 29,332 restricted shares, which are subject to vesting) and (b) 34,268 common shares issuable upon exercise of stock options that are exercisable within 60 days of the date hereof. Amounts do not include 20,932 common shares issuable upon exercise of stock options that are not exercisable within 60 days of the date hereof.

(18)

Amounts in columns (A) and (B) reflect (a) 128,075 common shares owned directly by Mr. Grandisson (including 15,066 restricted shares, which are subject to vesting), (b) 220 common shares owned by his spouse, (c) 198,351 common shares issuable upon exercise of stock options that are exercisable currently or within 60 days of the date hereof and (d) 3,333 restricted common share units, which will be settled in common shares within 60 days of the date hereof. Amounts do not include 9,199 common shares issuable upon

exercise of stock options that are not exercisable within 60 days of the date hereof.

Table of Contents

(19)

Amounts in columns (A) and (B) reflect (a) 26,953 common shares owned directly by Mr. Lyons and (b) 120,550 common shares issuable upon exercise of stock options that are exercisable currently or within 60 days of the date hereof. Amounts do not include (a) 7,866 common shares issuable upon exercise of stock options that are not exercisable within 60 days of the date hereof and (b) 23,950 restricted common share units (including 15,849 restricted common share units, which are subject to vesting), which will be settled in common shares after the termination of Mr. Lyons' employment as provided in the award agreements.

(20)

Amounts in columns (A) and (B) reflect (a) 10,650 common shares owned directly by Mr. Hutchings (including 8,900 restricted shares, which are subject to vesting), (b) 18,389 common shares held by a company which is owned by a family trust, with Mr. Hutchings, his spouse and their children as beneficiaries (the "Trust"), (c) 72,484 common shares issuable upon exercise of stock options that are exercisable currently or within 60 days of the date hereof (56,000 of such stock options have been transferred to the Trust), and (d) 2,000 restricted common share units, which will be settled in common shares within 60 days of the date hereof. Amounts do not include 5,366 common shares issuable upon exercise of stock options that are not exercisable within 60 days of the date hereof.

(21)

In addition to securities beneficially owned by the directors and the named executive officers reflected in the table, includes an aggregate of 74,819 common shares, including common shares issuable upon exercise of stock options that are exercisable currently or within 60 days of the date hereof and restricted common share units, which will be settled in common shares within 60 days of the date hereof, in each case, which are beneficially owned by an additional executive officer who is not a director of ACGL.

Preferred Shares

The following table sets forth information available to us as of March 11, 2011 with respect to the ownership of our non-cumulative preferred shares by (1) each director and named executive officer of ACGL and (2) all of the directors and executive officers of ACGL as a group. Except as otherwise indicated, each person named below has sole investment and voting power with respect to the securities shown. Our preferred shares are not convertible into common shares, and the holders of the preferred shares do not have any voting rights (except under certain limited circumstances). For a description of the terms of our preferred shares, please see note 15, "Share Capital," of the notes accompanying our consolidated financial statements included in our 2010 Annual Report.

	Preferred Shares			
	Series A Preferred Shares		**Series B Preferred Shares**	
Name of Beneficial Owner	**Number of Series A Preferred Shares Beneficially Owned**	**Rule 13d-3 Percentage Ownership**	**Number of Series B Preferred Shares Beneficially Owned**	**Rule 13d-3 Percentage Ownership**
Constantine Iordanou	11,224	*	68,673	*
Wolfe "Bill" H. Bragin	300	*	1,000	*
James J. Meenaghan	4,098	*	7,013	*
W. Preston Hutchings	2,500	*	0	*
All directors and executive officers (16 persons)	18,122	*	76,686	1.5%

*

Denotes beneficial ownership of less than 1.0%

Table of Contents

Section 16(a) Beneficial Ownership Reporting Compliance

Section 16(a) of the Exchange Act requires our directors and executive officers, and persons who own more than 10% of our common shares, to file with the SEC initial reports of beneficial ownership and reports of changes in beneficial ownership of our equity securities. Such persons are also required by SEC regulation to furnish us with copies of all Section 16(a) reports they file. To our knowledge, based solely on a review of the copies of such reports furnished to us and representations that no other reports were required, we believe that all persons subject to the reporting requirements of Section 16(a) filed the required reports on a timely basis during the year ended December 31, 2010, except that: (1) one report was filed late by of Mr. Iordanou covering the purchase of preferred shares through a broker-sponsored dividend reinvestment program and (2) two reports were filed late by Mr. Works covering the purchase of an aggregate of 1,100 common shares.

Certain Relationships and Related Transactions

Generally, transactions with related persons are subject to the review by the Board of Directors of ACGL. The Board of Directors has adopted written procedures regarding the review of transactions involving companies affiliated with funds managed by Warburg Pincus or another company in which a non-employee director of ACGL has a material interest (each a "portfolio company"), on the one hand, and ACGL or one of its subsidiaries, on the other hand.

Under the procedures, these transactions must be reviewed and approved by the management of ACGL or the operating subsidiary entering into the transaction (as applicable), and the terms of such transaction should be arm's-length or on terms that are otherwise fair to ACGL and its subsidiaries. In addition, these transactions also require the approval of ACGL under its holding company oversight guidelines, except for the following: (1) ordinary course transactions pursuant to which any insurance subsidiary of ACGL writes a direct insurance policy for a portfolio company unless a non-U.S. subsidiary will receive $3 million or more in annual premiums and (2) a transaction in which a U.S.-based subsidiary of ACGL (a) assumes reinsurance from, or cedes reinsurance to, a portfolio company or (b) provides direct insurance to a portfolio company pursuant to which such U.S.-based insurance subsidiary of ACGL will receive $3 million or more in annual premiums, in which case, the general counsel of Arch Capital Services Inc. should be pre-notified and appropriate steps will be implemented based on the transaction. In reviewing these proposed transactions, the effects, if any, on the independence of the relevant directors are considered under the governing NASDAQ and SEC standards. Any applicable regulatory, tax and ratings agency matters are also considered. Under these procedures, the Board of Directors is provided with an update of related party transactions entered into by the Company in accordance with the procedures on a regular basis.

Graham B. Collis, a director of certain of our non-U.S. subsidiaries, is partner in the law firm of Conyers Dill & Pearman Limited, which provides legal services to the Company and its subsidiaries.

See also "Compensation Committee Interlocks and Insider Participation" for a description of transactions with certain related persons.

Table of Contents

PROPOSAL 2 ELECTION OF SUBSIDIARY DIRECTORS

Under our bye-law 75, the Boards of Directors of any of our subsidiaries that are incorporated in Bermuda, the Cayman Islands and any other subsidiary designated by our Board of Directors, must consist of persons who have been elected by our shareholders as designated company directors ("Designated Company Directors").

The persons named below have been nominated to serve as Designated Company Directors of our non-U.S. subsidiaries indicated below. Unless authority to vote for a nominee is withheld, the enclosed proxy will be voted for the nominee, except that the persons designated as proxies reserve discretion to cast their votes for other persons in the unanticipated event that the nominee is unable or declines to serve.

Arch Reinsurance Ltd.
Marc Grandisson
Nicolas Papadopoulo
Maamoun Rajeh

Arch Capital Holdings Ltd.
Graham B.R. Collis
John C.R. Hele

Arch Risk Transfer Services Ltd.
Alternative Re Holdings Limited
Alternative Re Limited
Alternative Underwriting Services, Ltd.
Graham B.R. Collis
John C.R. Hele

Arch Insurance Company (Europe) Limited
Dennis R. Brand
Michael H. Kier
Mark D. Lyons
David McElroy
Martin J. Nilsen
Michael Quinn
Paul S. Robotham
Budhi Singh
James R. Weatherstone

Arch Europe Insurance Services Ltd
William E. Beveridge
Knud Christensen
Elizabeth Fullerton-Rome
David W. Hipkin
Paul S. Robotham
Budhi Singh
Angus Watson
James R. Weatherstone

Arch Reinsurance Europe Underwriting Limited
William J. Cooney
Marc Grandisson
Michael A. Greene
Nicolas Papadopoulo
Maamoun Rajeh
Søren Scheuer
Helmut Söhler

Arch Syndicate Investments Ltd
Paul S. Robotham
James R. Weatherstone

Arch Financial Holdings Europe I Limited
Arch Financial Holdings Europe II Limited
Marc Grandisson
Nicolas Papadopoulo
Maamoun Rajeh
Helmut Söhler

Table of Contents

Arch Underwriting at Lloyd's Ltd
William E. Beveridge
Dennis R. Brand
Elizabeth Fullerton-Rome
David W. Hipkin
Michael H. Kier
Martin J. Nilsen
Michael Quinn
Paul S. Robotham
James R. Weatherstone

Arch Financial Holdings B.V.
Rutger H.W. Funnekotter
Wolbert H. Kamphuijs
Søren Scheuer
Helmut Söhler

Arch Underwriting at Lloyd's (Australia) Pty Ltd
William E. Beveridge
Dennis R. Brand
Elizabeth Fullerton-Rome
David W. Hipkin
Michael H. Kier
Mark D. Lyons
Adam Matteson
David McElroy
Martin J. Nilsen
Michael Quinn
Paul S. Robotham
Julian Stroud
James R. Weatherstone

Arch Underwriting at Lloyd's (South Africa) (Proprietary) Limited
William E. Beveridge
Dennis R. Brand
Stephen Fogarty
Elizabeth Fullerton-Rome
David W. Hipkin
Michael H. Kier
Mark D. Lyons
David McElroy
Martin J. Nilsen
Michael Quinn
Paul S. Robotham
Julian Stroud
James R. Weatherstone

Arch Investment Holdings I Ltd.
Arch Investment Holdings II Ltd.
Arch Investment Holdings III Ltd.
Arch Investment Holdings IV Ltd.
Marc Grandisson
Nicolas Papadopoulo
Maamoun Rajeh

Other Non-U.S. Subsidiaries, as Required or Designated Under Bye-Law 75 (except as otherwise indicated in this Proposal 2)
Marc Grandisson
Nicolas Papadopoulo
Maamoun Rajeh

Arch Investment Management Ltd.
Constantine Iordanou
John C.R. Hele
W. Preston Hutchings

Mr. Beveridge, 41, began his career in 1989 working as a broker with Sedgwick Marine and Cargo. In 1995, he joined the Brockbank Syndicate 861 at Lloyd's as an underwriter on the marine hull account. Mr. Beveridge became class hull underwriter in 1998 and was appointed deputy underwriter of the XL London Market Ltd. Syndicate 1209 in 2002. He was responsible for marine and offshore business in Europe and Bermuda at XL London Market. Mr. Beveridge joined Arch Insurance Company (Europe) Limited ("Arch Insurance Europe") in January 2005. He currently sits on the London Market Joint Hull Committee, of which he was chairman from July 2003 to September 2004, and the International Union of Marine Insurers Ocean Hull Committee. He also is a member of the General Committee of Lloyd's Register and has previously sat on the London market Joint War Committee and the Lloyd's Market Association Marine Committee. He is currently a senior vice president at Arch Insurance Europe and the active underwriter for the Company's Lloyd's Syndicate 2012.

Table of Contents

Mr. Brand, 60, joined Arch Insurance Group in 2004 as senior vice president and chief reinsurance officer. He currently serves as senior executive vice president and chief administration officer at Arch Insurance Group where he oversees reinsurance, finance, information technology, actuarial, corporate underwriting, human resources, legal and premium audit departments. Prior to joining Arch, Mr. Brand held positions in insurance first in finance, then in assumed underwriting and ceded reinsurance, as well as serving in various other operational roles in the industry. Mr. Brand has over 20 years reinsurance and executive management experience through positions held at Kemper and Reliance. Mr. Brand holds a B.A. in business from West Virginia University; he has also served in the United States Navy.

Mr. Christensen, 63, joined Arch Insurance Europe in January 2004 as head of operations, and has served as chief administration officer and senior vice president since 2005. Mr. Christensen was human resources director for CNA Insurance Company Europe from 1999 to 2003 in London where he was responsible for the human resources strategy development for the European operations, including branches in Germany, the Netherlands, France and Spain. He also worked for British Petroleum ("BP") between 1988 and 1999 in a number of senior management human resources roles. During this time he was a member of the European Council for BP advising on a number of issues relating to the strategic business development of BP's European organization.

Mr. Collis, 50, has practiced law at Conyers Dill & Pearman Limited in Bermuda since 1992, where he has been a partner since 1995. Mr. Collis obtained a Bachelor of Commerce Degree from the University of Toronto and received his Law Degree from Oxford University in 1985.

Mr. Cooney, 61, has extensive reinsurance broking experience spanning over 30 years in Ireland and the U.K. From 1978 to 2006, he served in various management positions, including managing director, at the Coyle Hamilton International Group Ltd in Dublin (currently part of Willis). During that time, he had executive responsibilities and managed the overall structure, growth and development of the reinsurance division. He also serves on the boards of several Irish companies.

Mr. Fogarty, 47, joined Arch Underwriting at Lloyd's (South Africa) (Proprietary) Limited in 2010 as regional director, South Africa. He started his career in 1984 in Zimbabwe as a broker with CT Bowring and subsequently Sedgwick James. In 1992, Mr. Fogarty joined Willis Faber in Bahrain, then returned to Zimbabwe in 1998 as commercial lines manager for the local AIG operations. From 2002 to 2010, Mr. Fogarty worked in the AIG South African operation where his most recent position was regional property and terrorism manager for Africa. He holds a B.A. degree from the University of Natal, South Africa. He is an associate of the Insurance Institute of South Africa and is a Chartered Insurance Practitioner through the Chartered Insurance Institute of the U.K.

Mrs. Fullerton-Rome, 39, joined Arch Insurance Europe in January 2006 and serves as senior vice president, legal, regulatory and compliance manager. She also serves as compliance officer for the Company's Lloyd's operations and Syndicate 2012. She previously was a senior manager at KPMG, where she worked in the financial services division specialising in Lloyd's, London Market insurance and general insurance from 1998 to 2005. She has a BA, MA (Oxon) from Oxford University, and she is a Qualified Chartered Accountant.

Mr. Funnekotter, 44, is currently a team manager, legal, at Equity Trust Co. N.V. ("Equity Trust") in Amsterdam. He has been in various positions at Equity Trust since 2000. He previously worked as an underwriter and claims manager at Atradius in the Netherlands. He graduated from Aloysius College and Leiden University in the Netherlands.

Mr. Grandisson, 43, has served as chairman and chief executive officer of Arch Worldwide Reinsurance Group, an executive position of ACGL, since November 2005. Prior to November 2005, he served as president and chief executive officer of Arch Re (Bermuda) from February 2005. He served as president and chief operating officer of Arch Re (Bermuda) from April 2004 to February 2005 and as senior vice president, chief underwriting officer and chief actuary of Arch Re (Bermuda) from

Table of Contents

October 2001. From March 1999 until October 2001, Mr. Grandisson was employed as vice president and actuary of the reinsurance division of Berkshire Hathaway. From July 1996 until February 1999, Mr. Grandisson was employed as vice president-director of F&G Re Inc. From July 1994 until July 1996, Mr. Grandisson was employed as an actuary for F&G Re. Prior to that, Mr. Grandisson was employed as an actuarial assistant of Tillinghast-Towers Perrin (now Towers Watson). Mr. Grandisson holds an M.B.A. degree from The Wharton School of the University of Pennsylvania. He is also a Fellow of the Casualty Actuarial Society.

Mr. Greene, 57, is a legal and business consultant and serves on the board of several Irish and U.S. corporations. Up to May 2008, he was a partner since 1983 at A&L Goodbody, a leading Irish law firm. He ran the firm's New York office for three years, was head of the corporate department for four years and served as Chairman of the firm for three years up to June 2005. He also works *pro bono* with the International Bar Association, where he is an officer in the leadership of that organization.

Mr. Hele, 52, has been executive vice president, chief financial officer and treasurer of ACGL since April 1, 2009. Prior to joining us, from April 1, 2007 to March 2009, he has been the chief financial officer and a member of the Executive Board of ING Group. Prior thereto, from February 2006 to April 2007, Mr. Hele was deputy chief financial officer of ING Group and, from October 2003 to January 2006, he was the general manager and chief insurance risk officer of ING Group responsible for global insurance risk management and also served as its group actuary. From 1999 to 2003, he was the chief executive officer of Worldinsure, Bermuda. Previously, from 1988 to 1999, Mr. Hele was an investment banker with Merrill Lynch and also served in marketing and finance positions with its private client division. In addition, from 1980 to 1987, he held various actuarial, finance and business roles at Crown Life. Mr. Hele holds a Bachelor's degree in mathematics from the University of Waterloo and is a Fellow of the Society of Actuaries, a Member of the American Academy of Actuaries and a Fellow of the Canadian Institute of Actuaries.

Mr. Hipkin, 52, joined Arch Insurance Europe in 2005 to develop and manage the marine and energy liability line of business. In July 2008, Mr. Hipkin was appointed chief underwriting officer of Arch Insurance Europe. He has 30 years experience in the insurance industry, and during that time, he worked both as a broker and an underwriter. Immediately prior to joining Arch Insurance Europe, Mr. Hipkin was an executive director of Atrium Underwriters Ltd, the Lloyd's managing agency responsible for the operations of Syndicates 609 and 570. Mr. Hipkin was a member of Lloyd's from 1983 to 1986.

Mr. Hutchings, 54, has served as president of Arch Investment Management Ltd. since April 2006 and senior vice president and chief investment officer of ACGL since July 2005. Prior to joining ACGL, Mr. Hutchings was at RenaissanceRe Holdings Ltd. from 1998 to 2005, serving as senior vice president and chief investment officer. Previously, he was senior vice president and chief investment officer of Mid Ocean Reinsurance Company Ltd. from January 1995 until its acquisition by XL Capital in 1998. Mr. Hutchings began his career as a fixed income trader at J.P. Morgan & Co., working for the firm in New York, London and Tokyo. He graduated in 1978 with a B.A. from Hamilton College and received in 1981 an M.A. in Jurisprudence from Oxford University, where he studied as a Rhodes Scholar.

Mr. Iordanou, 61, has been chairman of the board of ACGL since November 6, 2009 and president and chief executive officer of ACGL since August 2003. He has been a director since January 1, 2002. From January 2002 to July 2003, Mr. Iordanou was chief executive officer of Arch Capital Group (U.S.) Inc. From March 1992 through December 2001, Mr. Iordanou served in various capacities for Zurich Financial Services and its affiliates, including as senior executive vice president of group operations and business development of Zurich Financial Services, president of Zurich-American Specialties Division, chief operating officer and chief executive officer of Zurich-American and chief executive officer of Zurich North America. Prior to joining Zurich, he served as president of the commercial casualty division of the Berkshire Hathaway Group and served as senior vice president with

Table of Contents

the American Home Insurance Company, a member of the American International Group. Since 2001, Mr. Iordanou has served as a director of Verisk Analytics, Inc. (formerly known as ISO Inc.). He holds an aerospace engineering degree from New York University.

Mr. Kamphuijs, 50, is currently a deputy managing director and has held various senior positions at Equity Trust in the Netherlands since 2000. Prior to joining Equity Trust, he was at Fortis Intertrust in Amsterdam in management and senior roles. He is a graduate of Alberdingk Thijm College and the University of Utrecht in the Netherlands.

Mr. Kier, 64, is currently an independent consultant and has over 40 years of experience in the insurance and reinsurance markets. He was a consultant to the Heath Lambert Group in the U.K., having prior to that time served as chairman of the Lloyd's broker, Heath Lambert Ltd. He has extensive management and broking experience, having been chairman of CE Heath Plc and chief executive officer of Fielding & Partners in the U.K. He is also currently a producer/broker consultant to Aon.

Mr. Lyons, 54, has served as chairman and chief executive officer of Arch Worldwide Insurance Group, an executive position of ACGL, and chairman and chief executive officer of Arch Insurance Group since July 2008. Prior thereto, he served as president and chief operating officer of Arch Insurance Group from June 2006. Prior to June 2006, he served as executive vice president of group operations and chief actuary of Arch Insurance Group from August 2003. From August 2002 to 2003, he was senior vice president of group operations and chief actuary of Arch Insurance Group. From 2001 until August 2002, Mr. Lyons worked as an independent consultant. From 1992 to 2001, Mr. Lyons was executive vice president of product services at Zurich U.S. From 1987 until 1992, he was a vice president and actuary at Berkshire Hathaway Insurance Group. Mr. Lyons holds a B.S. degree from Elizabethtown College. He is also an associate of the Casualty Actuarial Society and a member of the American Academy of Actuaries. Mr. Lyons is on the Board of Overseers of the St. John's School of Risk Management & Insurance and is a trustee of Elizabethtown College.

Mr. Matteson, 39, joined Arch Underwriting at Lloyd's (Australia) Pty Ltd, Regional Director, Australasia, in 2009. He started his insurance career as an underwriter in Australia, working for two insurance companies from 1988 through 1998 which are currently part of Allianz and Zurich Financial Services, respectively. In 1998, Mr. Matteson worked as a reinsurance underwriter with Sydney Re (now part of QBE Group), then with Munich Re Australia where he had national responsibility for their property product. He is member of the Branch Executive Committee of the Australian and New Zealand Institute of Insurance and Finance. He is also a member of the Insurance Council of Australia's Property Working Committee and the Strategic Risk Committee.

Mr. McElroy, 52, joined Arch Insurance Group in 2009 as the president of the financial and professional liability group, which is comprised of the executive assurance, professional liability and healthcare lines. Prior to joining Arch Insurance Group, McElroy was a senior vice president at Hartford Financial Services Corporation. He joined Hartford in 2000 from the acquisition of the directors and officers and errors and omissions business of Reliance National. He started his career at Chubb. Mr. McElroy is a graduate of Temple University with a B.A. degree in business administration.

Mr. Nilsen, 61, joined Arch Insurance Group in November 2002 as senior vice president and general counsel, and became secretary in May 2003. Currently, he serves as the group compliance officer. Prior to joining Arch Insurance Group, Mr. Nilsen practiced law with the firm of Edwards Angell Palmer and Dodge LLP from December 1999 to November 2002, as counsel and as partner-in-charge of the New York office. From April 1995 to December 1999, Mr. Nilsen was a partner in the firm of Wilson, Elser, Moskowitz, Edelman & Dicker LLP, in the firm's New York office. Mr. Nilsen was also a partner in the New York firm of Bigham Englar Jones & Houston from January 1994 until April 1995, and practiced law with the firm of LeBoeuf, Lamb, Greene & MacRae LLP from June 1984 until December 1993. From November 1981 until May 1984, Mr. Nilsen was associated

Table of Contents

with the firm of Trubin Sillcocks Edelman & Knapp in New York. From August 1978 to November 1981, he was a member of the Continental Insurance Companies' law department in New York, where he was counsel, and from October 1975 to August 1978, he was an attorney with Lawyers Title Insurance Corporation. Mr. Nilsen holds B.A. and J.D. degrees from St. John's University.

Mr. Papadopoulo, 48, has served as president and chief executive officer of Arch Re (Bermuda) since November 2005. Prior to November 2005, he served as chief underwriting officer of Arch Re (Bermuda) from October 2004. He joined Arch Re (Bermuda) in December 2001 as a senior property underwriter. Prior to that time, he held various positions at Sorema N.A. Reinsurance Group, a U.S. subsidiary of Groupama from 1990, including executive vice president and chief underwriting officer since 1997. Prior to 1990, Mr. Papadopoulo was an insurance examiner with the Ministry of Finance, Insurance Department, in France. Mr. Papadopoulo graduated from École Polytechnique in France and École Nationale de la Statistique et de l'Administration Economique in France with a masters degree in statistics. He is also a member of the International Actuarial Association and a Fellow at the French Actuarial Society.

Mr. Quinn, 69, is a partner at Crobern Management Partnership, an investment company specializing in the healthcare sector. Since 1992, he has also served as chairman, as well as a director of Myerson L.L.C., a manufacturer of dentures and related products, since 2002. From 1997 to 2002, he was president, chief executive officer and a director of Austenal Inc., which manufactures products and systems used in the manufacture of dental prosthetics. From 1992 to 1997, he was a director, chairman and chief executive officer of International Medical Specialties, a marketer and distributor of medical specialty products. Mr. Quinn also served as president and chief executive officer of Southam Graphics Ltd. from 1987 to 1992. From 1963 to 1987, Mr. Quinn held various positions at Baxter International Inc.

Mr. Rajeh, 40, has served as the chief underwriting officer of Arch Re (Bermuda) since November 2005. He joined Arch Re (Bermuda) in 2001 as an underwriter. From 1999 to 2001, Mr. Rajeh served as assistant vice president at HartRe, a subsidiary of The Hartford Financial Services Group, Inc. Mr. Rajeh also served in several business analysis positions at the United States Fidelity and Guarantee Company between 1992 and 1996 and as an underwriter at F&G Re from 1996 to 1999. He has a B.S. from The Wharton School of Business of the University of Pennsylvania, and he is a Chartered Property Casualty Underwriter.

Mr. Robotham, 46, has been senior vice president and chief financial officer of Arch Insurance Europe since October 2005. Mr. Robotham joined Coopers & Lybrand in 1986 where he qualified as a chartered accountant in 1989. His insurance career began in 1990, when he joined the finance team at Hiscox Syndicates until 1994. He served as finance director of a Lloyds' insurance broker until 1996, when he joined Odyssey Re as head of U.K. Reporting. From 2000 until joining Arch Insurance Europe, he served as chief financial officer of Zurich Corporate Solutions at Zurich Insurance Company. He has a joint honors degree in accounting and economics from Bangor University. Mr. Robotham serves on the Accounts Taxation and Solvency Committee of the International Underwriting Association of London.

Mr. Scheuer, 47, has served as general manager of Arch Re Accident & Health ApS ("Arch Re Denmark") in Denmark since September 2010. Prior to that time he served as chief executive officer of Arch Reinsurance Europe Underwriting Limited in Dublin from June 2008 and as general manager of Arch Re Denmark from May 2007. Before joining Arch Re Denmark, he served as general manager of Danish Re from October 2000 to May 2007 and was responsible for accident & health business worldwide. Prior to that time, he held various positions at the International Division of ReliaStar Reinsurance Group (now ING ReliaStar) from 1991, including managing director of the Danish Branch since 1997. Prior to 1991, Mr. Scheuer worked as an actuarial assistant at the largest Danish life and pension company, Statsanstalten for Livsforsikring. Mr. Scheuer graduated from the University of Copenhagen in Denmark with a masters degree in actuarial science. He is also a member of the International Actuarial Association and a Fellow at the Danish Actuarial Society.

Table of Contents

Mr. Singh, 49, joined Arch Insurance Europe in October 2005 as actuary and chief risk officer. He has more than 20 years experience in the insurance industry. Prior to joining Arch Insurance Europe and for the period from April 2004 to September 2005, Mr. Singh was director of risk and capital planning with ACE European Group Ltd. Mr. Singh joined ACE European Group Ltd in May 2001 as the chief actuary. For the period August 1998 to May 2001, Mr. Singh was head of customer risk management and GI Actuary for Lloyds TSB Bank. Mr. Singh is a Fellow of the Institute of Actuaries and holds a BSc from Southampton University.

Mr. Söhler, 52, has served as president and chief executive officer of Arch Re Europe in Dublin since September 2010. Prior to that time, he served as president and chief executive officer of the Swiss Branch of Arch Re Europe since December 2008. From October 2006 to December 2008, he served as the president and chief executive officer of the Swiss Branch of Arch Re (Bermuda). Prior to 2006, he held various positions at Executive Boards of the Gothaer Group, a German mutual based in Cologne from 1998. Prior to 1998, Mr. Söhler worked for more than 10 years for Kölnische Rück (today part of General Re) in various underwriting and management positions. Mr. Söhler has a degree in business administration from Hamburg University.

Mr. Stroud, 52, is currently president of Arch International Services Inc. He joined Arch Insurance Group as a senior vice president in February 2009, having previously served as the worldwide property manager at the New York head office of AIU (now Chartis). He began his career in London in 1981 as a commercial property underwriter and underwriting manager for Cigna before moving to Reliance in 1991. In 1996, Mr. Stroud became the worldwide property manager for Reliance in New York. He joined AIU in 2001and held senior positions, including responsibility for worldwide management of the commercial lines property portfolio. Mr. Stroud holds a BA(hons) in economics and geography from the University of London.

Mr. Watson, 46, serves as senior vice president and head of claims and operations for Arch Insurance Europe. He joined Arch Insurance Europe in March 2005 as head of claims. He has over 18 years of experience handling claims in the insurance industry. Prior to joining Arch Insurance Europe, he held various claims management positions, including head of claims, at Hiscox Insurance Company in the U.K. between 1999 and 2006. From 1993 to 1996, Mr. Watson also served in a variety of claims management roles at Chubb Insurance Company of Europe.

Mr. Weatherstone, 44, has been president and chief executive officer of Arch Insurance Europe since May 2008. Prior to that time, he served as chief underwriting officer and senior vice president of Arch Insurance Europe since March 2007. On joining Arch Insurance Europe in 2005, he was originally appointed as vice president and manager of executive assurance. Prior to Arch Insurance Europe, Mr. Weatherstone was employed by XL Capital Ltd from 1992 until 2005 where he held various roles, including deputy underwriter of Syndicate 861/1209 at Lloyd's and director of Brockbank Syndicate Management Ltd. In 2002, he was responsible for establishing the London branch of XL Europe Ltd for the purpose of writing executive assurance and professional liability business. Prior to XL Capital, he worked as a financial lines underwriter with the Merrett Group and as a broker with Willis Ltd. Mr. Weatherstone is an associate of the Chartered Insurance Institute and a graduate in Economics & History from Exeter University.

Required Vote

The affirmative vote of a majority of the voting power of all of our common shares represented at the annual general meeting will be required for the election of Designated Company Directors.

Recommendation of the Board of Directors

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE "FOR" THE ELECTION OF THE DESIGNATED COMPANY DIRECTORS INDICATED ABOVE.

Table of Contents

PROPOSAL 3 APPROVAL OF AN AMENDMENT TO THE MEMORANDUM OF ASSOCIATION TO EFFECT A THREE-FOR-ONE COMMON SHARE SPLIT

The Proposal

The Company's Board of Directors is recommending that you vote to amend the Company's Memorandum of Association ("Memorandum") by sub-dividing the authorized common shares of the Company to effect a three-for-one split of the Company's common shares ("share split"). Subject to shareholder approval, all common shares issued as of the close of business on May , 2011, including treasury shares, will represent three common shares for each common share owned as of that date. The share split will also change the Company's authorized common shares from the current 200,000,000 common shares, U.S. $.01 par value, to 600,000,000 common shares, U.S. $.0033 par value.

The Board of Directors and management believe that an increase in the number of issued common shares resulting from the share split would place the market price of the common shares in a more accessible trading range that would be increasingly attractive to investors, particularly individuals, as well as existing and prospective employees.

As is currently the case, the Company intends to use the authorized but unissued common shares for general corporate purposes. These general corporate purposes could include acquisitions, equity financings, other share distributions, and grants of SARs, options and other share rights, all as deemed necessary or advisable by the Board of Directors. The Company has no present plans, understandings, agreements or arrangements for the issuance of these common shares for any of these general corporate purposes, other than the grant of share-based awards in the ordinary course of business. If shareholders approve the proposal, the Company will have additional authorized but unissued common shares that may be issued in the future by the Board of Directors of the Company, without the necessity of any further shareholder action, except to the extent otherwise required by applicable law, regulations or the rules of any stock exchange or other market system on which the Company's securities may then be listed. Any additional common shares, when issued, will have the same rights and preferences as the common shares presently outstanding.

Principal Effects of the Share Split

If the proposed amendment is approved, the record date for the share split will be May , 2011. All common shares issued as of the close of business on May , 2011, including treasury shares, will represent three common shares for each common share owned as of that date. If you are a shareholder of record on such date, you will be entitled to receive two additional common shares for each common share you hold. Following this date, share certificates for shares of par value US $.01 will be deemed to represent the post-split number of shares of par value U.S. $.0033. We expect to credit shareholders' accounts with the additional shares on or before May , 2011.

Shareholders will not pay, and the Company will not receive, any payment or other consideration for the additional fully paid common shares that will result, or the adjustments that will be made, pursuant to the share split. The share split will not dilute the aggregate voting power, or economic value, of any common shares held by shareholders as of the effective date of the share split. The proposed share split will not affect our preferred shares.

The proposed increase in the authorized number of common shares that would result from the share split could, in some situations, also have the effect of discouraging unsolicited takeover attempts and may limit the opportunity for shareholders to dispose of their shares at the higher price generally available in takeover attempts or that may be available under a merger proposal. The share split is not part of any plan by the Company to recommend anti-takeover measures, and the Board is not aware of any attempts to take control of the Company.

Table of Contents

Under the terms of the Company's issued share-based awards, including restricted shares, restricted share units, SARs and options, when the share split becomes effective, the number of common shares underlying these awards will be proportionately increased and the exercise price per common share for the SARs and options will be proportionately reduced. Specifically, the number of common shares underlying the SARs and options will be increased to three times the number currently underlying them and the exercise price per common share for the SARs and options will be decreased to one-third of the pre-share split exercise price. In addition, the number of common shares reserved for future issuance under the Company's equity-based compensation plans will be proportionately increased.

Tax Effects of the Share Split

The Company has been advised that the proposed share split will result in no gain or loss or realization of taxable income to owners of common shares under existing U.S. federal income tax laws.

The tax basis of each common share held immediately before the share split will be allocated pro rata between the original share and the new common shares distributed with respect to the original share. Each new share will be deemed to have the same holding period as the original share with respect to which the new share was issued. The laws of jurisdictions other than the United States may impose income taxes on the issuance of the additional shares and shareholders are urged to consult their own tax advisors.

Required Vote

The affirmative vote of a majority of the voting power of all of our common shares represented at the annual general meeting will be required for the proposed amendment to our Memorandum.

Recommendation of the Board of Directors

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE "FOR" THE PROPOSED AMENDMENT TO OUR MEMORANDUM OF ASSOCIATION TO EFFECT A THREE-FOR-ONE COMMON SHARE SPLIT.

Table of Contents

PROPOSAL 4 APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The audit committee of the Board of Directors proposes and recommends that the shareholders appoint the firm of PricewaterhouseCoopers LLP to serve as independent registered public accounting firm of ACGL for the year ending December 31, 2011. PricewaterhouseCoopers LLP has served as ACGL's independent registered public accounting firm from our inception in June 1995 to the present. Unless otherwise directed by the shareholders, proxies will be voted for the appointment of PricewaterhouseCoopers LLP to audit our consolidated financial statements for the year ending December 31, 2011. A representative of PricewaterhouseCoopers LLP will attend the annual general meeting and will have an opportunity to make a statement and respond to appropriate questions.

Principal Auditor Fees and Services

The following summarizes the fees billed to us by PricewaterhouseCoopers LLP for professional services rendered in 2010 and 2009, except that "Audit Fees" also includes amounts incurred but not yet billed:

	2010	2009
Audit Fees(1)	$ 3,973,438	$ 4,099,384
Audit Related Fees(2)	149,059	60,265
Tax Fees(3)	688,997	869,808
All Other Fees(4)	121,162	16,319
	$ 4,932,656	$ 5,045,776

(1) "Audit Fees" consisted primarily of fees for the integrated audit of our annual financial statements and internal control over financial reporting, review of our financial statements included in our quarterly reports on Form 10-Q, statutory audits for our insurance subsidiaries and review of SEC registration statements.

(2) "Audit Related Fees" consisted of the audit of the Company's benefit plans and other audit services, which, in 2010, primarily related to International Financial Reporting Standards.

(3) "Tax Fees" consisted primarily of fees for tax compliance, tax advice and tax planning.

(4) "All Other Fees" consisted of fees related to regulatory reporting in 2010 and a compensation survey and for the licensing of an accounting research software tool in 2010 and 2009.

The audit committee has considered whether the provision of these services is compatible with maintaining PricewaterhouseCoopers LLP's independence. The audit committee approves all audit and permissible non-audit services performed for us by PricewaterhouseCoopers LLP, our independent registered public accounting firm. Prior to engagement, the audit committee pre-approves these services by category of service. The fees are budgeted and the audit committee requires the independent registered public accounting firm and management to report actual fees compared to the budget periodically throughout the year by category of service. During the year, circumstances may arise when it may become necessary to engage the independent registered public accounting firm for additional services not contemplated in the original pre-approval. In those instances, the audit committee requires specific pre-approval before engaging the independent registered public accounting firm. The audit committee delegates pre-approval authority to one or more of its independent members. To the extent applicable, the member to whom such authority is delegated reports, for informational purposes only, any pre-approval decisions to the audit committee at its next scheduled meeting.

Table of Contents

Required Vote

The affirmative vote of a majority of the voting power of all of our common shares represented at the annual general meeting will be required for the appointment of PricewaterhouseCoopers LLP as the Company's independent registered public accounting firm for the year ending December 31, 2011.

Recommendation of the Board of Directors

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE "FOR" THE APPOINTMENT OF PRICEWATERHOUSECOOPERS LLP AS THE COMPANY'S INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR THE YEAR ENDING DECEMBER 31, 2011.

Table of Contents

PROPOSAL 5 ADVISORY VOTE ON EXECUTIVE COMPENSATION

The recently enacted Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the "Dodd-Frank Act") allows our shareholders to vote to approve, on an advisory (non-binding) basis, the compensation of our named executive officers as disclosed in this proxy statement in accordance with SEC rules.

We have a "pay-for-performance" philosophy that forms the foundation of all decisions regarding compensation of our named executive officers. This compensation philosophy, and the compensation programs approved by the compensation committee of our Board of Directors, is central to our ability to attract, retain and motivate individuals who can achieve superior results. Our approach has resulted in our ability to attract and retain the executive talent necessary to guide us during all phases of the underwriting cycle.

We are requesting shareholder approval of the compensation of our named executive officers pursuant to the compensation disclosure rules of the SEC, including the "Compensation Discussion and Analysis," the compensation tables and any related material disclosed in this proxy statement. This vote is not intended to address any one specific item of compensation, but instead the overall compensation of our named executive officers and the policies and practices described in this proxy statement.

This vote is advisory and therefore not binding on the Company, the compensation committee of the Board of Directors or the Board. The Board and the compensation committee value the views of our shareholders and, to the extent there is any significant vote against the named executive officer compensation as disclosed in this proxy statement, we will consider those shareholders' concerns and will evaluate whether any actions are necessary to address those concerns.

Recommendation of the Board of Directors

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE "FOR" THE APPROVAL OF THE COMPENSATION OF THE COMPANY'S NAMED EXECUTIVE OFFICERS AS DISCLOSED IN THIS PROXY STATEMENT PURSUANT TO THE COMPENSATION DISCLOSURE RULES OF THE SEC.

Table of Contents

PROPOSAL 6 ADVISORY VOTE ON FREQUENCY OF HOLDING FUTURE ADVISORY VOTES ON EXECUTIVE COMPENSATION

The Dodd-Frank Act also allows our shareholders to vote, on an advisory (non-binding) basis, on how frequently they would like to cast an advisory vote on the compensation of our named executive officers as disclosed in accordance with the compensation disclosure rules of the SEC. By voting on this proposal, shareholders may indicate whether they would prefer an advisory vote on named executive officer compensation every year, every other year or every third year.

After careful consideration of the alternatives, the Board believes that conducting an advisory vote on executive compensation on an annual basis is appropriate for the Company and its shareholders at this time. The Board will carefully consider the outcome of the vote when making future decisions regarding the frequency of advisory votes on executive compensation. However, because this vote is advisory and not binding, the Board may decide that it is in the best interests of the Company and its shareholders to hold an advisory vote more or less frequently than the alternative that has been selected by our shareholders.

Recommendation of the Board of Directors

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE FOR THE APPROVAL OF AN ANNUAL ADVISORY VOTE ON THE COMPENSATION OF THE COMPANY'S NAMED EXECUTIVE OFFICERS.

Table of Contents

SHAREHOLDER PROPOSALS FOR THE 2012 ANNUAL GENERAL MEETING

All proposals of security holders intended to be presented at the 2012 annual general meeting of shareholders must be received by the Company not later than November , 2011 for inclusion in our proxy statement and form of proxy relating to the 2012 annual general meeting. Upon timely receipt of any such proposal, we will determine whether or not to include such proposal in the proxy statement and proxy in accordance with applicable regulations and provisions governing the solicitation of proxies. Proposals should be addressed to the Secretary, Arch Capital Group Ltd., Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda.

For any proposal that is not submitted for inclusion in next year's proxy statement (as described in the preceding paragraph) but is instead sought to be presented directly at next year's annual general meeting, the rules of the SEC permit management to vote proxies in its discretion if we do not receive notice of the proposal on or before February , 2012. Notices of intention to present proposals at next year's annual general meeting should be addressed to the Secretary, Arch Capital Group Ltd., Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda.

In addition, our bye-laws provide that any shareholder desiring to make a proposal or nominate a director at an annual general meeting must provide written notice of such proposal or nomination to the Secretary of the Company at least 50 days prior to the date of the meeting at which such proposal or nomination is proposed to be voted upon (or, if less than 55 days' notice of an annual general meeting is given, shareholder proposals and nominations must be delivered no later than the close of business of the seventh day following the day notice was mailed). Our bye-laws require that notices of shareholder proposals or nominations set forth the following information with respect to each proposal or nomination and the shareholder making such proposal or nomination: (a) the name and address of the shareholder who intends to make the nomination and of the person or persons to be nominated; (b) a representation that the shareholder is a holder of record of our common shares entitled to vote at such meeting and intends to appear in person or by proxy at the meeting to nominate the person or persons specified in the notice; (c) a description of all arrangements or understandings between the shareholder and each such nominee and any other person or persons (naming such person or persons) pursuant to which the nomination or nominations are to be made by the shareholder; (d) such other information regarding each nominee proposed by such shareholder as would have been required to be included in a proxy statement filed pursuant to the proxy rules of the SEC had each such nominee been nominated, or intended to be nominated, by the Board of Directors; and (e) the consent of each such nominee to serve as a director of ACGL if so elected.

A shareholder proponent must be a shareholder of the Company who was a shareholder of record both at the time of giving of notice and at the time of the meeting and who is entitled to vote at the meeting.

Shareholders are entitled to receive, upon written request and without charge, a copy of our Annual Report on Form 10-K for the year ended December 31, 2010. Please direct such requests to Secretary, Arch Capital Group Ltd., Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda.