

Core-Mark Holding Company, Inc.
Form DEF 14A
April 09, 2012

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 R

Filed by a party other than the Registrant o

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material under Rule 14a-12

Core-Mark Holding Company, Inc.

(Name of Registrant as Specified In Its Charter)

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

Payment of Filing Fee (Check the appropriate box):

- No fee required
- 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.

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:

Core-Mark Holding Company, Inc.
395 Oyster Point Blvd., Suite 415
South San Francisco, California 94080
www.Core-Mark.com

April 9, 2012

Dear Fellow Stockholders:

The Board of Directors of Core-Mark Holding Company, Inc. (“Core-Mark”) invites you to attend Core-Mark’s 2012 Annual Meeting of Stockholders (the “Annual Meeting”) to be held at 10:30 a.m. PDT on Tuesday, May 22, 2012 at the Hyatt Regency San Francisco Airport Hotel, 1333 Bayshore Highway, Burlingame, California 94010. You will find directions to the Annual Meeting on the back cover of the accompanying Proxy Statement.

The Notice of Annual Meeting and Proxy Statement describe the matters to be acted upon at the Annual Meeting.

Your vote is important. Whether or not you plan to attend the Annual Meeting in person, we encourage you to vote so that your shares will be represented and voted at the Annual Meeting. You may vote by proxy, by telephone, over the internet or by completing and mailing the enclosed proxy card in the return envelope provided. If you do not vote by mail, telephone or via the internet, you still may attend the Annual Meeting and vote in person.

Thank you for your continued support of Core-Mark.

Sincerely,

Randolph I. Thornton
Director and Chairman of the Board

J. Michael Walsh
President, Chief Executive Officer and Director

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS

Core-Mark Holding Company, Inc.
395 Oyster Point Blvd., Suite 415
South San Francisco, California 94080

April 9, 2012

The 2012 Annual Meeting of Stockholders of Core-Mark Holding Company, Inc. (“Core-Mark”) will be held as follows:

DATE: Tuesday, May 22, 2012
TIME: 10:30 a.m. PDT
LOCATION: Hyatt Regency San Francisco Airport Hotel, 1333 Bayshore Highway, Burlingame, California 94010
PURPOSE: To consider and act upon the following proposals:
1. The election of eight (8) directors;
2. The approval of an advisory resolution to approve executive compensation;
3. The ratification of the appointment of Deloitte & Touche LLP as Core-Mark’s independent registered public accounting firm for the fiscal year ending December 31, 2012; and
4. Such other business as may properly come before the Annual Meeting.

Shares represented by properly executed proxies that are hereby solicited by the Board of Directors of Core-Mark will be voted in accordance with the instructions specified therein. Shares represented by proxies that are not limited to the contrary will be voted in favor of the election as directors of the persons nominated in the accompanying Proxy Statement and in favor of Proposals 2 and 3.

Stockholders of record at the close of business on March 26, 2012 are entitled to vote at the Annual Meeting.
By order of the Board of Directors,

Gregory Antholzner
Vice President — Finance, Treasurer and Secretary

It is important that your shares be represented and voted, whether or not you plan to attend the Annual Meeting.

YOU CAN CAST YOUR VOTE BY ANY OF THE FOLLOWING METHODS:

1. BY MAIL:

Promptly return your signed and dated proxy/voting instruction card in the enclosed envelope.

2. BY TELEPHONE:

You may vote by telephone by calling 1-800-560-1965.

3. BY USING THE INTERNET:

You may vote via the internet at www.eproxy.com/core.

4. IN PERSON:

You may attend the Annual Meeting and vote in person.

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE
STOCKHOLDER
ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON MAY 22, 2012

Core-Mark's Proxy Statement, form of Proxy Card and 2011 Annual Report on Form 10-K are available at
<http://www.core-mark.com/investor-sec.htm>.

Table of Contents

<u>GENERAL INFORMATION</u>	1
<u>Proxy Solicitation</u>	1
<u>Stockholders Entitled to Vote</u>	1
<u>How to Vote</u>	1
<u>Revocation of Proxies</u>	1
<u>Quorum</u>	2
<u>Required Vote</u>	2
<u>Other Matters</u>	2
<u>Additional Information</u>	2
<u>Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to be held on May 22, 2012</u>	2
<u>OWNERSHIP OF CORE-MARK COMMON STOCK</u>	2
<u>Securities Owned by Certain Beneficial Owners</u>	2
<u>SECTION 16(A) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE</u>	4
<u>PROPOSAL 1: ELECTION OF DIRECTORS</u>	5
<u>NOMINEES FOR DIRECTOR</u>	5
<u>BOARD OF DIRECTORS</u>	7
<u>Board of Directors</u>	7
<u>Committees of the Board of Directors</u>	7
<u>Audit Committee</u>	7
<u>Compensation Committee</u>	8
<u>Nominating and Corporate Governance Committee</u>	8
<u>Special Committees</u>	8
<u>Board, Committee and Annual Meeting Attendance</u>	8
<u>Risk Assessment</u>	9
<u>Director Compensation</u>	9
<u>Director Compensation Table</u>	10
<u>Certain Relationships and Related Transactions</u>	10
<u>Transactions with Directors and Management</u>	10
<u>Compensation Committee Interlocks and Insider Participation</u>	10
<u>Indemnification Agreements</u>	11
<u>Family Relationships</u>	11
<u>Corporate Governance</u>	11
<u>Corporate Governance Guidelines and Principles</u>	11
<u>The Committee's Role and Responsibilities</u>	11
<u>Director Independence</u>	11
<u>Roles of the Chairman and the Chief Executive Officer</u>	11
<u>Board Evaluation and Continuing Education</u>	12
<u>Policy Regarding Change in Principal Employment of Director</u>	12
<u>Mandatory Retirement for Directors</u>	12
<u>Director Nomination Process</u>	12
<u>Director Nomination by Stockholders</u>	13
<u>Business Conduct and Compliance</u>	13
<u>Executive Sessions</u>	13
<u>Succession Planning</u>	13
<u>Communication with Directors</u>	13
<u>Stock Ownership Guidelines</u>	14

OUR EXECUTIVE OFFICERS

<u>PROPOSAL 2: ADVISORY RESOLUTION TO APPROVE EXECUTIVE COMPENSATION</u>	<u>17</u>
<u>COMPENSATION DISCUSSION AND ANALYSIS</u>	<u>18</u>
<u>Overview</u>	<u>18</u>
<u>Objectives of Our Compensation Program</u>	<u>18</u>
<u>What We Reward</u>	<u>18</u>
<u>Elements of Executive Compensation</u>	<u>19</u>
<u>How We Determine and What We Paid our Named Executive Officers</u>	<u>19</u>
<u>Base Salary</u>	<u>19</u>
<u>Annual Cash Incentive Bonus</u>	<u>20</u>
<u>Long-Term Equity Incentive Compensation</u>	<u>22</u>
<u>Executive Severance Plan</u>	<u>24</u>
<u>Group Life, Accidental Death & Dismemberment and Short- and Long-Term Disability Insurance</u>	<u>24</u>
<u>Other Perquisites</u>	<u>24</u>
<u>Compensation Consultants</u>	<u>24</u>
<u>Change of Control Matters</u>	<u>25</u>
<u>Risk</u>	<u>25</u>
<u>Tax and Accounting Considerations</u>	<u>25</u>
<u>Other Considerations</u>	<u>25</u>
<u>COMPENSATION COMMITTEE REPORT</u>	<u>26</u>
<u>COMPENSATION OF NAMED EXECUTIVES</u>	<u>26</u>
<u>Summary Compensation Table</u>	<u>27</u>
<u>Grants of Plan-Based Awards</u>	<u>28</u>
<u>Outstanding Equity Awards at Fiscal Year-End</u>	<u>29</u>
<u>Option Exercises and Stock Vested</u>	<u>29</u>
<u>Potential Payments Upon Termination or Change- In-Control</u>	<u>30</u>
<u>Severance Policy</u>	<u>30</u>
<u>Retirement</u>	<u>30</u>
<u>Change of Control</u>	<u>30</u>
<u>Potential Post-Employment Payments to Named Executive Officers</u>	<u>32</u>
<u>Tabular Presentation of Potential Post-Employment Payments</u>	<u>32</u>
<u>REPORT OF THE AUDIT COMMITTEE</u>	<u>33</u>
<u>PROPOSAL 3: RATIFICATION OF SELECTION OF INDEPENDENT REGISTERED PUBLIC</u>	<u>34</u>
<u>ACCOUNTING FIRM</u>	<u>34</u>
<u>Auditor Fees</u>	<u>34</u>
<u>Pre-Approval of Audit and Non-Audit Services</u>	<u>34</u>
<u>STOCKHOLDER PROPOSALS FOR 2013 ANNUAL MEETING</u>	<u>35</u>
<u>Requirements for Stockholder Proposals to be Considered for Inclusion in Core-Mark’s Proxy</u>	<u>35</u>
<u>Materials</u>	<u>35</u>
<u>Requirements for Stockholder Proposals to be Brought Before the Annual Meeting</u>	<u>35</u>
<u>DIRECTIONS TO THE HYATT REGENCY SAN FRANCISCO AIRPORT HOTEL</u>	<u>Back Cover</u>

PROXY STATEMENT

2012 ANNUAL MEETING OF STOCKHOLDERS

Tuesday, May 22, 2012

CORE-MARK HOLDING COMPANY, INC.

395 Oyster Point Blvd., Suite 415

South San Francisco, California 94080

GENERAL INFORMATION

Proxy Solicitation

These proxy materials are being mailed or otherwise sent to stockholders of Core-Mark Holding Company, Inc. (“Core-Mark” or the “Company”) on or about April 9, 2012 in connection with the solicitation of proxies by the Board of Directors for Core-Mark’s Annual Meeting of Stockholders to be held at 10:30 a.m. PDT on Tuesday, May 22, 2012 at the Hyatt Regency San Francisco Airport Hotel, 1333 Bayshore Highway, Burlingame, California 94010. Core-Mark pays the cost of soliciting your proxy. Directors, officers and other Core-Mark employees also may solicit proxies by telephone or otherwise, but will not receive compensation for such services. Brokers and other nominees will be requested to solicit proxies or authorizations from beneficial owners and will be reimbursed by Core-Mark for their reasonable expenses.

Stockholders Entitled to Vote

Stockholders of record at the close of business on March 26, 2012 are entitled to notice of and to vote at the meeting. As of such date, there were 11,398,703 shares of Core-Mark common stock outstanding, each entitled to one vote.

How to Vote

Stockholders of record described below may cast their votes by:

- (1) signing, completing and returning the enclosed proxy card in the enclosed postage-paid envelope;
- (2) calling 1-800-560-1965;
- (3) accessing the internet at www.eproxy.com/core; or
- (4) attending the Annual Meeting and voting in person.

If your shares are held in a stock brokerage account or by a bank or other holder of record, you are considered the “beneficial owner” of shares held in street name. As the beneficial owner, you have the right to direct your broker, bank or other holder of record on how to vote your shares by using the voting instructions form included in the mailing.

Revocation of Proxies

A proxy may be revoked at any time before it is voted by delivering written notice of revocation to the Director of Investor Relations of Core-Mark at the address set forth above, by delivering a proxy bearing a later date or by voting in person at the meeting.

Quorum

The holders of a majority of the shares entitled to vote at the meeting must be present in person or represented by proxy to constitute a quorum. Abstentions and shares that brokers do not have the discretionary authority to vote on a matter in the absence of timely instructions from the beneficial owners (broker non-votes) are treated as present for the purposes of determining a quorum.

Required Vote

Election of Directors — Our bylaws require that each director in an uncontested election be elected by the vote of the majority of the votes cast with respect to such director. A majority of the votes cast means that the number of shares voted “for” a director must exceed the number of votes cast “against” that director. Abstentions and broker non-votes will not be counted as votes cast and, accordingly, will have no effect on the outcome of the vote. If the stockholders do not elect a nominee who is serving as a director, Delaware law provides that the director would continue to serve on the Board as a “holdover director.” In accordance with our bylaws and our Policy Regarding Election of Directors, such a holdover director will be required to tender his or her resignation to the Board of Directors. Our Nominating and Corporate Governance Committee will then make a recommendation to our Board of Directors on whether to accept or reject the resignation, or whether other action should be taken. Our Board of Directors will consider the Nominating and Corporate Governance Committee’s recommendation and all other relevant factors, act on the resignation and publicly disclose its decision and the reasons for its decision within 90 days of the date that the results of the election are certified.

Approval of executive compensation — Advisory resolution to approve executive compensation (Proposal 2) requires the affirmative vote of a majority of the shares present in person or represented by proxy at the meeting and entitled to vote. In determining whether Proposal 2 has received the requisite number of affirmative votes, abstentions are treated as shares present or represented and entitled to vote, so abstaining has the same effect as a vote against Proposal 2. Broker non-votes on Proposal 2 are not counted or deemed present or represented for purposes of determining whether stockholders have approved that proposal.

Ratification of Appointment of Accountants — Ratification of the selection of Deloitte & Touche LLP as our independent registered public accounting firm (Proposal 3) requires the affirmative vote of a majority of the shares present in person or represented by proxy at the meeting and entitled to vote. Under Delaware law, in determining whether Proposal 3 has received the requisite number of affirmative votes, abstentions are treated as shares present or represented and entitled to vote, so abstaining has the same effect as a vote against Proposal 3. Under New York Stock Exchange (NYSE) rules, which govern brokers even if they hold NASDAQ securities, the ratification of the appointment of an independent registered accounting firm is considered a “routine” matter, and brokers generally may vote on behalf of beneficial owners who have not furnished voting instructions, subject to the rules of the NYSE concerning transmission of proxy materials to beneficial owners, and subject to any proxy voting policies and procedures of those brokerage firms.

Other Matters

The Board of Directors is not aware of any matters to be presented at the meeting other than those set forth in the accompanying notice. If any other matters properly come before the meeting, the persons named in the proxy will vote on such matters in accordance with their best judgment.

Additional Information

Additional information regarding the Company appears in our Annual Report on Form 10-K for the year ended December 31, 2011, which accompanies this Proxy Statement.

Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to be held on May 22, 2012

Core-Mark's Proxy Statement, form of Proxy Card and 2011 Annual Report on Form 10-K are available at <http://www.core-mark.com/investor-sec.htm>.

OWNERSHIP OF CORE-MARK COMMON STOCK

Securities Owned by Certain Beneficial Owners

The following table sets forth certain information as of March 26, 2012 regarding the beneficial ownership of shares of our common stock by: (i) each person or entity known to us to be the beneficial owner of more than 5% of our common stock; (ii) each

of our named executive officers; (iii) each member of our Board of Directors; and (iv) all members of our Board of Directors and executive officers as a group.

Except as otherwise noted below, each of the following individuals' address of record is c/o Core-Mark Holding Company, Inc., 395 Oyster Point Boulevard, Suite 415, South San Francisco, California 94080.

Beneficial ownership is determined in accordance with the rules of the U.S. Securities and Exchange Commission ("SEC"). In computing the number of shares beneficially owned by a person and the percentage ownership of that person, shares of common stock issuable upon the exercise of stock options or warrants or the conversion of other securities held by that person that are currently exercisable or convertible, or are exercisable or convertible within 60 days of March 26, 2012, are deemed to be issued and outstanding. These shares, however, are not deemed outstanding for the purposes of computing percentage ownership of each other stockholder. Unless otherwise indicated below, to our knowledge, the persons and entities named in the table have sole voting and sole investment power with respect to all shares beneficially owned.

Name and Address of Beneficial Owner	Securities Beneficially Owned	
	Shares of Common Stock Beneficially Owned	Percentage of Common Stock Outstanding
Principal Securityholders:		
Advisory Research, Inc. ^[1]	1,444,406	12.7%
Dimensional Fund Advisors, L.P. ^[2]	864,082	7.6%
Wynnefield Capital Management, LLC ^[3]	705,600	6.2%
BlackRock, Inc. ^[4]	618,676	5.4%
Directors and Named Executive Officers:		
J. Michael Walsh ^[5]	131,230	1.1%
Stacy Loretz-Congdon ^[5]	49,656	*
Thomas B. Perkins ^[6]	53,645	*
Christopher L. Walsh ^[5]	67,211	*
Scott E. McPherson ^[5]	50,106	*
Robert A. Allen ^[6]	13,724	*
Stuart W. Booth ^[6]	18,114	*
Gary F. Colter ^[6]	9,614	*
Robert G. Gross	5,035	*
L. William Krause ^[6]	9,614	*
Harvey L. Tepner ^[6]	14,155	*
Randolph I. Thornton ^[6]	23,744	*
All directors and executive officers as a group (15 persons)	498,433	4.3%

* Represents beneficial ownership of less than 1%.

The address of Advisory Research, Inc. is 180 N. Stetson Avenue, Suite 5500, Chicago, IL, 60601. Share [1] amounts listed are derived from Piper Jaffray Companies' Schedule 13G filing with the SEC on February 14, 2012.

The address of Dimensional Fund Advisors, L.P. is Palisades West, Building One, 6300 Bee Cave Road, Austin, [2] TX 78746. Share amounts listed are derived from Dimensional Fund Advisors, L.P.'s Schedule 13G/A filing with the SEC on February 14, 2012.

[3] The address of Wynnefield Capital Management, LLC is 450 Seventh Avenue, Suite 509, New York, New York 10123. Shares represent those owned by Wynnefield Partners Small Cap Value, L.P., Wynnefield Small Cap Value Offshore Fund, Ltd., Wynnefield Partners Small Cap Value, L.P. I, Wynnefield Capital Management LLC, Wynnefield Capital, Inc. Profit Sharing Plan, and Wynnefield Capital, Inc. Mr. Nelson Obus and Mr. Joshua Landes exercise voting and investment control over such shares and may be deemed to beneficially own the shares.

3

[4] The address of BlackRock, Inc. is 40 East 52nd Street, New York, New York 10022. Share amounts listed are derived from BlackRock, Inc.'s Schedule 13G/A filing with the SEC on February 13, 2012.

[5] Includes beneficial ownership of aggregate options and restricted stock units held by such individual and exercisable within 60 days of March 26, 2012 into the following amount of shares: Mr. J.M. Walsh — 24,331, Mrs. Loretz-Congdon — 15,394, Mr. Perkins — 24,560, Mr. Walsh — 24,331, Mr. McPherson — 24,591.

[6] Includes beneficial ownership of aggregate options held by such individual and exercisable within 60 days of March 26, 2012 in the amount of 5,742 shares for each of Mr. Allen, Mr. Colter, Mr. Krause, Mr. Tepner, and Mr. Thornton, and 13,242 shares for Mr. Booth.

SECTION 16(A) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE

Section 16(a) of the Securities Exchange Act of 1934 requires our directors, executive officers and beneficial owners of more than 10% of Core-Mark's equity securities ("10% Owners") to file initial reports of their ownership of Core-Mark's equity securities and reports of changes in such ownership with the SEC. The Company prepares and files the Section 16(a) reports for its directors and executive officers. We believe that for 2011, all of our directors, executive officers and 10% Owners were in compliance with the disclosure requirements of Section 16(a).

PROPOSAL 1. ELECTION OF DIRECTORS

The current Board of Directors is made up of eight directors, each of whose term expires at the 2012 Annual Meeting. The following directors have been nominated for re-election to serve for a term of one year until the 2013 Annual Meeting and until their successors have been duly elected and qualified:

Robert A. Allen
Stuart W. Booth
Gary F. Colter
Robert G. Gross
L. William Krause
Harvey L. Tepner
Randolph I. Thornton
J. Michael Walsh

All of the nominees for election have consented to being named in this Proxy Statement and to serve if elected. Presented below is biographical information for each of the nominees.

The Board of Directors recommends that stockholders vote FOR the election of Messrs. Allen, Booth, Colter, Gross, Krause, Tepner, Thornton and Walsh.

NOMINEES FOR DIRECTOR

Robert A. Allen, 62, has served as a Director of Core-Mark since August 2004. Mr. Allen was Acting Chief Operating Officer of the Fleming Companies, Inc. from March 2003 to April 2003. From 1998 to 2003, Mr. Allen served as the President and Chief Executive Officer of Core-Mark International, Inc. and President and Chief Operating Officer of Core-Mark International, Inc. from 1996 to 1998. Mr. Allen received a Bachelor of Arts degree from the University of California at Berkeley. Mr. Allen was nominated to serve on the Board of Core-Mark principally based upon his extensive experience in the wholesale distribution industry and his significant knowledge of the Company, its operations and its history due to his prior service as Chief Executive Officer of Core-Mark International, Inc.

Stuart W. Booth, 61, has served as a Director of Core-Mark since August 2005. Mr. Booth is employed by Central Garden & Pet Company, a leading innovator, marketer and producer of quality branded products for the lawn and garden and pet supplies market, as a strategic and financial advisor. Mr. Booth was Chief Financial Officer of Central Garden & Pet Company from January 2002 to September 2009 and from January 2010 to December 2010. During 2001, Mr. Booth served as the Chief Financial Officer of RespondTV, Inc., an interactive television infrastructure and services company. From 1998 to 2000, Mr. Booth was Principal Vice President and Treasurer of Bechtel Group, Inc., an engineering, construction and project management firm. From 1975 to 1998, Mr. Booth served in various financial positions at Pacific Gas & Electric Company and related entities, including as a principal financial officer for financial operations, acquisitions and divestitures at PG&E Enterprises. Mr. Booth received a Bachelor of Arts degree in economics from California State University, Chico, and a Masters of Business Administration degree from California State University, San Francisco. Mr. Booth was nominated to serve on the Board of Core-Mark principally based upon his significant financial and accounting knowledge and his experience as a Chief Financial Officer of both public and private companies.

Gary F. Colter, 66, has served as a Director of Core-Mark since August 2004. Mr. Colter has been employed principally by CRS Inc., a corporate restructuring and strategy management consulting company since 2002 and currently serves as its President. Prior to that time, Mr. Colter was employed by KPMG, serving as: Vice Chairman of KPMG Canada from 2001 to 2002; Managing Partner — Global Financial Advisory Services and Member International

Executive Team of KPMG International from 1998 to 2000; Vice Chairman — Financial Advisory Services, Chairman and Chief Executive Officer of KPMG Inc. and on the Management Committee of KPMG Canada from 1989 to 1998; and Partner of KPMG Canada and its predecessor, Peat Marwick, from 1975 to 2002. Mr. Colter is a member of the Board of Directors of Canadian Imperial Bank of Commerce (“CIBC”), Owens-Illinois, Inc. and Revera, Inc. In addition, Mr. Colter serves as the Chair of the Governance Committee and a member of the Audit Committee at CIBC, the Chair of the Audit Committee and a member of the Governance Committee of Revera, Inc., and a member of the Audit Committee and Governance Committee at Owens-Illinois, Inc. Mr. Colter received a Bachelor of Arts degree in business administration from the Ivey Business School of the University of Western Ontario. Mr. Colter is a Fellow Chartered Accountant (“FCA”) (Canada). Mr. Colter was nominated to serve on the Board of Core-Mark principally based upon his significant financial and accounting knowledge, the insight he provides from his experience as a restructuring and strategy management consultant and his long and distinguished experience as a partner in a Big 4 accounting firm.

Robert G. Gross, 54, has served as Director of Core-Mark since October 2011. Mr. Gross is the Chairman and Chief Executive Officer of Monro Muffler Brake Inc., an undercar service provider headquartered in Rochester, New York. Prior to joining Monro Muffler Brake Inc. in 1999, Mr. Gross was Chairman and Chief Executive Officer of Tops Appliance City, Inc., a consumer electronics and appliance retailer from 1995 to 1998. Mr. Gross also held various management positions at Eye Care Centers of America beginning in 1990. Mr. Gross has a B.S. in Finance and a Masters in Business Administration from the University of Buffalo. Mr. Gross was nominated to serve on the Board because he brings more than twenty years of multi-retail experience, an outstanding record in successful capital allocation and proven experience at creating shareholder value.

L. William Krause, 69, has served as a Director of Core-Mark since August 2005. Mr. Krause presently serves as President of LWK Ventures, a private investment firm, a position he has held since 1991. Mr. Krause served as Chairman of the Board of Caspian Networks, Inc., a high performance networking systems provider, from April 2002 to September 2006 and as CEO from April 2002 until June 2004. From September 2001 to February 2002, Mr. Krause was Chairman and Chief Executive Officer of Exodus Communications, Inc., which he guided through Chapter 11 Bankruptcy to a sale of assets. He also served as President and Chief Executive Officer of 3Com Corporation, a global data networking company, from 1981 to 1990, and as its Chairman from 1987 to 1993 when he retired. Presently, Mr. Krause serves on the Board of Directors of Brocade Communications Systems, Inc., Coherent, Inc., and CommScope, Inc. Mr. Krause also served as a director of Packeteer, Inc. from March 2001 to June 2008, Pinnacle Systems, Inc. from 1999 to 2005, Sybase, Inc. from 1995 to 2010, and TriZetto Group, Inc. from July 2005 to August 2008. Mr. Krause received a Bachelor of Science degree in electrical engineering from The Citadel. Mr. Krause was nominated to serve on the Board of Core-Mark principally based upon his significant experience running large public companies and the valuable insight he brings from his service on the boards of other public companies (both past and present).

Harvey L. Tepner, 55, has served as a Director of Core-Mark since August 2004 and is on the Board of the Post Confirmation Trust of the Fleming Companies. Mr. Tepner is a Principal of WL Ross & Co. LLC, a private equity and alternative investment fund manager (and a subsidiary of Invesco Ltd., a public mutual fund and asset management company), having joined WL Ross in February 2008. From 2002 to 2008, Mr. Tepner was a Partner at Compass Advisers, LLP in charge of the investment banking restructuring practice. Prior to that time, Mr. Tepner was a Managing Director of Loeb Partners Corporation from 1995 to 2002, and prior to Loeb, Mr. Tepner served as an officer in the corporate finance departments of Dillon, Read & Co. Inc. and Rothschild Inc. Mr. Tepner began his career with Price Waterhouse in Canada and is a Chartered Accountant (“CA”) (Canada) and previously worked for Price Waterhouse in Canada. Mr. Tepner received a Bachelor of Arts degree from Carleton University and a Masters of Business Administration degree from Cornell University. Mr. Tepner was nominated to serve on the Board of Core-Mark based upon his knowledge of the Company and the wholesale distribution industry, his significant financial and accounting knowledge and the insight he provides from his experience restructuring and advising companies regarding strategic matters as an investment banker.

Randolph I. Thornton, 66, has served as a Director and Chairman of the Board of Directors of Core-Mark since August 2004 and is on the Board of the Post Confirmation Trust of the Fleming Companies. Mr. Thornton has served as the President and Chief Executive Officer of Comdisco Holding Company, Inc. since August 2004. From May 1970 to February 2004, Mr. Thornton was employed by Citigroup, Inc., most recently serving as a managing director until his retirement from Citigroup, Inc. in February 2004. Mr. Thornton is a member of the Board of Directors of Comdisco Holding Company, Inc. Mr. Thornton received a Bachelor of Arts degree in history from Lafayette College and a Master of Business Administration degree from Columbia Business School. Mr. Thornton was nominated to serve on the Board of Core-Mark principally based upon his extensive financial and accounting knowledge gained from his time with Citigroup and his experience both as a chief executive and as a member of the board of other companies.

J. Michael Walsh, 64, has served as our President and Chief Executive Officer since March 2003 and as a Director since August 2004. From October 1999 to March 2003, Mr. Walsh served as our Executive Vice President — Sales. From April 1991 to January 1996, Mr. Walsh was a Senior Vice President — Operations and was Senior Vice President — U.S. Distribution from January 1996 to October 1999. Before joining Core-Mark, Mr. Walsh served as the Senior Vice President — Operations of Food Services of America. Mr. Walsh received a Bachelor of Science degree in industrial engineering from Texas Tech University and a Master of Business Administration degree from Texas A&M at West Texas. Mr. Walsh was nominated to serve on the Board of Core-Mark principally based upon the Board's belief that management should have a direct voice on the Board and due to Mr. Walsh's long experience with the Company and the distribution industry.

BOARD OF DIRECTORS

Board of Directors

Our bylaws provide that the size of the Board of Directors shall be determined from time to time by our Board of Directors. Our Board of Directors currently consists of eight members. Each of our executive officers and directors, other than non-employee directors, devotes his or her full time to our affairs. Our non-employee directors devote the amount of time to our affairs as necessary to discharge their duties. All of our non-employee directors are independent within the meaning of the rules of the NASDAQ Global Market and collectively constitute a majority of our Board of Directors.

Committees of the Board of Directors

Pursuant to our bylaws, our Board of Directors is permitted to establish committees from time to time as it deems appropriate. To facilitate independent director review and to make the most effective use of our Directors' time and capabilities, our Board of Directors has established the following committees: the Audit Committee, the Compensation Committee and the Nominating and Corporate Governance Committee. The charter of each such committee is available on our website at <http://www.core-mark.com/investor-corp.gov.htm>. Printed copies of these charters may be obtained, without charge, by contacting the Director of Investor Relations, Core-Mark Holding Company, Inc., 395 Oyster Point Blvd., Suite 415, South San Francisco, California 94080, telephone 650-589-9445.

The following table summarizes the current membership of the Board and each of its committees:

Name	Board of Directors	Audit Committee	Compensation Committee	Nominating and Corporate Governance Committee
Robert A. Allen	X		X	X
Stuart W. Booth	X	Chairman		
Gary F. Colter ^[1]	X	X		Chairman
Robert G. Gross ^[2]	X	X	X	
L. William Krause	X		Chairman	X
Harvey L. Tepner	X	X		X
Randolph I. Thornton ^[3]	Chairman		X	X
J. Michael Walsh	X			

[1] Served as a member of the Compensation Committee until December 31, 2011.

[2] Joined the Audit and Compensation Committees on October 17, 2011.

[3] Served as a member of the Audit Committee until March 8, 2012.

The membership and functions of each committee are described below.

Audit Committee

The Audit Committee provides assistance to the Board of Directors in fulfilling its legal and fiduciary obligations in matters involving our accounting, auditing, financial reporting, internal control and legal compliance functions. The Audit Committee reviews our financial statements, our filings with the Securities and Exchange Commission, the effectiveness of our internal control functions and prepares the Audit Committee report required under the rules of the Securities and Exchange Commission. In addition, the Audit Committee approves the services performed by our independent accountants and reviews their reports regarding our accounting practices and systems of internal

accounting controls. The Audit Committee also oversees the audit efforts of our independent accountants and takes those actions as it deems necessary to satisfy itself that the accountants are independent of management. The Audit Committee was established in accordance with Section 3(a)(58)(A) of the Exchange Act and currently consists of Stuart W. Booth, Gary F. Colter, Robert G. Gross, and Harvey L. Tepner, each of whom is a non-employee member of our Board of Directors and is independent within the meaning of the rules of the NASDAQ Global Market and relevant federal securities laws and regulations. Mr. Booth is currently the Chairman of the Audit Committee, and he, Mr. Colter, Mr. Gross and

7

Mr. Tepner qualify as audit committee financial experts as defined under Securities and Exchange Commission rules. We believe the composition of our Audit Committee meets the criteria for independence under, and the functioning of our Audit Committee complies with the applicable requirements of, the Sarbanes-Oxley Act of 2002, the relevant federal securities laws and regulations and the current rules of the NASDAQ Global Market.

Compensation Committee

The Compensation Committee reviews and approves the Company's overall management compensation philosophy, objectives and policies. The Compensation Committee establishes and reports to the Board of Directors regarding performance goals, including annual and long-term, for our CEO and other executive officers. The Compensation Committee also reviews and determines salaries, bonuses, and all other compensation incentive programs annually for our CEO and executive officers and makes recommendations to the Board of Directors regarding such programs. In addition, the Compensation Committee administers our equity incentive plans and reviews and determines equity-based compensation for our directors, officers and employees, and prepares the Compensation Committee report required under the rules of the SEC. Under its charter, the Compensation Committee may delegate any such responsibilities to one or more subcommittees of the Compensation Committee to the extent permitted by applicable law and the applicable rules of the NASDAQ Global Market. The current members of the Compensation Committee are L. William Krause, Robert A. Allen, Robert G. Gross, and Randolph I. Thornton, each of whom is a non-employee member of our Board of Directors and independent within the meaning of the rules of the NASDAQ Global Market. Mr. Krause is currently the Chairman of the Compensation Committee. In addition to meeting the independence requirements, we believe the functions of our Compensation Committee complied with all other applicable rules and requirements of the NASDAQ Global Market.

Nominating and Corporate Governance Committee

The Nominating and Corporate Governance Committee is responsible for making recommendations to the Board of Directors regarding candidates for directorships and the size and composition of the Board of Directors. In addition, the Nominating and Corporate Governance Committee is responsible for overseeing our corporate governance guidelines and reporting and making recommendations to the Board of Directors concerning corporate governance matters. The current members of the Nominating and Governance Committee are Gary F. Colter, Robert A. Allen, L. William Krause, Harvey L. Tepner and Randolph I. Thornton and are each independent within the meaning of the rules of the NASDAQ Global Market. Mr. Colter is currently the Chairman of the Nominating and Corporate Governance Committee. In addition to meeting the independence requirements, we believe the functions of our Nominating and Corporate Governance Committee complied with all other applicable rules and requirements of the NASDAQ Global Market.

Special Committees

From time to time our Board of Directors forms special committees made up of one or more directors to aid the Board in carrying out its roles and responsibilities. Such committees often examine issues of interest to the Board and the Company and report their findings back to the full Board.

Board, Committee and Annual Meeting Attendance

For the year ended December 31, 2011, the Board and its audit, compensation and governance committees held the following aggregate number of meetings:

Board of Directors ^[1]	7
Audit Committee	8

Compensation Committee	4
Nominating and Corporate Governance Committee	4

[1] Includes special and regularly scheduled meetings.

Each of our directors attended 100% of the total number of the meetings of the Board and of the committees indicated in the table above on which he served during the year.

The Board has adopted a policy pursuant to which directors are expected to attend the Annual Meeting of Stockholders in the absence of a scheduling conflict or other valid reason. All of the members of our Board at such time attended the 2011 Annual Meeting.

8

Risk Assessment

The Audit Committee reviews the Company's policies with respect to risk assessment and risk management related to financial reporting matters. Such reviews include discussions with management and the independent auditor regarding any significant risks or exposures the Company faces and an assessment of the steps management has taken to minimize such risks. The Audit Committee reports any material findings or concerns to the full Board.

The Board of Directors reviews the Company's policies with respect to risk assessment and risk management for the Company as a whole. Such reviews include discussions with management regarding any significant risks or exposures the Company faces and an assessment of the steps management has taken to minimize such risks. The Board reviews the identified risks and determines the appropriate action, including but not limited to further analysis, a change in Company policy or other appropriate response.

Director Compensation

We reimburse the members of our Board of Directors for reasonable expenses in connection with their attendance at Board and committee meetings. Standard annual compensation for our non-employee directors for 2011 was comprised of a cash component and an equity component. The cash component consisted of an annual retainer, retainers for Committee Chairs and the Chairman of the Board and a fee for each Board, regular committee and special committee meeting attended. The equity component consisted of an annual grant of restricted stock units.

The following table lists the standard annual elements of non-employee director cash and equity compensation for 2011:

Compensation Component	2011 Compensation
Annual Board retainer ^[1]	\$40,000
Annual Board Chairman retainer ^[1]	\$50,000
Annual Committee Chairman retainer ^[1]	Audit Committee — \$20,000
	Compensation Committee — \$10,000
	Nominating and Corporate Governance Committee — \$10,000
Board and Committee meeting fee	\$1,500 per meeting
Restricted stock units	Annual grant with a fair value of \$39,989 ^[2]

The annual Board retainer, annual Board Chairman retainer and the annual Committee Chairman retainers are

[1] paid in equal quarterly installments. Mr. Gross' cash payments were pro-rated to reflect 2.5 months of service on the Board and Committees during 2011.

During 2011, each non-employee director received a grant of 1,172 restricted stock units under our 2010

[2] Long-Term Incentive Plan. These restricted stock units fully vested on January 1, 2012. Mr. Gross did not receive the annual grant in 2011 because he did not join the Board until October 2011.

In addition, when a new non-employee director is appointed to the Board it is the Company's standard practice to issue 7,500 options to the director in order to help align the long-term interests of the director with those of the Company's stockholders. One-third of such options vest one year from the date of grant, with the remaining two-thirds vesting in equal quarterly installments based upon a regular calendar period over the following two years. Mr. Gross received a grant of 7,500 options upon his appointment to the Board in October 2011.

The following table summarizes all compensation awarded to our non-employee directors in 2011:

Director Compensation Table

Name	Fees Earned or Paid in Cash (\$)	Stock Awards (\$) ^[1]	Total (\$)
Robert A. Allen	\$62,500 ^[2]	\$39,989	\$102,489
Stuart W. Booth	\$82,500 ^[3]	\$39,989	\$122,489
Gary F. Colter	\$84,500 ^[4]	\$39,989	\$124,489
Robert G. Gross	\$11,333 ^[5]	\$65,073	\$76,406
L. William Krause	\$72,500 ^[6]	\$39,989	\$112,489
Harvey L. Tepner	\$68,500 ^[7]	\$39,989	\$108,489
Randolph I. Thornton	\$124,500 ^[8]	\$39,989	\$164,489

[1] The directors (except Robert Gross) were each granted 1,172 restricted stock units on January 19, 2011 at an aggregate fair value at date of grant of \$39,989. Robert Gross was granted 7,500 options on October 17, 2011 at an aggregate fair value of \$65,073.

[2] Consists of: \$40,000 Board retainer and attendance at 15 meetings (at \$1,500 per meeting).

[3] Consists of: \$40,000 Board retainer, \$20,000 Audit Committee Chair retainer and attendance at 15 meetings (at \$1,500 per meeting).

[4] Consists of: \$40,000 Board retainer, \$10,000 Nominating and Corporate Governance Committee Chair retainer and attendance at 23 meetings (at \$1,500 per meeting).

[5] Consists of: \$8,333 Board retainer (\$40,000 pro-rated for 2.5 months), and attendance at 2 meetings (at \$1,500 per meeting).

[6] Consists of: \$40,000 Board retainer, \$10,000 Compensation Committee Chair retainer and attendance at 15 meetings (at \$1,500 per meeting).

[7] Consists of: \$40,000 Board retainer and attendance at 19 meetings (at \$1,500 per meeting).

[8] Consists of: \$40,000 Board retainer, \$50,000 Board Chairman retainer and attendance at 23 meetings (at \$1,500 per meeting).

Certain Relationships and Related Transactions

Transactions with Directors and Management

Under our Code of Business Conduct and Ethics, all transactions involving a conflict of interest (including transactions between the Company and an entity in which an officer, director, employee or family member has more than a 1% interest) must be disclosed to and discussed with the applicable Division President or our Chief Financial Officer. This policy specifically applies without limitation to purchases of goods or services by or from related parties or entities in which the related person has a material interest, indebtedness, or guarantees of indebtedness. Our Audit Committee Charter provides that the Audit Committee shall review, discuss and approve or disapprove any transactions or courses of dealing between the Company or its subsidiaries and related parties that exceed \$100,000 in any calendar year and any transactions or course of dealing, regardless of amount, between the Company or its

subsidiaries and related parties who are executive officers, directors or significant stockholders. In determining whether to approve or ratify a related party transaction or relationship, the Audit Committee will take into account, among other factors it deems appropriate, whether the transaction is on terms no less favorable than terms generally available to an unaffiliated third party under the same or similar circumstances and the extent of the related party's interest in the transaction.

Compensation Committee Interlocks and Insider Participation

Mr. Robert A. Allen, one of our directors and a member of the Compensation Committee, previously served as the Acting Chief Operating Officer of the Fleming Companies, Inc. (a predecessor entity) from March 2003 to April 2003. From 1998 to 2003, Mr. Allen served as the President and Chief Executive Officer of Core-Mark International, Inc. (subsidiary and predecessor entity) and President and Chief Operating Officer of Core-Mark International, Inc. from 1996 to 1998. Mr. Allen ended his employment with the Company in 2003 and the Board of Directors has determined Mr. Allen to be a non-employee director and independent within the meaning of the rules of the NASDAQ Global Market and relevant federal securities laws and regulations.

Indemnification Agreements

We have entered into indemnification agreements with each of our directors and executive officers. We believe that these agreements are necessary to attract and retain qualified persons as directors and executive officers. These agreements require us to indemnify these individuals to the fullest extent permitted under Delaware law against liabilities that may arise by reason of their service to us, and to advance expenses incurred as a result of any proceeding against them as to which they could be indemnified. We also intend to enter into indemnification agreements with our future directors and executive officers.

Family Relationships

The only family relationship between any of the executive officers or directors is J. Michael Walsh is Christopher L. Walsh's uncle.

Corporate Governance

Core-Mark regularly reviews its policies, processes and procedures in the area of corporate governance to ensure that it is in compliance with all applicable rules and regulations and that it has sound governance policies in place.

Corporate Governance Guidelines and Principles

The Board has adopted Corporate Governance Guidelines and Principles that are posted on our corporate website, www.core-mark.com, under "Investor Relations". The Corporate Governance Guidelines set forth the practices the Board follows with respect to, among other things, Director qualifications and nominations, Director responsibilities, executive sessions of the Board, committee functions, Director access to senior managers and independent advisors, Director compensation, Director orientation and continuing education, management succession and Board performance evaluations.

The Committee's Role and Responsibilities

Primary responsibility for Core-Mark's corporate governance practices rests with the Nominating and Corporate Governance Committee (the "Governance Committee"). The Governance Committee is responsible for, among other things, (i) identifying, screening and reviewing individuals qualified to serve as directors and recommending candidates for nomination for election or to fill vacancies; (ii) overseeing our policies and procedures for the receipt of stockholder suggestions regarding Board composition and recommendations of candidates or nomination of candidates by the Board; (iii) developing, recommending and overseeing implementation of our corporate governance guidelines and principles; and (iv) reviewing on a regular basis our overall corporate governance practices and procedures and recommending improvements when necessary. Described below are some of the significant corporate governance practices that have been instituted by our Board of Directors at the recommendation of the Governance Committee.

Director Independence

The Governance Committee reviews the independence of all Directors annually and reports its findings to the full Board. The Governance Committee has determined that each of the non-employee Directors is independent within the meaning of the rules of the NASDAQ Global Market and relevant federal securities laws and regulations.

Roles of the Chairman and the Chief Executive Officer

Although the Governance Committee has not adopted a formal policy regarding the separation of the roles of Chairman of the Board and Chief Executive Officer of the Company, the Governance Committee believes that the current separation of Chairman and CEO roles is beneficial to the Company as it helps to ensure an independent Board and allows management (including the CEO) to focus on the significant task of running the day to day operations of the Company. While the Governance Committee believes that the CEO should serve as a member of the Board to provide for a direct voice of management during Board deliberations and to serve as an important source of knowledge and experience regarding the Company's operations, the Governance Committee believes the combination of the role of CEO with Chairman could distract the CEO from his primary roles as leader of the Company's nationwide and Canadian business. In addition, the Governance Committee believes a non-management Chairman helps to ensure the independent operation of the Board when conflicts may occur between the interests of the overall Company and the interests of management.

Board Evaluation and Continuing Education

The Board of Directors has adopted a policy whereby the Governance Committee will assist the Board and its committees in evaluating their performance and effectiveness on an annual basis. As part of this evaluation, the Governance Committee assesses the progress in the areas targeted for improvement a year earlier and develops recommendations to enhance the respective Board or committee effectiveness over the next year. The Governance Committee also assists the Board and its members regarding continuing education initiatives designed to help Board members stay current with developments in corporate governance and director best practices. The Governance Committee has established procedures for a formal orientation program and the continuing education of directors and the tracking of participation in such activities.

Policy Regarding Change in Principal Employment of Director

The Board has adopted a policy providing that when a Director's principal employment or business association changes substantially during his or her tenure as a Director, the Director must offer his or her resignation to the Chairman of the Governance Committee for consideration by the Governance Committee. The Governance Committee will review whether it would be appropriate for the Director to continue serving on the Board and recommend to the Board whether, in light of the circumstances, the Board should accept the proposed resignation or request that the Director continue to serve.

Mandatory Retirement for Directors

The Board has adopted a policy whereby a person may not be nominated or re-nominated to serve as a Director if such person is 72 years of age or older on the date of the proposed meeting for the election of directors. The policy expressly provides that it may be waived with respect to the re-nomination of a Director upon the recommendation of the Governance Committee and approval of the Board.

Director Nomination Process

The Governance Committee reviews the skills, characteristics and experience of potential candidates for election to the Board of Directors and recommends nominees to the full Board for approval. In addition, the Governance Committee annually assesses the overall composition of the Board of Directors regarding factors such as size, composition, diversity, skills, significant experience and time commitment to Core-Mark to determine if the Board composition adequately meets the current needs of the Company.

It is the Governance Committee's policy to utilize a variety of means to identify prospective nominees for the Board, and it considers referrals from other Board members, management, stockholders and other external sources such as retained executive search firms. The Governance Committee utilizes the same criteria for evaluating candidates irrespective of their source.

The Governance Committee believes that any nominee must meet the following minimum qualifications:

- Candidates should be persons of high integrity who possess independence, forthrightness, inquisitiveness, good judgment and strong analytical skills.

- Candidates should demonstrate a commitment to devote the time required for Board duties including, but not limited to, attendance at meetings.

-

Candidates should possess a team-oriented ethic consistent with Core-Mark's core values, and be committed to the interests of all stockholders as opposed to those of any particular constituency.

In considering candidates for director nominee, the Governance Committee generally assembles all information regarding a candidate's background and qualifications, evaluates a candidate's mix of skills and qualifications and determines the contribution the candidate could be expected to make to the overall functioning of the Board, giving due consideration to the overall Board balance of diversity of perspectives, backgrounds and experiences. With respect to current directors, the Governance Committee considers past attendance at meetings and assesses participation in and contributions to the activities of the Board. The Governance Committee, in its discretion, may designate one or more of its members to interview any candidate. In addition, the Governance Committee may seek input from the Company's management or the Board, who may interview any candidate. The Governance Committee recommends director nominees to the Board based on its assessment of overall suitability to serve on the Board in accordance with the Company's policy regarding nominations and qualifications of directors. The Governance Committee has previously retained an executive search firm to assist it in its efforts to identify and evaluate potential director candidates. To recommend a candidate for consideration, a stockholder should submit a written statement of the qualifications of the proposed nominee, including full name and address, to the Nominating and Corporate Governance Committee Chairman, c/o Core-Mark Holding Company, Inc., 395 Oyster Point Blvd., Suite 415, South San Francisco, CA 94080.

Director Nominations by Stockholders

Our bylaws require that a stockholder making a proposal must be a holder of record at the time of giving the required notice and must comply with certain other requirements contained in Section 14 of the Bylaws. To be timely, any nomination or other business to be brought before the annual meeting must be in writing and delivered not earlier than the close of business on the 120th day and not later than the close of business on the 90th day prior to the first anniversary of the preceding year's annual meeting, with certain exceptions.

Our bylaws require that a stockholder making a nomination or proposal must provide the Company with certain information, including the ownership interests in Core-Mark, both direct and indirect, of the stockholder and the beneficial owner, if any, on whose behalf the nomination or proposal is made.

For more information, see the discussion under "Stockholder Proposals for 2013 Annual Meeting" on page 35.

Business Conduct and Compliance

Core-Mark maintains a Code of Business Conduct and Ethics ("the Code") that is applicable to all directors, officers and employees of the Company. It sets forth Core-Mark's policies and expectations on a number of topics, including conflicts of interest, protection and proper use of company assets, relationships with customers and vendors (business ethics), accounting practice, and compliance with laws, rules and regulations. A copy of the Code is available on the Company's website at <http://www.core-mark.com/investor-corp.gov.htm>.

Core-Mark also maintains policies regarding insider trading and communications with the public ("Insider Trading Policy") and procedures for the Audit Committee regarding complaints about accounting matters ("Whistleblower Policy"). The Insider Trading Policy sets forth the Company's limitations regarding trading in Company securities and the handling of non-public material information. The policy is applicable to directors, officers and employees of Core-Mark and is designed to help ensure compliance with federal securities laws. The Whistleblower Policy was established to set forth the Audit Committee's procedures to receive, retain, investigate and act on complaints and concerns of employees and stockholders regarding accounting, internal accounting controls and auditing matters, including complaints regarding attempted or actual circumvention of internal accounting controls. Accounting complaints may be made directly to the Chairman of the Audit Committee in writing as follows: Audit Committee Chairman, c/o Core-Mark Holding Company, Inc., 395 Oyster Point Blvd., Suite 415, South San Francisco, CA 94080. Accounting complaints may also be made anonymously to the Core-Mark Financial Compliance Line. A copy of the Audit Committee's Whistleblower Policy and procedures can be found on Core-Mark's website at <http://www.core-mark.com/investor-corp.gov.htm>.

Executive Sessions

The Board of Directors believes that regularly scheduled meetings at which only independent directors are present ("executive sessions") are an important element of "best practice" consideration for the corporate governance process. The use of executive sessions provides a forum for open dialogue and frank discussion among non-management directors on matters concerning the Company and its management and encourages and enhances communication among independent directors. The Board of Directors maintains a regular practice of meeting in executive session during its board meetings.

Succession Planning

The Board of Directors recognizes that a sudden or unexpected change in leadership could cause the Company to experience management transition issues that could adversely affect the Company's operations, relations with employees and results. To alleviate this concern, in consultation with management, the Governance Committee has developed a succession plan for the Company's chief executive officer and other senior executive officers. The Governance Committee and the Board of Directors regularly evaluate and refine this plan.

Communication with Directors

Stockholders or other interested parties wishing to communicate with the Board, the non-management directors or any individual director may do so by contacting the Chairman of the Board by mail, addressed to Chairman of the Board, Core-Mark Holding Company, Inc., 395 Oyster Point Blvd., Suite 415, South San Francisco, California 94080.

All communications to the Board will remain unopened and be promptly forwarded to Chairman of the Board, who shall in

turn forward them promptly to the appropriate director(s). Such items as are unrelated to a director's duties and responsibilities as a Board member may be excluded by the Chairman of the Board, including, without limitation, solicitations and advertisements; junk mail; product-related communications; job referral materials such as resumes; surveys; and material that is determined to be illegal or otherwise inappropriate. The director(s) to whom such information is addressed is informed that the information has been removed, and that it will be made available to such director(s) upon request.

Stock Ownership Guidelines

In order to continue to align the interests of our directors and executive officers with those of our stockholders, the Board has determined that our directors and our named executive officers ("NEO") should be required to hold a meaningful amount of Core-Mark capital stock. In February 2012, the Board adopted a set of Stock Ownership Guidelines which provide that our directors and NEOs must own shares of Core-Mark's common stock with an aggregate value equal to the following multiple of such director's annual cash retainer or officer's base salary, as applicable:

	Multiple of Annual Cash Retainer or Base Salary
Directors	5x
CEO	6x
Other NEOs	3x

Each director and NEO is required to achieve such level of stock ownership within the later of one year after the adoption of the Stock Ownership Guidelines and five years following the date of such director's or officer's appointment to such position. Compliance will be measured as of January 31st each year. Any director or NEO who fails to comply with the guidelines may be excluded from future grants of the Company's capital stock, at the discretion of the Board or the Compensation Committee.

For purposes of the guidelines, the shares counted towards a director's or executive's ownership include (a) all shares of Core-Mark's common stock owned outright or held in trust for the director or NEO and his or her immediate family, (b) vested deferred stock, (c) restricted stock units, whether vested or unvested, and (d) performance shares, whether earned, unearned, vested or unvested. The number of shares represented by a performance share grant shall be deemed to be equal to (i) the middle achievement level when measured prior to the end of a performance period and (ii) the number of performance shares earned when measured after the end of the performance period. Unexercised stock options, whether vested or unvested, shall not be counted as owned capital stock for such calculations. The value of a share shall be equal to the greater of (a) the closing price of a share of Core-Mark's common stock on the last trading day prior to the date of calculation, or (b) the closing price of a share of the Core-Mark's common stock on the date on which such stock was granted or otherwise acquired.

If compliance with ownership guidelines would create severe hardship or prevent a NEO or director from complying with a court order the guidelines may be waived at the discretion of the Compensation Committee.

If these guidelines had been in effect as of January 31, 2012, our CEO and each of the other NEOs would have been in compliance with such stock ownership requirements. In addition, each of our directors would have been in compliance with these stock ownership requirements at such time other than Mr. Gross. Mr. Gross held capital stock equivalent to 1.0x his annual cash retainer as of January 31, 2012 and has until January 31, 2017 to meet the stock ownership requirements.

OUR EXECUTIVE OFFICERS

The following table sets forth names, ages and positions of the persons who are our executive officers as of April 9, 2012:

Name	Age	Position
J. Michael Walsh	64	President, Chief Executive Officer and Director
Stacy Loretz-Congdon	52	Senior Vice President and Chief Financial Officer
Thomas B. Perkins	53	Senior Vice President — Resources
Christopher L. Walsh	47	Senior Vice President — U.S. Distribution (West)
Christopher M. Murray	46	Senior Vice President — U.S. Distribution (East)
Scott E. McPherson	42	Senior Vice President — Corporate Development
Eric J. Rolheiser	41	President — Canada
Christopher M. Miller	51	Vice President and Chief Accounting Officer

J. Michael Walsh has served as our President and Chief Executive Officer since March 2003 and as a Director since August 2004. From October 1999 to March 2003, Mr. Walsh served as our Executive Vice President — Sales. From April 1991 to January 1996, Mr. Walsh was Senior Vice President — Operations and was Senior Vice President — U.S. Distribution from January 1996 to October 1999. Before joining Core-Mark, Mr. Walsh served as the Senior Vice President — Operations of Food Services of America. Mr. Walsh received a Bachelor of Science degree in industrial engineering from Texas Tech University and a Master of Business Administration degree from Texas A&M at West Texas.

Stacy Loretz-Congdon has served as our Senior Vice President and Chief Financial Officer since December 2006. From January 2003 to December 2006, Ms. Loretz-Congdon served as the Company's Vice President of Finance and Treasurer and from November 1999 to January 2003 served as our Corporate Treasurer. Ms. Loretz-Congdon joined Core-Mark in May 1990 and has served various functions in accounting and finance since that time. Prior to joining Core-Mark, Ms. Loretz-Congdon was an auditor for Coopers & Lybrand. She received her Bachelor of Science degree in accounting from California State University, San Francisco.

Thomas B. Perkins has served as our Senior Vice President — Resources since June 2007. From September 2003 to June 2007, Mr. Perkins served as Vice President — U.S. Divisions and from January 2001 to August 2003, he served as the President of the Arizona distribution center. From September 1996 to December 2000, Mr. Perkins served as the President of our Spokane distribution center and from August 1993 to August 1996 served as Controller of our Los Angeles distribution center. Prior to joining Core-Mark, Mr. Perkins was a Controller with Pepsi-Cola Company. Mr. Perkins received a Bachelor of Science degree from Northern Arizona University and is a certified public accountant (Inactive).

Christopher L. Walsh has served as our Senior Vice President — U.S. Distribution (West) since June 2007. Mr. Walsh joined Core-Mark in 1995 as Director of Foodservice. He was promoted to Vice President — Merchandising in 1997, Vice President — Marketing in 1999 and Senior Vice President — Sales and Marketing in 2003. Prior to joining Core-Mark, Mr. Walsh served in marketing management positions at Nestle, Tyson and Taco Bell. Mr. Walsh received a Bachelor of Arts from the University of Puget Sound and a Master of Management degree from the Kellogg School at Northwestern University.

Christopher M. Murray has served as our Senior Vice President — U.S. Distribution (East) since December 2009. From July 2007 to December 2009, Mr. Murray served as our Senior Vice President-Marketing and Vendor Consolidation and from June 2004 to June 2007, Mr. Murray served as our Vice President of Marketing. Prior to joining Core-Mark, Mr. Murray served as Manager of Retail Strategy at Shell Oil Products and as a Sales Manager for Motiva Enterprises.

Mr. Murray received a Bachelor of Science degree from the University of Puget Sound and a Master of Business of Administration from Portland State University.

Scott E. McPherson has served as our Senior Vice President — Corporate Development since December 2009. From July 2007 to December 2009 Mr. McPherson served as Senior Vice President — U.S. Distribution (East). From January 2003 to June 2007 Mr. McPherson served as Vice President — U.S. Divisions and from June 2001 to January 2003, he served as President of our Fort Worth distribution center. From June 2000 to June 2001, Mr. McPherson served as our Director of Corporate Marketing and from September 1992 to June 2000 he served as General/Area Sales Manager of our Portland distribution center. Mr. McPherson received a Bachelor of Science degree in business administration from Lewis & Clark College and a Master of Business of Administration degree from the University of Portland.

Eric J. Rolheiser has served as our President, Canada since January 2009, following his promotion from the position of Vice President of Canada Operations. From 2004 through 2007, Mr. Rolheiser served as a Division President in our Canadian operations

where he was responsible for the overall management of all facets of the business at the divisional level. Mr. Rolheiser joined Core-Mark in 1992 and has served as Sales Supervisor, Food Service Manager, Divisional General Sales Manager and Corporate Director of Sales and Marketing for our Canadian operations. Mr. Rolheiser received his education at Northern Alberta Institute of Technology in Business Administration.

Christopher M. Miller has served as our Vice President and Chief Accounting Officer since January 2007. Prior to joining Core-Mark, Mr. Miller was employed by Cost Plus World Market, a specialty retailer, where he served as Vice President and Controller since 2002. Prior to his time with Cost Plus, Mr. Miller served as Chief Financial Officer of Echo Outsourcing, a provider of business process outsourcing, from 2000 to 2002 and in various financial roles at Levi Strauss & Co. from 1996 to 2000. Mr. Miller received a Bachelor of Business Administration degree in accounting from Dowling College and is a Certified Public Accountant.

PROPOSAL 2. ADVISORY RESOLUTION TO APPROVE EXECUTIVE COMPENSATION

In accordance with Section 14A of the Securities Exchange Act we are providing our stockholders with the opportunity to vote to approve, on an advisory (nonbinding) basis, the compensation of our executive officers as disclosed in this Proxy Statement in accordance with the Securities and Exchange Commission's rules.

As described in detail under the heading "Compensation Discussion and Analysis," our executive compensation program is designed to attract, motivate, and retain our executive officers, who are critical to our success. Under this program our executive officers are rewarded for the achievement of specific short-term, long-term and strategic goals, as well as increased stockholder value. Conversely our executives face reduced compensation when performance goals are not met. We believe our compensation program achieves the important goal of attracting and retaining talented professionals, while at the same time tying a substantial portion of potential compensation for such executives to the achievement of Company goals. In addition, we believe that through the use of a blend of different elements of compensation, such as an annual performance bonus and equity incentive awards, our compensation program balances incentives for both short- and long-term Company performance. Overall we believe our compensation program is fair to both the Company and our executives, appropriate for our industry and competitive with what our executives could otherwise receive elsewhere. Please read the "Compensation Discussion and Analysis" in this Proxy Statement for additional details about our executive compensation program, including information about the Fiscal Year 2011 compensation of our named executive officers.

The Board of Directors recommends that stockholders vote FOR the approval of the compensation of our named executive officers.

We are asking our stockholders to indicate their support for our executive officer compensation as described in this Proxy Statement. This proposal, commonly known as a "say-on-pay" proposal, gives our stockholders the opportunity to express their views on our executive officers' compensation. This vote is not intended to address any specific item of compensation or any single compensation philosophy, policy or practice, but rather the overall compensation of our executive officers as described in this Proxy Statement. Accordingly, we are asking our stockholders to vote "FOR" the following resolution at the Annual Meeting:

"RESOLVED, that the Company's stockholders approve, on an advisory basis, the compensation of the Company's named executive officers, as disclosed in the Company's Proxy Statement for the 2012 Annual Meeting of Stockholders pursuant to Item 402 of Regulation S-K, including the Compensation Discussion and Analysis, the 2011 Summary Compensation Table and the other related compensation tables and disclosure."

The say-on-pay vote is advisory, and therefore not binding on Core-Mark, the Compensation Committee or our Board of Directors. Our Board of Directors and our Compensation Committee value the opinions of our stockholders and to the extent there is any significant vote against the named executive officer compensation as disclosed in this Proxy Statement, we will consider our stockholders' concerns and the Compensation Committee will evaluate whether any actions are necessary to address those concerns.

At the Company's 2011 Annual Meeting of Stockholders held on May 24, 2011, the Company's stockholders approved, on an advisory basis, of holding an advisory vote on executive compensation on an annual basis. Consistent with the stockholders' advisory vote on this matter, the Board of Directors determined that the Company will hold future stockholder advisory votes on executive compensation on an annual basis.

COMPENSATION DISCUSSION AND ANALYSIS

Overview

The following discussion provides an overview and analysis of our compensation program and policies and the major factors that shape the creation and implementation of those policies. In this discussion and analysis, and in the more detailed tables and narrative that follow, we will discuss compensation and compensation decisions relating to the following persons, whom we refer to as our named executive officers (“NEO”):

J. Michael Walsh, our President and Chief Executive Officer (CEO);

Stacy Loretz-Congdon, our Senior Vice President and Chief Financial Officer (CFO);

Thomas B. Perkins, our Senior Vice President — Resources;

Christopher L. Walsh, our Senior Vice President — U.S. Distribution (West); and

Scott E. McPherson, our Senior Vice President — Corporate Development.

Objectives of Our Compensation Program

Our compensation program for executive officers is structured around the following objectives:

Attract and retain talented professionals, while emphasizing the challenges and rewards associated with a fast paced, stimulating, entrepreneurial environment.

Align individual and organizational goals with those of our stakeholders and customers. We believe that it is primarily the dedication, creativity, competence and experience of our entire workforce that enables us to compete, given the realities of the industry in which we operate. History has shown that our business is neither easily nor quickly mastered by people attempting to migrate from other industries. We attempt to retain our experienced, long-term employees, avoid employee turnover, create a cadre of dedicated professionals focused on increasing stockholder value, align the interests of our employees and stockholders and foster an ownership mentality in our executives by giving them a meaningful stake in our success through our equity incentive and cash bonus programs.

Achieve meaningful results and add value to the Company through a results-oriented reward structure. Since we operate on low margins we cannot afford to over-pay, and for this reason we attempt to link compensation closely to performance by structuring a significant portion of potential executive compensation as a results-based bonus.

Tailor individual incentives within different segments of the organization depending on the priorities and needs existing at the time. This facilitates individual focus to capitalize on opportunities and to correct weaknesses in a particular segment of the organization. We view our Divisions as stand-alone businesses that require empowered, capable, local management expertise to operate effectively. We encourage an entrepreneurial approach in our division-level executives by using bonus targets tied to divisional or regional results and other, individually tailored, objectives.

Integrate strategic goals and objectives throughout all facets of the organization. This enables quicker, more effective execution of strategic corporate objectives. Our ability to modify and tailor the components of our cash bonus program allows us to revise these components from year to year and executive to executive as our strategic goals evolve.

Make proportionality and common sense the rule. We do not believe in a formulaic approach to compensation based on job classification. This means that compensation should be proportionate to the impact that an executive can have on the organization, that equal contributors should be treated equally, that we respect the low margin nature of our business by linking pay to performance, and that we avoid excessive disparity between CEO or other senior level compensation and the compensation of the balance of our management team.

What We Reward

The results we attempt to reward may vary from executive to executive and from year to year. However, we always attempt to maximize stockholders' value by adhering to the following principles when determining our executive compensation package:

Emphasize Stockholder Value — As an incentive to create value for stockholders, a substantial portion of executive compensation should be tied to the value of our common stock, specifically those financial measures that correlate closely with total stockholders' return, such as pre-tax net profit ("PTNP") and EBITDA growth. For example, we seek to reward our executives based on our consolidated Company operating results or operating results of the relevant region meeting a

pre-determined level of adjusted PTNP, which is related to our bottom line performance measured by net income and earnings per share.

Align Executive and Stockholder Long-Term Interests — We should reward business performance that puts our stockholders' long-term interests at the forefront by compensating our executives based on increases in our stock price over a longer period of time. For instance, equity awards under our equity incentive plans may consist of restricted stock units, stock options and performance shares that vest over a longer period of time than our cash bonus program.

Tie a Substantial Portion of Pay to Performance — Our total executive compensation package should be strongly linked to measured performance. In tying a substantial portion of pay to performance against Company and individual goals, we provide tangible incentives for our executives to maximize their efforts for the benefit of the Company and ultimately its stockholders.

Elements of Executive Compensation, Why We Pay Each Element of Compensation and How Each Element Relates to Our Compensation Objectives

Total compensation for our executive officers consists of the following elements of pay:

I. Base salary. Our base salaries are designed to attract and retain qualified and dedicated professionals by providing a base standard that is competitive in the markets in which we operate, and are intended to compensate for performing the basic functions of an executive position. Base salaries are not intended to provide the total compensation potential for an executive who has the capacity and opportunity to advance our business.

II. Annual cash incentive bonus conditioned on our financial performance and achievement of individual objectives. Annual cash incentive bonuses allow us to tailor individual incentives to our strategic goals at not only a company-wide level, but also a regional, departmental or individual level. We consider the achievement of these objectives to be above and beyond the basic functions of the job or set them to complement the Company's overall business objectives.

III. Long-term equity incentive compensation through annual grants of equity-based awards that vest over time. Our awards of restricted stock units and/or stock options generally vest over a three year period which not only helps to retain our executives over time, but also aligns our executives' compensation with the long-term appreciation of our stock and therefore the interests of our stockholders. Our awards of Performance Shares serve similar purposes, but also add the ability to tie such compensation to the achievement of specific organizational and personal goals.

IV. An executive severance plan providing for severance payments upon involuntary termination of an executive other than for cause. We believe that job security is an important factor in attracting and retaining talented executives. While we do not generally enter into employment agreements with our executives, we believe it is important to provide them with a level of job security through the use of an executive severance policy.

V. Group life, accidental death & dismemberment and short- and long-term disability insurance is also provided to our executive officers and non-executive employees. Executive officers, other senior officers and managers are also provided with additional group life insurance, determined as a percentage of base salary, subject to a cap. We view such benefits as industry standard and necessary to attract and retain talented professionals.

How We Determine and What We Paid our Named Executive Officers

I. Base Salary

In setting, reviewing and adjusting base salaries and the levels and scope of our benefits programs, we consider a number of factors, including both external factors such as market conditions, as well as other factors that are not readily measured by performance goals. Such factors include: the specific expertise, capabilities and potential of the individual; our perception of market wage conditions and the amounts required to attract and retain capable executives; and our experience in attracting and keeping executives with similar responsibilities.

We do not ascribe to rigid, formulaic, mandated salary brackets. Our Compensation Committee evaluates and establishes the base salary of our Chief Executive Officer (CEO) on an annual basis by taking into consideration his overall performance and value to the organization. Our CEO recommends base salaries for our executive management team (including our named executive officers) based on the CEO's evaluation of each executive's general level of performance and contribution to the Company over the prior year. These recommendations are then evaluated, discussed, modified as appropriate and ultimately approved by the

Compensation Committee. The Compensation Committee's review and approval occurs at the regularly scheduled meeting of the Compensation Committee held in January of each year.

Base salaries for 2011 were set by our Compensation Committee in January 2011. In January 2012, the Compensation Committee approved new base salaries for 2012. Our CEO requested, and our Compensation Committee approved, that the CEO not receive an increase to his base salary so that a greater proportion of his overall compensation could be allocated to incentive shares that are linked to the performance of the Company. The increases in base salaries for our other NEOs for 2012 were attributable to cost-of-living, performance, and adjustments based on level of responsibility.

Base salaries of our named executive officers for 2011 and 2012 are disclosed in the table below.

Officer	2011 Base	2012 Base	Percentage Increase
J. Michael Walsh	\$507,860	\$507,860	—
Stacy Loretz-Congdon	\$296,399	\$304,550	2.75%
Thomas B. Perkins	\$259,714	\$270,103	4.00%
Christopher L. Walsh	\$260,149	\$267,303	2.75%
Scott E. McPherson	\$238,072	\$249,975	5.00%

II. Annual Cash Incentive Bonus

Management-By-Objectives Evaluation

We have established an annual bonus program that is designed around achieving Company, or relevant region, financial goals supplemented by a "management-by-objectives" format. This means an executive's bonus potential is based on the Company's, or region's, actual performance against specified financial goals and on the executive achieving certain individual objectives that are above and beyond the basic functions of the job or that complement the Company's overall business objectives.

Bonus Compensation is Contingent on Company's Performance

Bonus payments are contingent and depend on both the results of the Company, or applicable region, and the executive's department and/or division results, as well as the executive's own, specific contribution to reaching such objectives. Overall Company-wide bonus levels are designed to provide an appropriate level of results-based incentives to our executive team while considering that our Company is a low-margin business that must control costs.

Annual bonus objectives for our executive officers (other than the CEO) are generally developed through discussions between our CEO and the executives in conjunction with the annual business planning process. In addition, opportunities occasionally arise during the year which are not planned. The CEO has the discretion, subject to approval by the Compensation Committee, to consider additional individual bonus objectives related to significant unplanned opportunities. The proposed objectives for our named executive officers are then reviewed, adjusted if necessary and ultimately approved by our Compensation Committee after discussion with our CEO. Bonus objectives for our CEO are established through discussions between the CEO and the Compensation Committee. The applicable bonus criteria change to some degree each year to fit the current needs of the Company and/or region. The level of an executive's total maximum bonus opportunity is structured as a percentage of base salary.

A. Threshold Funding Requirement for Bonus Payment

There is a threshold funding requirement that must be satisfied each year as a precondition to the payment of any annual cash bonuses for corporate executives. To satisfy this threshold funding requirement, a certain percentage of the planned adjusted pre-tax net profit on a Company-wide basis (for corporate level executives) or a similar financial metric for a particular region (for executives whose responsibilities related primarily to a certain region) must be achieved. Adjusted pre-tax net profit is defined as pre-tax net profit, and generally excludes LIFO expense, impacts of acquisitions made in the current year and other adjustments. In the discussion that follows, we refer to this adjusted pre-tax net profit measure as Adjusted PTNP. The applicable funding requirement was 80% of planned Adjusted PTNP for 2011 and it will remain at that level for 2012. For executives whose responsibilities are considered to be Company-wide (including our Chief Executive Officer and Chief Financial Officer), the Adjusted PTNP threshold is based on overall Company results. For executives whose responsibilities in 2011 related primarily to a particular region, such as Mr. C. Walsh (U.S. Distribution - West), this threshold is based on regional results. In 2011, the Company met the threshold funding level required to pay bonuses on a Company-wide basis and in the U.S. Distribution - West region.

B. Company and Individual Objective Bonus Requirements

Bonus Objectives and Requirements for 2011

In 2011, total maximum bonus opportunities for our named executive officers were 150% of base salary for our CEO and 80% of base salary for our other named executive officers. These percentages will continue to apply for 2012 except for Mr. C. Walsh and for Mrs. S. Loretz-Congdon which will increase to 100%.

The total maximum bonus for each executive is allocated among several bonus objectives. Each executive was given a set of company and individual objectives, each of which was assigned a weight, or percentage of the maximum available bonus (based on the importance of the objective for the year and the ability of the executive to influence the result). Specific bonus objectives and the range of relative weights for the named executive officers follow.

Adjusted PTNP - Please see "Threshold Funding Requirement for Bonus Payment" above for the definition of this objective. Adjusted PTNP was based on Company-wide results, except for Mr. C. Walsh, whose objective was based upon the percentage increase in Adjusted PTNP for U.S. Distribution - West compared with 2010. The relative weight for each named executive officer ranged from 20% to 40% of the maximum available bonus.

Non-Cigarette Revenues - Equivalent to total Food/Non-Food revenues as reported in our 2011 Annual Report on Form 10-K (excluding revenues related to acquisitions) for all persons except Mr. C. Walsh, whose objective was based upon the percentage increase in Non-cigarette revenues for U.S. Distribution - West compared to 2010. The relative weight for each named executive officer ranged from zero to 20% of the maximum available bonus.

Non-Cigarette NSI Margins - Represents the percentage increase in Non-cigarette NSI margins which are equivalent to Food/Non-Food gross profit margins as reported in our 2011 Annual Report on Form 10-K (excluding LIFO expense and other adjustments) for all persons except Mr. C. Walsh, whose objective was based upon Non-cigarette NSI margins for U.S. Distribution - West. The relative weight for each named executive officer ranged from zero to 25% of the maximum available bonus.

Vendor consolidation ("VCI") and "fresh" product program - This component was only applicable to Mr. C. Walsh, and is based on VCI/Fresh sales growth over prior year levels for U.S. Distribution - West. In addition the incremental VCI/Fresh sales in 2011 had to yield the same or better gross profit percentages when compared to 2010. The relative weight was 20% of his maximum available bonus.

Operating expenses - This component was only applicable to Mr. Perkins and was limited to the warehousing and distribution expenses as reported in our 2011 Annual Report on Form 10-K expressed as a percentage of gross profit excluding the impact of acquisitions and other adjustments. The relative weight was 25% of his maximum available bonus.

Various individual objectives — Each of our named executive officers have various individual objectives that are tailored to the responsibilities of the executive and vary based upon their roles within the Company. For fiscal 2011, the individual objective for our President and Chief Executive Officer, J. Michael Walsh, was to increase the Company's overall market share through the acquisition of like businesses. The individual objectives for our other named executive officers included one or more of the following: effective management of the finance organization, company-wide cost control, compliance with public company reporting requirements, increasing the Company's overall market share through the acquisition of like businesses, securing a significant new customer and marketing and sales initiatives, effective management and planning for certain human resources and information technology initiatives, and effective allocation of resources to support acquisitions and growth. The relative weight for each named executive, for their respective individual objectives, ranged from 20% to 80% of the maximum available

bonus.

C. Performance Levels for Each Objective

Our bonus plans provide for three levels of possible performance and a resulting bonus payout for each objective as follows:

(1) Performance at the “Exceptional” level for any objective entitles an executive to the maximum amount, or 100%, allocated to that objective. In general, this level represents achievement of an aggressive operating plan for the Company or the relevant region. The Compensation Committee considers performance at this level to be “Exceptional” due to the difficulty of attaining the high levels of achievement necessary to meet such plan.

(2) Performance at the “Outstanding” level for any objective entitles the executive to two-thirds, or 67%, of the maximum amount allocated to that objective. This level generally represents strong achievement under the operating plan for the Company or the relevant region.

Performance at the “Threshold” level for any objective entitles the executive to one-third, or 33%, of the maximum (3) amount allocated to that objective. This level represents the minimal level of performance deemed worthy of a bonus.

The CEO has the authority, with the approval of the Compensation Committee, to establish different target levels for the named executive officers based on his subjective evaluation of a region or the Company’s operating plan. For example, if the CEO views a component of a plan as exceptionally aggressive or challenging, that plan, or amounts close to that plan, may be set as the Exceptional performance level for that component of the bonus, and the “Outstanding” and “Threshold” levels would be adjusted accordingly. Bonus payments are generally conditioned on an executive’s continued employment as of December 31 of the relevant year, although this requirement may be waived at the discretion of the Compensation Committee.

The table below discloses the 2011 bonus performance levels achieved for the named executive officers and approved by the Compensation Committee:

Measure	2011 Level Achieved	
Adjusted PTNP (Company) ^[1]	>\$55.5	Outstanding
Adjusted PTNP (U.S. Distribution - West)	>30.1%	Outstanding
Non-cigarette revenues (Company) ^[1]	> \$2,235.2	Threshold
Non-cigarette revenues (U.S. Distribution - West)	>6.7%	Threshold
Non-cigarette NSI margins (Company)	> 102.17%	Outstanding
Non-cigarette NSI margins (U.S. Distribution - West)	> 101.79 %	Outstanding
VCI/Fresh Sales/Margins Growth (U.S. Distribution - West) ^[1]	>\$45.2 / >0.3%	Outstanding
Operating expenses	< 44.12%	Threshold

[1] Dollars in millions.

2011 Annual Incentive Cash Bonus Awarded Based on Achieved Performance

For fiscal 2011, following the end of the fiscal year, our CEO evaluated the level of achievement for each executive's individual objectives and made a recommendation to our Compensation Committee regarding the appropriate level of bonus percentage earned. These recommendations were then evaluated, discussed, modified as appropriate and ultimately approved by our Compensation Committee. Based on the Company’s results for 2011 and after review and adjustments, the Compensation Committee approved cash bonus payments to our NEO’s as disclosed in the following table:

Officer	Approved Bonus	Percentage of Maximum Bonus Earned
J. Michael Walsh	\$457,072	60%
Stacy Loretz-Congdon	\$165,983	70%
Thomas B. Perkins	\$186,571	90%
Christopher L. Walsh	\$128,339	62%
Scott E. McPherson	\$180,935	95%

D. Compensation Committee Review

All elements of our bonus program are subject to review and, where appropriate, waiver and adjustment at the discretion of our Compensation Committee. The Compensation Committee has waived certain requirements when in its judgment such a waiver was appropriate and in the Company’s best interests. No waivers were requested or

approved for 2011.

III. Long-Term Equity Incentive Compensation

We believe that the best way of assuring that management's interests are aligned with the interests of our stockholders is to provide sufficiently meaningful stock ownership opportunities to management. Our Long-Term Equity Incentive Program provides incentives necessary to retain executive officers and reward them for both short-term and long-term Company performance.

22

In May 2010, we adopted the 2010 Long-Term Incentive Plan (“2010 LTIP”). The plan was intended to provide compensation objectives focusing on achieving the Company’s long-term business goals. The 2011 grants to executive officers under the 2010 LTIP consisted of restricted stock units, or RSUs, and performance shares.

RSUs are the equivalent in value to one share of common stock and entitle the employee to receive one common share for each RSU at the end of a specified vesting period. RSUs are awards subject to certain restrictions and risk of forfeiture. RSUs generally vest over three years: one-third of the restricted stock units cliff vest on the first anniversary of the vesting commencement date, with the remainder vesting in equal quarterly installments over the following two years.

Performance shares may include (i) specific dollar-value target awards, (ii) performance units, the value of each unit being determined by the Compensation Committee at the time of issuance, and/or (iii) performance shares, the value of each such share being equal to the fair market value of a share of our common stock. Generally the number of performance shares that the employee ultimately earns is based upon achievement of certain specified performance metrics. Performance shares vest at the end of a specified period and are also subject to certain restrictions and risk of forfeiture. Performance shares generally vest over three years: one-third of the performance shares cliff vest on the first anniversary of the vesting commencement date and the remaining shares vest in equal quarterly installments over the following two years.

On January 19, 2011, each of our NEOs received the following equity awards under the 2010 LTIP:

Officer	Number of Restricted Stock Units ^[1]	Number of Performance Shares ^[2]
J. Michael Walsh	5,000	4,000
Stacy Loretz-Congdon	6,750	2,250
Thomas B. Perkins	6,750	2,250
Christopher L. Walsh	5,000	4,000
Scott E. McPherson	6,750	2,250

[1] One-third of the restricted stock units granted vested on January 19, 2012, with the remaining two-thirds vesting in equal quarterly installments based upon a regular calendar period over the following two years of 2012 and 2013.

[2] The award of these shares was subject to our Company meeting the 2011 performance share metrics described below. One-third of the earned performance shares granted vested on January 19, 2012, with the remaining two-thirds vesting in equal quarterly installments based upon a regular calendar period over the following two years of 2012 and 2013.

Performance Shares Awarded for 2011

Each award of performance shares listed in the table above specified a percentage of the performance shares that would be deemed earned (subject to vesting) upon the achievement of the “Threshold,” “Outstanding” or “Exceptional” level for each specific metric described below during 2011. The performance level achieved during the 2011 calendar performance period was determined by our Compensation Committee in January 2012.

At the “Threshold” level for any factor, one-third of the performance shares allocable to that factor would be awarded, at the

“Outstanding” level two-thirds would be awarded, and at the “Exceptional” level all performance shares applicable to such factor would be awarded. If the level of performance falls between two levels (Threshold and Outstanding for example), the percentage is determined by a straight line pro-ratio between two levels based upon the actual performance achieved.

The following table contains the specific metrics used for calculating the award of performance shares for 2011 along with the relative weighting of each metric and the corresponding level of achievement earned:

Factor	Weight of Total Shares	Level of Performance Achieved	
EPS ^[1]	40.0%	> \$2.76	Exceptional
EBITDA ^[2]	60.0%	> \$80.6	Exceptional

[1] Earnings Per Share (EPS) is calculated by dividing the Company's net income as reported in its 2011 Form 10-K, excluding the impact of LIFO, acquisitions during the year and other adjustments, by the total diluted shares outstanding as of December 31, 2010 of 11,441,000.

[2] EBITDA is net income as reported in the Company's 2011 Form 10-K plus depreciation expense, amortization, interest expense, foreign currency transaction losses, income taxes, less interest income and excluding LIFO expense and the impact of acquisitions during the year. EBITDA dollars in millions.

Based upon our performance with respect to the performance share goals during 2011, each of the named executive officers earned his or her maximum potential award. One-third of those shares vested on January 19, 2012, and the balance will vest in equal quarterly installments over a subsequent two-year period.

Compensation Committee Review of Long-Term Equity Incentive Program

All elements of our Long-Term Equity Incentive program are subject to review and, where appropriate, also subject to waiver and adjustment at the discretion of our Compensation Committee.

For a summary of compensation of our named executive officers, please see the table and discussion under "Summary Compensation Table" on page 27.

IV. Executive Severance Plan

Under the terms of our Executive Severance Policy, corporate officers and vice presidents, as well as division presidents, are entitled to severance upon their involuntary termination for reasons other than cause, gross misconduct or an insured long-term disability. Severance payments for U.S. based executives are based upon years of service and range from two months base salary for less than two years of service, up to 18 months of base salary for over 20 years of service. In addition, U.S. executives are entitled to a pro-rata bonus for the year terminated and may receive COBRA cost reimbursements during the severance period. Canada-based executives receive severance in accordance with provincial law, which can range up to two years of base salary, bonus and benefits. To receive any benefits under the Executive Severance Policy, an executive must sign a release of liability for the benefit of the Company. See the discussion under "Potential Post-Employment Payments to Named Executive Officers" on page 32 for a quantification of the amounts that would have been payable to our named executive officers upon a Board-approved retirement or upon a change of control as of December 31, 2011.

V. Group Life, Accidental Death & Dismemberment and Short- and Long-term Disability Insurance

All of our executive officers are eligible to participate in our group life, accidental death & dismemberment and short- and long-term disability insurance programs, which are also available to our non-executive employees. In addition, our named executive officers and other senior officers and managers are provided with additional group life insurance, at a rate of one and one-half times base salary up to a maximum of \$300,000.

VI. Other Perquisites

Our named executive officers are entitled to participate in the same retirement and health and welfare benefits that are offered to all employees. We generally do not provide automobile allowances, club memberships or other perquisites to our executives.

Compensation Consultants

Role of Outside Compensation Consultant

No compensation consultant was engaged in establishing 2011 or 2012 executive compensation.

Change of Control Matters

None of our named executive officers have employment agreements and all are employees at will. However, certain of our equity incentive plans do provide for benefits that could be triggered by a change of control. Under our 2007 and 2010 Long-Term Incentive Plans (and related grant agreements), in the event we are acquired by a non-public company, all outstanding options become fully exercisable and vested, all restrictions on restricted stock units (and all deferral periods on deferred restricted stock units) lapse and vesting on all earned performance shares accelerates. In addition, if we are acquired by a public company and a named executive officer is terminated without cause, or resigns with good reason within one year after we are acquired, then generally all such named executive officer's unvested option shares, restricted stock units and earned performance shares will immediately vest. Under our 2010 Long-Term Incentive Plan, all outstanding options become fully exercisable and vested, all restrictions on restricted stock units (and all deferral periods on deferred restricted stock units) lapse and vesting on all earned performance shares accelerates if the employee is terminated within one year after a change of control. If a change of control occurs before the completion of the applicable performance period for a performance share awarded under any of our long-term incentive plans, such performance share will vest at the "Outstanding" target level. (See "Change of Control" section on page 30 for further discussion).

In addition to the change of control provisions described above, our named executive officers are participants under our severance policies. Refer to the discussion under "Potential Post-Employment Payments to Named Executive Officers" on page 32 for a discussion of these arrangements and the quantification of the amounts that would have been payable to our named executive officers upon a retirement or upon a change of control as of December 31, 2011.

Risk

The Compensation Committee has reviewed the Company's incentive plans and does not believe the goals or the underlying philosophy encourage the named executive officers to take excessive risk. By utilizing equity-based awards that are not immediately exercisable, we believe the interests of our named executive officers are aligned with those of our stockholders.

Tax and Accounting Considerations

Section 162(m) of the Internal Revenue Code of 1986, as amended, places a limit of \$1,000,000 on the amount of compensation that we may deduct in any one year with respect to our Chief Executive Officer and each of the next four most highly compensated executive officers. The Compensation Committee considers the anticipated tax treatment of Core-Mark and its executive officers when reviewing the executive compensation programs. However, the Compensation Committee will not necessarily seek to limit executive compensation to amounts deductible under Section 162(m), as the Compensation Committee wishes to maintain flexibility to structure our executive compensation programs in ways that best promote the interests of the Company and its stockholders.

Other Considerations

We have not adopted policies and procedures designed to reclaim or "claw back" incentive awards made on the basis of financial results that are later restated. However, our 2004 Long-Term Incentive Plan, our 2007 Long-Term Incentive Plan, and our 2010 Long-Term Incentive Plan do contain provisions providing for the recovery of gains made by any executive from the exercise of options within one year prior to the executive's termination for Cause, as defined in the plans.

COMPENSATION COMMITTEE REPORT

The Compensation Committee administers Core-Mark's compensation program for executive officers. The Compensation Committee's role is to oversee Core-Mark's compensation plans and policies, annually review and approve all such executive officers' compensation, approve annual bonus awards and administer Core-Mark's long-term incentive plans (including reviewing and approving grants to Core-Mark's executive officers).

The Compensation Committee's charter reflects these various responsibilities, and the Compensation Committee and the Board of Directors periodically review and revise the charter. The Board of Directors determines the Compensation Committee's membership, which currently consists of four non-employee directors. All of the Compensation Committee's members are "independent" under the rules of the NASDAQ Stock Market. The Compensation Committee meets at scheduled times during the year and it also considers and takes action by written consent. The Compensation Committee Chairman, L. William Krause, reports any Compensation Committee actions or recommendations to the full Board of Directors.

The Compensation Committee has reviewed and discussed with management the Compensation Discussion and Analysis included in this Proxy Statement. Based on that review and those discussions, the Compensation Committee has recommended to the Board of Directors that the Compensation Discussion and Analysis be included in this Proxy Statement and incorporated by reference into our Annual Report on Form 10-K for the fiscal year ended December 31, 2011.

The Compensation Committee is pleased to submit this report to Core-Mark's stockholders.

COMPENSATION COMMITTEE

L. William Krause, Chairman

Robert A. Allen

Robert G. Gross

Randolph I. Thornton

COMPENSATION OF NAMED EXECUTIVES

The following table summarizes all compensation in 2011, 2010 and 2009 awarded to our principal executive officer, our principal financial officer and to our three other most highly compensated executive officers whose total annual salary and bonus exceeded \$100,000 for services rendered in all capacities to Core-Mark in 2011, 2010 and 2009. We refer to these executive officers as the named executive officers.

Summary Compensation Table

Name & Principal Position	Year	Salary (\$) ^[1]	Stock Awards (\$) ^[2]	Option Awards (\$) ^[3]	Non-Equity	All Other	Total (\$)
					Incentive Plan Compensation (\$) ^[4]	Compensation (\$) ^[5]	
J. Michael Walsh President & Chief Executive Officer	2011	\$506,908	\$261,587	\$—	\$457,072	\$8,138	\$1,233,705
	2010	\$494,544	\$284,130	\$—	\$193,355	\$8,138	\$980,167
	2009	\$482,891	\$249,340	\$70,005	\$447,133	\$8,635	\$1,258,004
Stacy Loretz-Congdon Sr. VP & Chief Financial Officer	2011	\$295,843	\$281,490	\$—	\$165,983	\$8,138	\$751,454
	2010	\$288,627	\$284,130	\$—	\$109,969	\$8,138	\$690,864
	2009	\$281,600	\$249,340	\$70,005	\$171,170	\$8,635	\$780,750
Thomas B. Perkins Sr. VP — Resources	2011	\$259,227	\$281,490	\$—	\$186,571	\$8,138	\$735,426
	2010	\$252,905	\$284,130	\$—	\$86,149	\$8,138	\$631,322
	2009	\$246,923	\$249,340	\$70,005	\$171,391	\$8,317	\$745,976
Christopher L. Walsh Sr. VP — U.S. Distribution (West)	2011	\$259,661	\$261,587	\$—	\$128,339	\$8,138	\$657,725
	2010	\$253,328	\$284,130	\$—	\$—	\$8,138	\$545,596
	2009	\$247,336	\$249,340	\$70,005	\$112,251	\$8,635	\$687,567
Scott E. McPherson Sr. VP — Corporate Development	2011	\$237,625	\$281,490	\$—	\$180,935	\$7,917	\$707,967
	2010	\$231,829	\$284,130	\$—	\$92,900	\$7,743	\$616,602
	2009	\$226,346	\$249,340	\$70,005	\$154,748	\$8,075	\$708,514

[1] Based on Form W-2 earnings, which may differ from base salaries reported on page 20 due to the timing of pay periods.

[2] This column represents the aggregate grant date fair value for all awards granted in 2011, 2010 and 2009, respectively. For performance awards we have reported the fair value of the award based upon the probable satisfaction of the performance conditions as of the grant date. The maximum aggregate grant date fair value that would have been received if the highest level of performance was achieved would have been \$187,005 for the awards granted in 2009 for each named executive officer. There were no performance awards granted in 2010. The maximum aggregate grant date fair value that would have been received if the highest level of performance was achieved would have been \$136,480 for Mr. M. Walsh and Mr. C. Walsh, and \$76,770 for Mrs. Loretz-Congdon, Mr. T. Perkins, and Mr. S. McPherson for the awards granted in 2011. These amounts do not reflect the Company's expense for accounting purposes for these awards, and do not represent the actual value that may be realized by the named executive officers.

[3] This column represents the aggregate grant date fair value for all awards granted in 2011, 2010 and 2009, respectively. There were no option awards granted in 2011 and 2010. These amounts do not reflect our expense for accounting purposes for these awards, and do not represent the actual value that may be realized by the named executive officers.

[4] The amounts in the column are awarded under the Annual Cash Incentive Bonus Program and represent performance-based bonuses earned in the fiscal year presented and paid in the subsequent year. These bonuses were based on our financial performance and the executive officer's performance against his or her specified

individual objectives. For a description of these bonuses, see the section of this Proxy Statement entitled “Compensation Discussion and Analysis – How We Determine and What We Paid our Named Executive Officers – Annual Cash Incentive Bonus.”

[5] The components of the “All Other Compensation” column for 2011 are detailed in the following table:

Description	Executive Officers				
	J.M. Walsh	Loretz- Congdon	Perkins	C. L. Walsh	McPherson
Company matching contribution to 401(k) plan	\$7,350	\$7,350	\$7,350	\$7,350	\$7,129
Payment of life and other insurance premiums	788	788	788	788	788
Total	\$8,138	\$8,138	\$8,138	\$8,138	\$7,917

27

The following table presents information regarding grants of plan based awards to our named executive officers during the year ended December 31, 2011.

Grants of Plan-Based Awards

Name	Grant Date	Estimated Future Payouts Under Non-Equity Incentive Plan Awards ^[2]			Estimated Future Payouts Under Equity Incentive Plan Awards ^[3]			All Other Stock Awards:	
		Threshold (\$) ^[1]	Target (\$) ^[1]	Maximum (\$) ^[1]	Threshold (\$) ^[1]	Target (\$) ^[1]	Maximum (\$) ^[1]	Number of Shares or Units (#) ^[4]	Grant Date Fair Value of Stock Awards ^[5]
J. Michael Walsh	1/19/2011	\$253,928	\$507,858	\$761,793	1,333	2,666	4,000	5,000	261,587
Stacy Loretz-Congdon	1/19/2011	\$79,039	\$158,079	\$237,120	750	1,500	2,250	6,750	281,490
Thomas B. Perkins	1/19/2011	\$69,257	\$138,514	\$207,772	750	1,500	2,250	6,750	281,490
Christopher L. Walsh	1/19/2011	\$69,372	\$138,745	\$208,119	1,333	2,666	4,000	5,000	261,587
Scott E. McPherson	1/19/2011	\$63,485	\$126,970	\$190,458	750	1,500	2,250	6,750	281,490

The Company defines three incentive plan payout levels for our executives, which are “Threshold,” “Outstanding” and “Exceptional.” The Company-defined “Threshold” level corresponds to Threshold level in the table above, [1] “Outstanding” level corresponds to Target level in the table above and “Exceptional” level corresponds to the Maximum level in the table above. Refer to the Compensation Discussion and Analysis section in this Proxy Statement for a more detailed description of these payout levels.

[2] Awarded under the 2011 Annual Cash Incentive Bonus Program. The Threshold, Target and Maximum payout levels assume that each of those goals was obtained at the Company’s level of “Threshold,” “Outstanding” and “Exceptional,” as described in the Compensation Discussion and Analysis section in this Proxy Statement. For a description of amounts actually received by the executive, if any, see the Compensation Discussion and Analysis section. For a further description of the 2011 Annual Cash Incentive Bonus Program, refer to the Compensation Discussion and Analysis section.

[3] Performance shares awarded under the 2010 Long-Term Incentive Plan. Incentive opportunities consist of EPS and EBITDA goals. The Threshold, Target and Maximum payout levels assume that each of those goals was achieved at the corresponding Company’s level of “Threshold,” “Outstanding” and “Exceptional,” as described in the Compensation Discussion and Analysis section in this Proxy Statement. For a further description of the performance shares and the amounts actually awarded to the executive, refer to the Compensation Discussion and Analysis section.

[4] Restricted stock units awarded under the 2010 Long-Term Incentive Plan. Such awards are subject to vesting requirements and permit a net-exercise feature to cover tax withholding for the executive officers.

[5] Represents the grant date fair value of each equity award computed in accordance with applicable guidance. Grant date fair value per share for restricted stock units and performance shares is \$34.12.

The following table presents information concerning the number and value of unexercised options, restricted stock units, and performance shares that have not vested for our named executive officers outstanding as of December 31, 2011:

Outstanding Equity Awards at Fiscal Year-End

Name	Option Awards				Stock Awards			
	Number of Securities Underlying Unexercised Options (#) Exercisable [1]	Number of Securities Underlying Unexercised Options (#) Unexercisable	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 (\$)	Equity Incentive Plan Awards: Number of Unearned Shares, Units or Rights That Have Not Vested (#)[3]	Equity Incentive Plan Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$)
J. Michael Walsh	4,436		\$36.96	7/2/2014	8,000	\$316,800	4,000	\$158,400
	8,645		\$25.81	1/31/2015				
	9,750		\$19.19	1/21/2016				
Stacy Loretz-Congdon	4,436		\$36.96	7/2/2014	9,750	\$386,100	2,250	\$89,100
	8,645		\$25.81	1/31/2015				
	813		\$19.19	1/21/2016				
Thomas B. Perkins	4,436		\$36.96	7/2/2014	9,750	\$386,100	2,250	\$89,100
	8,645		\$25.81	1/31/2015				
	9,750		\$19.19	1/21/2016				
Christopher L. Walsh	4,436		\$36.96	7/2/2014	8,000	\$316,800	4,000	\$158,400
	8,645		\$25.81	1/31/2015				
	9,750		\$19.19	1/21/2016				
Scott E. McPherson	4,436		\$36.96	7/2/2014	9,750	\$386,100	2,250	\$89,100
	8,645		\$25.81	1/31/2015				
	9,750		\$19.19	1/21/2016				

[1] Fully vested.

Restricted stock units were granted on January 20, 2010 and January 19, 2011. The January 20, 2010 awards vested one-third on February 1, 2011, and the remaining shares in quarterly installments over the subsequent 2 [2] years. The January 19, 2011 awards vest one-third on January 19, 2012, and the remaining shares in quarterly installments over the subsequent 2 years. Market value based on close price of \$39.60 for Core-Mark Holding Company, Inc. common stock on the NASDAQ Global Market on December 30, 2011.

[3] Performance shares were granted on January 19, 2011. The January 19, 2011 awards vest one-third on January 19, 2012, and the remaining shares in quarterly installments over the subsequent 2 years. Market value based on close price of \$39.60 for Core-Mark Holding Company, Inc. common stock on the NASDAQ Global Market on December 30, 2011.

The following table presents information concerning the exercise of stock options and the vesting of restricted stock units for our named executive officers during the year ended December 31, 2011:

Option Exercises and Stock Vested

Name	Option Awards	Value Realized on Exercise (\$)	Stock Awards	Value Realized on Vesting (\$)
	Number of Shares Acquired on Exercise (#)		Number of Shares Acquired on Vesting (#)	
J. Michael Walsh	—	\$—	12,674	\$441,689
Stacy Loretz-Congdon	3,250	\$49,326	13,968	\$479,317
Thomas B. Perkins	30,555	\$564,257	14,950	\$520,464
Christopher L. Walsh	—	\$—	12,071	\$413,981
Scott E. McPherson	1	\$19	12,068	\$416,712

Information such as number of securities to be issued upon exercises of outstanding options, weighted-average exercise price of outstanding options, and number of securities remaining available for future issuance concerning six of our stock-based compensation plans: the 2004 Long-Term Incentive Plan, the 2004 Directors' Equity Incentive Plan, the 2005 Long-Term Incentive Plan, the 2005 Directors' Equity Incentive Plan, the 2007 Long-Term Incentive Plan, and the 2010 Long-Term Incentive Plan were included in Note 11, "Stock-Based Compensation Plans," in the Notes to Consolidated Financial Statements included in our 2011 Annual Report on Form 10-K filed on March 8, 2012.

Potential Payments Upon Termination or Change-In-Control

Severance Policy

Each of our named executive officers and vice presidents are entitled to certain benefits under the Core-Mark Executive Severance Policy. Pursuant to the policy, upon the officer's involuntary termination other than for cause, gross misconduct (each as defined in the policy) or long-term disability and upon our acceptance of an executed separation agreement, the officer is entitled to the following benefits based on the years of service and location of employment:

U.S. Employees

Number of Years of Service	Benefit
Less than two years	Two months of base salary
At least two years but less than five years	Four months of base salary
At least five years but less than ten years	Eight months of base salary
At least ten years but less than 20 years	12 months of base salary
More than 20 years	18 months of base salary

All payments under the severance policy are made in one lump sum at the first regularly scheduled payroll issuance following termination. In addition to above payments, such officer shall receive COBRA cost reimbursement for the same number of months of their base salary payment plus payment of a prorated bonus for the year of their termination.

Canadian Employees. The severance benefits paid to any Canadian executive officers are based on the applicable provincial laws.

Accelerated Option Vesting. In addition, an executive officer who has received an option grant under our 2007 Long-Term Incentive Plan and our 2010 Long-Term Incentive Plan may be entitled to accelerated vesting of all such options should such executive officer be terminated without cause or resign his employment with good reason.

Retirement

Award grants made to our named executive officers under our 2005 Long-Term Incentive Plan, our 2007 Long-Term Incentive Plan, and our 2010 Long-Term Incentive Plan (during 2011) generally entitle such officers to accelerated vesting of all of their restricted stock units in the event that such executive retires, and the retirement is approved by our Board of Directors as a retirement that qualifies for such treatment. In addition, certain awards made to our named executive officers under our 2007 Long-Term Incentive Plan generally entitle such officers to accelerated vesting of a pro-rata portion of their options, restricted stock units and/or performance shares in the event that (1) such executive retires prior to the first vesting date of such award and (2) the retirement is approved by our Board of Directors as a retirement that qualifies for such treatment. In general the pro-rata portion of such award that is vested is based upon the number of months of service of such officer during the applicable vesting period under the award. Performance shares are vested pro-rata at the "Outstanding" target level. Certain awards made under our 2010 Long-Term Incentive

Plan provide for automatic accelerated vesting if such executive retires and he or she has reached the age of 65 years old at the time of such retirement.

Change of Control

Award grants made to our named executive officers under our 2007 and 2010 Long-Term Incentive Plans generally entitle such officers to accelerated vesting of all of their option shares, restricted stock units and earned performance shares in the event that we are acquired by a non-public company (a “non-public change of control”). In addition, if we are acquired by a public company

and the executive officer is terminated without cause or resigns with good reason within one year after we are acquired, then generally all such executive officer's unvested option shares, restricted stock units and earned performance shares will immediately vest. If the change of control under either scenario occurs before the completion of the applicable performance period under a performance share award, such performance share shall vest at the "Outstanding" target level. Under our 2010 Long-Term Incentive Plan, all outstanding options become fully exercisable and vested, all restrictions on restricted stock units (and all deferral periods on deferred restricted stock units) lapse and vesting on all earned performance shares accelerates if the employee is terminated within one year after a change of control.

Potential Post-Employment Payments to Named Executive Officers

The table below sets forth potential payments that could be received by our named executive officers upon retirement or upon a nonpublic change in control of Core-Mark, assuming such event took place on December 31, 2011.

TABULAR PRESENTATION OF POTENTIAL POST-EMPLOYMENT PAYMENTS

Benefits	J. Michael Walsh			Stacy Loretz-Congdon			Thomas B. Perkins			Chr Reti men
	Retire- ment ^[1]	Without Cause ^[2]	Change in Control ^[3]	Retire- ment ^[1]	Without Cause ^[2]	Change in Control	Retire- ment ^[1]	Without Cause ^[2]	Change in Control	
INCREMENTAL COMPENSATION (payment contingent on termination)										
Cash Severance		\$761,790	\$761,790		\$456,825	\$456,825		\$270,103	\$270,103	
COBRA Reimbursements		\$18,635	\$18,635		\$18,635	\$18,635		\$17,251	\$17,251	
Equity										
Restricted Stock Unexercisable Options	\$1,503,114	\$1,186,394	\$1,661,474	\$459,798	\$73,796	\$548,876	\$386,003	\$—	\$475,080	\$55
Total	\$1,503,114	\$1,966,819	\$2,441,899	\$459,798	\$549,256	\$1,024,336	\$386,003	\$287,354	\$762,434	\$55
EARNED COMPENSATION (payment not contingent on termination)										
Exercisable Options	\$329,923	\$329,923	\$329,923	\$147,519	\$147,519	\$147,519	\$329,923	\$329,923	\$329,923	\$32
GRAND TOTAL	\$1,833,037	\$2,296,742	\$2,771,822	\$607,317	\$696,775	\$1,171,855	\$715,926	\$617,277	\$1,092,357	\$88

Core-Mark Holding Company, Inc. does not have an official retirement age. For awards made prior to January 1, 2011, named executive officers may be approved for retirement by the Board of Directors and for awards made after January 1, 2011, acceleration of unvested awards occurs automatically upon the retirement of an executive

[1] officer who has reached the age of 65 at the time of retirement. The table assumes that all named executive officers would have been so approved if termination occurred on December 31, 2011. Upon retirement, this table assumes unvested performance shares and options are forfeited, vested options remain exercisable for a period of 90 days, and restrictions lapse on all restricted stock units.

Upon termination without cause, terminated executives are eligible for severance cash in accordance with the Core-Mark Executive Severance Policy. Also, options become fully vested and exercisable as of the date of [2] termination and remain exercisable for a period of 90 days thereafter. Options terminate and are forfeited at the end of the 90-day period. Upon termination, all unvested restricted stock units and performance shares are forfeited.

Upon a non-public change in control, executives are eligible for all of the benefits of a “without-cause” termination. [3] In addition, all restrictions lapse on restricted stock units, all unvested options are accelerated and any earned but unvested performance shares are accelerated.

[4] Executive officers and vice presidents in the U.S. may receive benefits under the Core-Mark Executive Severance Policy. If terminated on December 31, 2011, the following NEOs would receive 12 months’ salary and COBRA reimbursements, payable in a lump sum: Thomas B. Perkins, Christopher L. Walsh, and Scott E. McPherson. As

Stacy Loretz-Congdon's and J. Michael Walsh' service with our Company is more than 20 years as of December 31, 2011, they would receive 18 months' salary and COBRA reimbursements, if terminated on December 31, 2011.

REPORT OF THE AUDIT COMMITTEE

The Audit Committee reviews Core-Mark's financial reporting process on behalf of the Board of Directors and reports to the Board of Directors on audit, financial and related matters. Core-Mark's management has the primary responsibility for the financial statements and the reporting process, including the system of internal controls. Deloitte & Touche LLP (the independent registered public accounting firm for year ended December 31, 2011) was responsible for performing an independent audit of the Company's consolidated financial statements and internal control over financial reporting in accordance with the standards of the Public Company Accounting Oversight Board (U.S.), and to issue its reports thereon. The Audit Committee oversees these processes.

In this context, the Audit Committee has met and held discussions with Core-Mark's management and the independent auditor. Management has represented to the Audit Committee that the Company's consolidated financial statements were prepared in accordance with accounting principles generally accepted in the United States, and the Audit Committee reviewed and discussed the consolidated financial statements with management and the independent auditor. The Audit Committee also discussed with the independent auditor the matters required to be discussed by Statement on Auditing Standards No. 114, The Auditor's Communication with Those Charged with Governance.

In addition, the Audit Committee discussed with the independent auditor such auditor's independence from the Company and its management, and the independent auditor provided to the Audit Committee the written disclosures and communications required by the Public Company Accounting Oversight Board regarding the independent auditor's communications with the Audit Committee concerning independence.

The Audit Committee discussed with the Company's internal audit staff and independent auditor the overall scope and plans for their respective audits. The Audit Committee met with the internal audit staff and the independent auditor, with and without management present, to discuss the results of their examinations, their evaluations of Core-Mark's internal controls, and the overall quality of Core-Mark's financial reporting.

Based on the reviews and discussions with management and the independent auditor referred to above, the Audit Committee recommended to the Board of Directors, and the Board of Directors has approved, that the audited financial statements be included in Core-Mark's Annual Report on Form 10-K for the year ended December 31, 2011, for filing with the Securities and Exchange Commission.

AUDIT COMMITTEE

Stuart W. Booth, Chairman
Gary F. Colter
Robert G. Gross
Harvey L. Tepner

PROPOSAL 3. RATIFICATION OF SELECTION OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Deloitte & Touche LLP (“D&T”) has been selected by the Audit Committee of the Board of Directors to audit the accounts of Core-Mark and its subsidiaries for the year ending December 31, 2012. D&T served as our independent auditor for 2011. At the Annual Meeting, the stockholders are being asked to ratify the appointment of D&T as Core-Mark’s independent auditor for 2012. If ratification is withheld, the Audit Committee will reconsider its selection. A representative of D&T will attend our Annual Meeting to respond to appropriate questions and will have the opportunity to make a statement if the representative desires to do so.

The Board of Directors recommends that the stockholders vote FOR Proposal 3.

Auditor Fees

The aggregate professional fees and expenses billed by D&T for the audit of our annual financial statements for 2011 and 2010 and fees and expenses billed for audit related services, tax services and all other services rendered for these periods are as follows:

	2011	2010
Audit Fees ^[1]	\$1,661,000	\$2,194,000
Audit Related Fees ^[2]	61,000	81,000
Tax Fees ^[3]	20,000	8,000
All Other Fees ^[4]	45,000	—
Total	\$1,787,000	\$2,283,000

[1] These are fees and expenses for professional services performed by D&T and include the audit of our annual financial statements, the review of financial statements included in our Quarterly Reports on Form 10-Q, and for services that are normally provided in connection with statutory or regulatory filings, consents and other SEC filings.

[2] These are fees and expenses for assurance and related services that are reasonably related to the performance of the audit or review of our financial statements, and include fees associated with accounting for, and auditing of, acquisitions and consultations concerning financial accounting and reporting matters.

[3] These are fees for professional services related to tax compliance, tax advice and tax planning.

[4] These are fees for non-audit related professional services.

Pre-Approval of Audit and Non-Audit Services

Core-Mark’s Audit Committee is responsible for appointing Core-Mark’s independent auditor and approving the terms of the independent auditor’s services. The Audit Committee has established a policy for the pre-approval of all audit and permissible non-audit services to be provided by the independent auditor, as described below, and must pre-approve any internal control related service, including any changes in the nature, scope or extent of such services.

Audit Services. Under the policy, the Audit Committee is to appoint Core-Mark’s independent auditor each year and pre-approve the engagement of the independent auditor for the audit services to be provided. In addition, the Audit Committee must pre-approve any additions or modifications to such audit services.

Non-Audit Services. In accordance with the policy, the Audit Committee must pre-approve non-audit services that may be performed by the independent auditor during the year. The Audit Committee has also delegated to the Chair of the Audit Committee the authority to approve additional non-audit services to be performed by the independent auditor.

All services performed by D&T in 2011 were pre-approved by the Audit Committee pursuant to the foregoing pre-approval policy.

STOCKHOLDER PROPOSALS FOR 2013 ANNUAL MEETING

Requirements for Stockholder Proposals to be Considered for Inclusion in Core-Mark's Proxy Materials

Any proposal that a stockholder wishes to submit for inclusion in Core-Mark's proxy materials for the 2013 Annual Meeting of Stockholders pursuant to and in accordance with SEC Rule 14a-8 must be received by Core-Mark not later than December 10, 2012.

Requirements for Stockholder Proposals to be Brought Before the Annual Meeting

Core-Mark's bylaws provide that any proposal that a stockholder wishes to propose for consideration at an annual meeting, but does not seek to include in Core-Mark's Proxy Statement and related materials, must be received by the Company within a specified period prior to the annual meeting. Absent specific circumstances set forth in our bylaws, to be considered at the 2013 Annual Meeting such proposal must be delivered to Core-Mark no earlier than January 23, 2013 and no later than February 21, 2013. In addition, any stockholder proposal to Core-Mark must set forth the information required by Core-Mark's bylaws with respect to each matter the stockholder proposes to bring before the annual meeting. The proxy solicited by the Board of Directors for the 2013 Annual Meeting will confer discretionary authority to vote on any proposal presented by a stockholder at the meeting that was not included in the proxy materials for such meeting.

Any stockholder proposals or notices submitted to Core-Mark in connection with the 2013 Annual Meeting should be addressed to: Director of Investor Relations, Core-Mark Holding Company, Inc., 395 Oyster Point Blvd., Suite 415, South San Francisco, California 94080.

DIRECTIONS TO THE
HYATT REGENCY SAN FRANCISCO AIRPORT HOTEL

Hyatt Regency San Francisco Airport Hotel
1333 Bayshore Highway
Burlingame, CA 94010

From San Francisco International Airport (2 miles) and Points North: Take 101 South toward San Jose. Exit Millbrae Ave. Turn left on Millbrae Ave. Turn right at the second stoplight onto Bayshore Hwy. Proceed through 4 stoplights. Hotel is on the right hand side.

From San Jose Airport (approximately 30 miles) and Points South: Take 101 North to the Broadway Exit. Take the Airport Blvd ramp toward Bayshore Blvd, then turn left onto Bayshore Hwy. Hotel is on the left hand side.

From Oakland Airport (approximately 30 miles) and Points East: Take I-880 South toward San Jose. Merge onto CA-92 W toward San Mateo Br. Merge onto US-101 N toward San Francisco to the Broadway Exit. Take the Airport Blvd ramp toward Bayshore Blvd, then turn left onto Bayshore Hwy. Hotel is on the left hand side.
