COHERENT INC Form DEF 14A February 22, 2010

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 X

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)) o

Definitive Proxy Statement X **Definitive Additional Materials** o

Soliciting Material Pursuant to §240.14a-12 o

COHERENT, INC.

(Name of Registrant as Specified In Its Charter)

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

(4)

Date Filed:

Payment of Filir x	ng Fee (Check the appr No fee required. Fee computed on table (1)	opriate box): le below per Exchange Act Ru	les 14a-6(i)(1) and 0-11. 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):
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0 0	Check box if any part		d by Exchange Act Rule 0-11(a)(2) and identify the filing for which the vious filing by registration statement number, or the Form or Schedule and
	(2)	Form, Schedule or Registrati	ion Statement No.:
	(3)	Filing Party:	

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS April 1, 2010

TO OUR STOCKHOLDERS:
NOTICE IS HEREBY GIVEN that the Annual Meeting of Stockholders of COHERENT, INC., a Delaware corporation, will be held on April 1, 2010 at 1:00 p.m., local time, at the The Fairmont San Jose, 170 South Market Street, San Jose, CA 95113 for the following purposes:
1. To elect six directors to serve for the ensuing year and until their successors are duly elected (Proposal One);
2. To ratify the appointment of Deloitte & Touche LLP as the Company s independent registered public accounting firm for the fiscal year ending October 2, 2010 (Proposal Two); and
3. To transact such other business as may properly be brought before the meeting and any adjournment(s) thereof.
The foregoing items of business are more fully described in the Proxy Statement accompanying this Notice.
Stockholders of record at the close of business on February 17, 2010 are entitled to notice of and to vote at the meeting.
All stockholders are cordially invited to attend the meeting. However, to assure your representation at the meeting, you are urged to mark, sign, date and return the enclosed proxy card as promptly as possible in the postage-prepaid envelope enclosed for that purpose or follow the instructions on the enclosed proxy card to vote by telephone or via the Internet. Any stockholder of record attending the meeting may vote in person even if he or she has returned a proxy. Please note, however, that if your shares are held of record by a broker, bank or other nominee and you wish to vote at the meeting, you must obtain a proxy issued in your name from that record holder.
Sincerely,

/s/ John R. Ambroseo

John R. Ambroseo President and Chief Executive Officer

Santa Clara, California February 22, 2010

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE STOCKHOLDER MEETING TO BE HELD ON APRIL 1, 2010

The proxy statement and annual report to stockholders are available at www.proxyvote.com.

YOUR VOTE IS IMPORTANT

In order to assure your representation at the meeting, you are requested to complete, sign and date the enclosed proxy card as promptly as possible and return it in the enclosed envelope or follow the instructions on the enclosed proxy card to vote by telephone or via the Internet. Any stockholder attending the Annual Meeting may vote in person even if he or she returned a proxy card.

COHERENT, INC. 5100 PATRICK HENRY DRIVE SANTA CLARA, CALIFORNIA 95054
PROXY STATEMENT
INFORMATION CONCERNING SOLICITATION AND VOTING
General
The enclosed Proxy is solicited on behalf of the Board of Directors (the Board) of Coherent, Inc. (Coherent or the Company) for use at the Annual Meeting of Stockholders (the Annual Meeting) to be held at The Fairmont San Jose, 170 South Market Street, San Jose, CA 95113 on April 1, 2010 at 1:00 p.m., local time, and at any adjournment(s) thereof, for the purposes set forth herein and in the accompanying Notice of Annual Meeting of Stockholders. Our telephone number is (408) 764-4000. These proxy solicitation materials were first mailed on or about February 22, 2010 to all stockholders entitled to vote at the Annual Meeting.
Record Date and Share Ownership
Stockholders of record at the close of business on February 17, 2010 (the Record Date) are entitled to notice of and to vote at the meeting and at any adjournment(s) thereof. On the Record Date, 24,874,954 shares of our common stock, \$0.01 par value, were issued and outstanding.
Revocability of Proxies
Any proxy given pursuant to this solicitation may be revoked by the person giving it at any time before its use (i) by delivering to us at our principal offices (Attention: Bret M. DiMarco, Corporate Secretary) a written notice of revocation or a duly executed proxy bearing a later date, (ii) in the case of a stockholder who has voted by telephone or through the Internet, by making a timely and valid telephone or Internet vote, as the case may be, or (iii) by attending the meeting and voting in person. Please note, however, that if your shares are held of record by a broker, bank or other nominee and you wish to vote at the meeting, you must obtain a proxy issued in your name from that record holder, and you will need to provide a copy of such proxy at the meeting.

Attendance at the Annual Meeting

All stockholders of record as of the Record Date may attend the Annual Meeting. Please note that cameras, recording devices and other electronic devices will not be permitted at the Annual Meeting. No items will be allowed into the Annual Meeting that might pose a concern for the safety of those attending. Additionally, to attend the meeting you will need to bring identification and proof sufficient to us that you were a stockholder of record as of the Record Date or that you are a representative of a stockholder of record as of the Record Date for a stockholder of record that is not a natural person. For directions to attend the Annual Meeting, please contact Investor Relations by telephone at (408) 764-4110.

Voting and Costs of Solicitation

On all matters, other than the election of directors, each share has one vote. See Proposal One Election of Directors Vote Required for a description of your cumulative voting rights with respect to the election of directors.

If you are a stockholder of record as of the Record Date, you may vote in person at the Annual Meeting, vote by proxy using the enclosed proxy card, vote by proxy over the telephone or vote by proxy via the Internet. Whether or not you plan to attend the Annual Meeting, we urge you to vote by proxy to ensure your vote is counted. As stated above, you may still attend the Annual Meeting and vote in person if you have already voted by proxy.

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• To vote in person: Come to the Annual Meeting and we will give you a ballot at the time of voting. If you have previously turned in a proxy card, please notify us at the Annual Meeting that you intend to cancel the proxy and vote by ballot.
• To vote using the proxy card: Simply complete, sign and date the enclosed proxy card and return it promptly in the envelope provided. If you return your signed proxy card to us before the Annual Meeting, the designated proxies will vote your shares as you direct.
• To vote over the telephone : Dial toll-free 1-800-690-6903 using a touch-tone phone and follow the recorded instructions. You will be asked to provide the control number from the enclosed proxy card. Your vote must be received by 11:59 P.M. Eastern Time on March 31, 2010 to be counted.
• To vote on the Internet : go to www.proxyvote.com to complete an electronic proxy card. You will be asked to provide the control number from the enclosed proxy card. Your vote must be received by 11:59 P.M. Eastern Time on March 31, 2010 to be counted.
If you return a signed and dated proxy card without marking any voting directions, your shares will be voted:
• For the election of all six (6) nominees for director set forth herein, provided that in the event cumulative voting occurs, the proxy holders will cumulate votes using their judgment so as to ensure the election of as many of the nominees set forth herein as possible; and
• For the ratification of the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending October 2, 2010 as described in Proposal Two;
If any other matter is properly presented at the Annual Meeting, your proxy holders (one of the individuals named on your proxy card) will vote your shares in their discretion.
The cost of this solicitation will be borne by us. We may reimburse brokerage firms and other persons representing beneficial owners of shares for their expenses in forwarding solicitation material to such beneficial owners. In addition, proxies may be solicited by certain of our directors, officers and regular employees, without additional compensation, personally or by telephone or facsimile.
Quorum; Abstentions; Broker Non-Votes

Our Bylaws provide that stockholders holding a majority of the shares of common stock issued and outstanding and entitled to vote on the Record Date constitute a quorum at meetings of stockholders. Votes will be counted by the inspector of election appointed for the Annual

Meeting, who will separately count For and (with respect to proposals other than the election of directors) Against votes, abstentions and broker

non-votes. A broker non-vote occurs when a nominee holding shares for a beneficial owner does not vote on a particular proposal because the nominee does not have discretionary voting power with respect to that proposal and has not received instructions with respect to that proposal from the beneficial owner. Abstentions will be counted towards the vote total for each proposal, and will have the same effect as Against votes. Because directors are elected by a plurality vote, abstentions in the election of directors have no impact once a quorum exists. Abstentions and broker non-votes represented by submitted proxies will not be taken into account in determining the outcome of the election of directors. Abstentions and broker non-votes represented by submitted proxies will not be taken into account in determining the outcome of the proposal to ratify the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending October 2, 2010.

If you hold shares in your name, and you sign and return a proxy card without giving specific voting instructions, your shares will be voted as recommended by our Board on all matters and as the proxy holders may determine in their discretion with respect to any other matters that properly come before the meeting.

Effect of Not Casting Your Vote

If you hold your shares in street name it is critical that you cast your vote if you want it to count in the election of directors (Proposal One of this proxy statement). In the past, if you held your shares in street name and you did not indicate how you wanted your shares voted in the election of directors, your bank or broker was allowed to vote those shares on your behalf in the election of directors as they felt appropriate.

Recent changes in regulations were made to take away the ability of your bank or broker to vote your uninstructed shares in the election of directors on a discretionary basis. Thus, if you hold your shares in street name and you do not instruct your bank or broker how to vote in the election of directors, no vote will be cast on your behalf. Your bank or broker will, however, continue to have discretion to vote any uninstructed shares on the ratification of the appointment of the Company s independent registered public accounting firm (Proposal Two of this proxy statement).

Deadline for Receipt of Stockholder Proposals

Proposals of stockholders that are intended to be presented by such stockholders at the annual meeting of stockholders for the 2010 fiscal year must be received by us no later than the close of business on the 45th day, nor earlier than the close of business on the 75th day, prior to the one year anniversary of the date these proxy materials were first mailed by us unless the annual meeting of stockholders is held prior to March 2, 2011 or after May 31, 2011, in which case, the proposal must be received by us not earlier than the 120th day prior to the annual meeting and not later than the later of the 90th day prior to the annual meeting and the tenth day following public announcement of the date the annual meeting will be held and must otherwise be in compliance with applicable laws and regulations in order to be considered for inclusion in the proxy statement and form of proxy relating to that meeting. Under the federal securities laws, for such a matter to be included in the proxy materials for annual meeting of stockholders for the 2010 fiscal year, timely notice must be delivered to us at our principal executive offices to the attention of Bret M. DiMarco, our Corporate Secretary, not less than 120 days before the date of our proxy statement released to stockholders in connection with the previous year s annual meeting, or November 24, 2010. Stockholder proposals must otherwise comply with the requirements of Rule 14a-8 of the Securities Exchange Act of 1934, as amended (the Exchange Act). If a stockholder who has notified us of his or her intention to present a proposal at an annual meeting does not appear to present his or her proposal at such meeting, we need not present the proposal for vote at such meeting.

However, if a stockholder wishes only to recommend a candidate for consideration by the Governance and Nominating Committee as a potential nominee for the Company s Board, see the procedures discussed in Proposal One Election of Directors Process for Recommending Candidates for Election to the Board of Directors.

The attached proxy card grants to the proxyholders discretionary authority to vote on any matter raised at the Annual Meeting.

Delivery of Voting Materials to Stockholders Sharing an Address

To reduce the expense of delivering duplicate voting materials to our stockholders who may hold shares of Coherent common stock in more than one stock account, we are delivering only one set of the proxy solicitation materials to certain stockholders who share an address, unless otherwise requested. A separate proxy card is included in the voting materials for each of these stockholders. We will promptly deliver, upon written or oral request, a separate copy of the annual report or this proxy statement to a stockholder at a shared address to which a single copy of the documents was delivered. To obtain an additional copy, you may write us at 5100 Patrick Henry Drive, Santa Clara, California 95054, Attn: Investor Relations, or contact us by telephone at (408) 764-4110 and request to be connected to our Investor Relations department. Similarly, if you share an address with another stockholder and have received multiple copies of our proxy materials, you may contact us at the address or telephone number specified above to request that only a single copy of these materials be delivered to your address in the future. Stockholders sharing a single address may revoke their consent to receive a single copy of our proxy materials in the future at any time by contacting our distribution agent, Broadridge, either by calling toll-free at 1-800-542-1061, or by writing to Broadridge, Householding Department, 51 Mercedes Way, Edgewood, NY 11717. Broadridge will remove such stockholder from the householding program within 30 days of receipt of such written notice, after which each such stockholder will receive an individual copy of our proxy materials.

Further Information

We will provide without charge to each stockholder solicited by these proxy solicitation materials a copy of Coherent s annual report on Form 10-K for the fiscal year ended October 3, 2009 without exhibits and any amendments thereto on Form 10-K/A upon request of such stockholder made in writing to Coherent, Inc., 5100 Patrick Henry Drive, Santa Clara, California 95054, Attn: Investor Relations.

We will also furnish any exhibit to the annual report on Form 10-K if specifically requested in writing. You can also access our Securities and Exchange Commission (SEC) filings, including our annual reports on Form 10-K, and all amendments thereto filed on Form 10 K/A, on the SEC website at www.sec.gov.

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE STOCKHOLDER MEETING TO BE HELD ON APRIL 1, 2010

The proxy statement and annual report to stockholders are available at www.proxyvote.com.

PROPOSAL ONE

ELECTION OF DIRECTORS

Nominees

Six (6) members of our Board are to be elected at the Annual Meeting. Unless otherwise instructed, the proxy holders will vote the proxies received by them for the nominees named below. Each nominee has consented to be named a nominee in the proxy statement and to continue to serve as a director if elected. If any nominee becomes unable or declines to serve as a director, if additional persons are nominated at the meeting or if stockholders are entitled to cumulate votes, the proxy holders intend to vote all proxies received by them in such a manner (in accordance with cumulative voting) as will ensure the election of as many of the nominees listed below as possible, and the specific nominees to be voted for will be determined by the proxy holders.

We are not aware of any reason that any nominee will be unable or will decline to serve as a director. The term of office of each person elected as a director will continue until the next Annual Meeting of Stockholders or until a successor has been elected and qualified or until his or her earlier resignation or removal. There are no arrangements or understandings between any director or executive officer and any other person pursuant to which he or she is or was to be selected as a director or officer.

The names of the nominees, all of whom are currently directors standing for re-election, and certain information about them as of December 31, 2009 are set forth below. All of the nominees have been recommended for nomination by a majority of the Board acting on the recommendation of the Governance and Nominating Committee of the Board, which was approved by a majority vote of the members of such committee. The committee consists solely of independent members of the Board. There are no family relationships among directors or executive officers of Coherent.

Name	Age	Director Since	Principal Occupation
John R. Ambroseo, PhD	48	2002	President and Chief Executive Officer
Susan M. James(1)(2)	63	2008	Retired Partner, Ernst & Young
L. William Krause(2)(3)	67	2009	President of LWK Ventures
Garry W. Rogerson, PhD(1)(2)(3)(4)	57	2004	Chairman of the Board of Coherent; Chairman and Chief Executive Officer of Varian, Inc.
Lawrence Tomlinson(1)(4)	69	2003	Retired Senior Vice President and Treasurer of Hewlett-Packard Co.
Sandeep Vij(2)(3)(4)(5)	44	2004	President and Chief Executive Officer of MIPS Technologies, Inc.(6)

- (1) Member of the Audit Committee.
- (2) Member of the Governance and Nominating Committee.
- (3) Member of the Compensation and H.R. Committee.
- (4) Member of the Special Committee.

- (5) Member of the Special Litigation Committee.
- (6) Mr. Vij became the President and Chief Executive Officer of MIPS Technologies, Inc. subsequent to December 31, 2009.

Except as set forth below, each of our directors has been engaged in his or her principal occupation set forth above during the past five years. There is no family relationship between any of our directors or executive officers. The Board has determined that, with the exception of Dr. Ambroseo, all of its current members are independent directors as that term is defined in the marketplace rules of the NASDAQ Stock Market.

John R. Ambroseo. Dr. Ambroseo has served as our President and Chief Executive Officer as well as a member of the Board since October 2002. Dr. Ambroseo served as our Chief Operating Officer from June 2001 through September 2002. Dr. Ambroseo served as our Executive Vice President and as President and General Manager of the Coherent Photonics Group from September 2000 to June 2001. From September 1997 to September 2000, Dr. Ambroseo served as our Executive Vice President and as President and General Manager of the Coherent Laser Group. From March 1997 to September 1997, Dr. Ambroseo served as our Scientific Business Unit Manager. From August 1988, when Dr. Ambroseo joined us, until March 1997, he served as a Sales Engineer, Product Marketing Manager, National Sales Manager and Director of European Operations. Dr. Ambroseo received a Bachelor degree from SUNY-College at Purchase and a PhD in Chemistry from the University of Pennsylvania.

Susan M. James. Ms. James originally joined Ernst & Young, a global leader in professional services, in 1975, becoming a partner in 1987 and from June 2006 to December 2009, was a consultant to Ernst & Young. During her tenure with Ernst & Young, she has been the lead partner or partner-in-charge for the audit work for a significant number of technology companies, including Intel Corporation, Sun Microsystems, Amazon.com, Autodesk and the Hewlett-Packard Corporation, and for the Ernst & Young North America Global Account Network. She also served on the Ernst & Young Americas Executive Board of Directors from January 2002 through June 2006. She is a certified public accountant and a member of the American Institute of Certified Public Accountants. Ms. James also serves on the board of directors of Applied Materials, Inc., a global leader in Nonmanufacturing SolutionsTM, Yahoo! Inc., an Internet technology company, and the Tri-Valley Animal Rescue, a non-profit that is dedicated to providing homes for homeless pets.

L. William Krause. Mr. Krause has been President of LWK Ventures, a private investment firm, since 1991. In addition, Mr. Krause served as Chairman of the Board of Caspian Networks, Inc., an IP networking systems provider, from April 2002 to September 2006 and as Chief Executive Officer from April 2002 until June 2004. From September 2001 to February 2002, Mr. Krause served as President 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 of the Board from 1987 to 1993 when he retired. Mr. Krause currently serves as a director of Brocade Communications Systems, Inc., a networking solutions and services company, Core-Mark Holdings, Inc., a distributor of packaged consumer goods and Sybase, Inc., a leader in enterprise and mobile software to manage, analyze and mobilize information.

Garry W. Rogerson. Dr. Rogerson has served as our Chairman of the Board since June 2007. Dr. Rogerson has been Chairman and Chief Executive Officer of Varian, Inc., a major supplier of scientific instruments and consumable laboratory supplies, vacuum products and services, since February 2009 and 2004, respectively. Dr. Rogerson served as Varian s Chief Operating Officer from 2002 to 2004, as Senior Vice President, Scientific Instruments from 2001 to 2002, and as Vice President, Analytical Instruments from 1999 to 2001. Dr. Rogerson also serves on the board of directors of Varian.

Lawrence Tomlinson. Mr. Tomlinson retired from Hewlett-Packard Co., a global technology company, in June 2003. Prior to retiring from Hewlett-Packard Co., from 1993 to June 2003 Mr. Tomlinson served as its Treasurer, from 1996 to 2002 he was also a Vice President of Hewlett-Packard Co. and from 2002 to June 2003 was also a Senior Vice President of Hewlett-Packard Co. Mr. Tomlinson is a member of the board of directors of Salesforce.com, Inc., a customer relationship management service provider.

Sandeep Vij. Mr. Vij has held the position of President and Chief Executive Officer of MIPS Technologies, Inc., a leading provider of processor architectures and cores, since January 2010. Previously, Mr. Vij had been the Vice President and General Manager of the Broadband and Consumer Division of Cavium Networks, Inc., a leading provider of highly integrated semiconductor products from May 2008 to January 2010. Prior to that he held the position of Vice President of Worldwide Marketing, Services and Support for Xilinx Inc., a digital programmable logic device provider, from 2007 to April 2008. From 2001 to 2006, he held the position of Vice President of Worldwide Marketing at Xilinx. From 1997 to 2001, he served as Vice President and General Manager of the General Products Division at Xilinx. Mr. Vij joined Xilinx in 1996 as Director of FPGA Marketing. Mr. Vij is a member of the board of directors of MIPS Technologies, Inc.

Director Independence

The Board has determined that, with the exception of Dr. Ambroseo, all of its current members and all of the nominees for director are independent directors—as that term is defined in the marketplace rules of the Nasdaq Stock Market.

Board Meetings and Committees

The Board held a total of thirteen (13) meetings during fiscal 2009. During fiscal 2009, the Board had three standing committees: the Audit Committee; the Compensation and H.R. Committee; and the Governance and Nominating Committee. In addition, in fiscal 2009, the Board had two additional committees: the Special Committee and the Special Litigation Committee. No director serving during such fiscal year attended fewer than 75% of the aggregate of all meetings of the Board and the committees of the Board upon which such director served.

Audit Committee

The Audit Committee, which has been established in accordance with Section 3(a)(58)(A) of the Exchange Act, consists of directors James, Rogerson, and Tomlinson. The Audit Committee held ten (10) meetings during fiscal 2009. All of the members of the Audit Committee are independent as defined under rules promulgated by the SEC and qualify as independent directors under the marketplace rules of the Nasdaq Stock Market for Audit Committee members. The Board has determined that directors James, Rogerson and Tomlinson are audit committee financial experts as that term is defined in Item 401(h) of Regulation S-K of the Securities Act of 1933, as amended. Among other things, the Audit Committee has the sole authority for appointing and supervising our independent registered public accounting firm and is primarily responsible for approving the services performed by our independent registered public accounting firm and for reviewing and evaluating our accounting principles and our system of internal accounting controls. A copy of the Audit Committee charter, including any updates thereto, is available on our website at www.coherent.com.

Compensation and H.R. Committee

During fiscal 2009, the Compensation and H.R. Committee of the Board consisted of directors Hart, Rogerson and Vij. Mr. Hart is not standing for reelection at the Annual Meeting. All of the members of the Compensation and H.R. Committee are independent as defined under the marketplace rules of the Nasdaq Stock Market. The Compensation and H.R. Committee held five (5) meetings during fiscal 2009. The Compensation and H.R. Committee, among other things, reviews and approves our executive compensation policies and programs, and grants stock options to our employees, including officers, pursuant to our stock option plans. See Executive Officers and Executive Compensation Discussion and Analysis and Director Compensation below for a description of our processes and procedures for the consideration and determination of executive and director compensation. A copy of the Compensation and H.R. Committee charter, including any updates thereto, is available on our website at www.coherent.com.

Governance and Nominating Committee

During fiscal 2009, the Governance and Nominating Committee consisted of directors James, Hart, Press, Rogerson and Vij. Mr. Press resigned from the Board in November 2009. All of the members of the Governance and Nominating Committee are independent as defined under the marketplace rules of the Nasdaq Stock Market. The Governance and Nominating Committee held nine (9) meetings during fiscal 2009. The Governance and Nominating Committee, among other things, assists the Board by making recommendations to the Board on matters concerning director nominations and elections, board committees and corporate governance. A copy of the Governance and Nominating Committee charter, including any updates thereto, is available on our website at www.coherent.com.

Corporate Governance Guidelines

The Company maintains a set of Corporate Governance Guidelines, which can also be found on our website under the Corporate Governance tab. The Corporate Governance Guidelines cover a range of governance-related matters, including that the Board of Directors maintain an independent Chairman of the Board, that the Board consist of a super-majority of independent members, minimum stock ownership for members of the Board of Directors and continuing education of members of the Board.

Attendance at Annual Meeting of Stockholders by Directors

All directors are encouraged, but not required to attend our annual meeting of stockholders. At our annual meeting held March 11, 2009, all members of the Board attended.

Process for Recommending Candidates for Election to the Board of Directors

The Governance and Nominating Committee will consider nominees recommended by stockholders. A stockholder that desires to recommend a candidate for election to the Board must direct the recommendation in writing to us at our principal offices

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(Attention: Bret M. DiMarco, Corporate Secretary) and must include the candidate s name, age, home and business contact information, principal occupation or employment, the number of shares beneficially owned by the nominee, whether any hedging transactions have been entered into by the nominee or on his or her behalf, information regarding any arrangements or understandings between the nominee and the stockholder nominating the nominee or any other persons relating to the nomination, a written statement by the nominee acknowledging that the nominee will owe a fiduciary duty to the Company if elected, and any other information required to be disclosed about the nominee if proxies were to be solicited to elect the nominee as a director. For a stockholder recommendation to be considered by the Governance and Nominating Committee as a potential candidate at an annual meeting, nominations must be received on or before the deadline for receipt of stockholder proposals for such meeting. In the event a stockholder decides to nominate a candidate for director and solicits proxies for such candidate, the stockholder will need to follow the rules set forth by the SEC and in our bylaws. See Information Concerning Solicitation and Voting Deadline for Receipt of Stockholder Proposals.

The Governance and Nominating Committee s criteria and process for evaluating and identifying the candidates that it approves as director nominees are as follows:

- the Governance and Nominating Committee regularly reviews the current composition and size of the Board;
- the Governance and Nominating Committee reviews the qualifications of any candidates who have been properly recommended by a stockholder, as well as those candidates who have been identified by management, individual members of the Board or, if the Governance and Nominating Committee determines, a search firm. Such review may, in the Governance and Nominating Committee s discretion, include a review solely of information provided to the Governance and Nominating Committee or may also include discussions with persons familiar with the candidate, an interview with the candidate or other actions that the Governance and Nominating Committee deems proper;
- the Governance and Nominating Committee evaluates the performance of the Board as a whole and evaluates the performance and qualifications of individual members of the Board eligible for re-election at the annual meeting of stockholders;
- the Governance and Nominating Committee considers the suitability of each candidate, including the current members of the Board, in light of the current size and composition of the Board. Except as may be required by rules promulgated by the Nasdaq Stock Market or the SEC, it is the current belief of the Governance and Nominating Committee that there are no specific, minimum qualifications that must be met by any candidate for the Board, nor are there specific qualities or skills that are necessary for one or more of the members of the Board to possess. In evaluating the qualifications of the candidates, the Governance and Nominating Committee considers many factors, including, issues of character, judgment, independence, age, expertise, diversity of experience, length of service, other commitments and the like. The Governance and Nominating Committee evaluates such factors, among others, and does not assign any particular weighting or priority to any of these factors. The Governance and Nominating Committee considers each individual candidate in the context of the current perceived needs of the Board as a whole. While the Governance and Nominating Committee has not established specific minimum qualifications for director candidates, the Governance and Nominating Committee believes that candidates and nominees must reflect a Board that is comprised of directors who (i) are predominantly independent, (ii) are of high integrity, (iii) have qualifications that will increase the overall effectiveness of the Board, and (iv) meet other requirements as may be required by applicable rules, such as financial literacy or financial expertise with respect to audit committee members;
- in evaluating and identifying candidates, the Governance and Nominating Committee has the authority to retain and terminate any third party search firm that is used to identify director candidates and has the authority to approve the fees and retention terms of any search firm; and

•	after such review	and consideration,	the Governance a	nd Nominating	Committee	recommends the	he slate of d	irector non	ninees to the
full Board	for its approval.								

The Governance and Nominating Committee will endeavor to notify, or cause to be notified, all director candidates, including those recommended by a stockholder, of its decision as to whether to nominate such individual for election to the Board.

Stockholder Communication with the Board of Directors

We believe that management speaks for Coherent. Any stockholder may contact any of our directors by writing to them by mail c/o Bret M. DiMarco, Executive Vice President and General Counsel, at our principal executive offices, the address of which appears on the cover of this proxy statement.

Any stockholder may report to us any complaints regarding accounting, internal accounting controls, or auditing matters. Any stockholder who wishes to so contact us should send such complaints to the Audit Committee c/o Bret M. DiMarco, Executive Vice President and General Counsel, at our principal executive offices, the address of which appears on the cover of this proxy statement.

Any stockholder communications that the Board is to receive will first go to Mr. DiMarco, our General Counsel, who will log the date of receipt of the communication as well as the identity and contact information of the correspondent in our stockholder communications log. After logging the communication, Mr. DiMarco will forward the communication to the Chairman of the Board (in the case of communications directed to the whole Board) or to the applicable individual director(s) addressed in the correspondence.

In the case of any complaints, Mr. DiMarco will review, summarize and, if appropriate, investigate the complaint under the direction of the appropriate committee of the Board in a timely manner. In the case of accounting or auditing related matters, a member of the Audit Committee, or the Audit Committee as a whole, will then review the summary of the communication, the results of the investigation, if any, and, if appropriate, the draft response. The summary and response will be in the form of a memo, which will become part of the stockholder communications log that the General Counsel maintains with respect to all stockholder communications.

Director Compensation

During fiscal 2009, we paid our non-employee directors an annual retainer (depending upon position) and for service on the Board as follows:

Position	Annu	al Retainer
Board Member	\$	40,000
Board Chair	\$	16,000
Audit Committee Chair	\$	34,000
Compensation and H.R. Comm. Chair	\$	16,000
Governance & Nominating Comm. Chair	\$	10,750
Audit Committee member (non-Chair)	\$	12,500
Compensation and H.R. Committee member (non-Chair)	\$	8,500
Governance and Nominating Committee member (non-Chair)	\$	6,500

The chart below summarizes the gross cash amounts earned by non-employee directors for service during fiscal 2009 on the Board and its committees (all amounts in dollars):

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Name	Annual Board and Chairperson service(1)	Audit Committee(1)	Compensation and H.R. Committee(1)	Nominating and Governance Committee(1)	Special Committee	Special Litigation Committee	Total
John H. Hart	40,000	6,250	12,250	3,250			61,750
Susan James	40,000	12,500		6,500			59,000
L. William Krause	20,000(2)		4,250				24,250
Garry W. Rogerson	56,000	6,250	8,500	7,000			77,750
Lawrence Tomlinson	40,000	34,000					74,000
Sandeep Vij	40,000		12,250	5,375		48,000	105,625
Former Director							
Clifford Press	40,000			4,875			44,875

⁽¹⁾ Includes the annual retainer.

(2) Includes pro rated amount for service as a director after joining in June 2009.

The chart below summarizes the amounts earned by non-employee directors for service (including both Board and, where applicable, committee service) during fiscal 2009:

Name	Fees Paid in Cash (\$)	Stock Awards (\$)(1)(2)	Option Awards (\$)(1)(2)	Total (\$)
John H. Hart	61,750	60,018	43,870	165,638
Susan James	59,000	24,644	64,257	147,901
L. William Krause	24,250	4,460	26,316	55,026
Clifford Press*	44,875	24,644	64,257	133,776
Garry W. Rogerson	77,750	35,316	31,843	144,909
Lawrence Tomlinson	74,000	36,860	31,843	142,703
Sandeep Vij	105,625	35,316	31,843	172,784

^{*} Former Director

- These amounts do not reflect compensation actually received. Rather, these amounts represent the aggregate expense recognized by the Company for financial statement reporting purposes in fiscal 2009, in accordance with ASC 718, for restricted stock units and stock options which were granted in fiscal 2009 and prior to fiscal 2009 under the Company s Director Stock Plan. The assumptions used to calculate the value of these stock units and stock options are set forth in Note 12, Employee Stock Option and Benefit Plans of the Notes to the Consolidated Financial Statements in our Annual Report on Form 10-K for the year ended October 3, 2009.
- (2) The directors aggregate holdings of restricted stock units as of the end of fiscal 2009 were as follows (the vesting for which is 100% on March 19, 2011 for 2,000 shares (for all except Mr. Krause) and 100% on April 1, 2012 for 2,000 shares to the extent such individual is a member of the Board at such time):

John H. Hart	4,000 shares
Susan James	4,000 shares
L. William Krause	2,000 shares
Garry W. Rogerson	4,000 shares
Lawrence Tomlinson	4,000 shares
Sandeep Vij	4,000 shares
Former Director	
Clifford Press	4,000 shares

(3) The directors aggregate holdings of stock option awards (both vested and unvested) as of the end of fiscal 2009 were as follows:

John H. Hart	58,500 shares
Susan James	30,000 shares
L.William Krause	24,000 shares
Garry W. Rogerson	59,000 shares
Lawrence Tomlinson	50,800 shares

Sandeep Vij	60,000 shares
Former Director	
Clifford Press	30,000 shares

The following table shows equity grants received by non-employee directors in fiscal 2009:

Name	Restricted Stock Units Granted in Fiscal 2009 (#)	Stock Options Granted in Fiscal 2009 (# shares)
John H. Hart	2,000	6,000
Susan James	2,000	6,000
L. William Krause	2,000	24,000
Garry W. Rogerson	2,000	6,000
Lawrence Tomlinson	2,000	6,000
Sandeep Vij	2,000	6,000
Former Director		
Clifford Press	2,000	6,000

Our 1998 Directors Stock Plan was adopted by the Board on November 24, 1998 and was approved by the stockholders on March 17, 1999. The 1998 Directors Stock Plan was amended on March 23, 2003, and was further amended on March 30, 2006, when the 1998 Directors Stock Plan was renamed the 1998 Director Stock Plan (the 1998 Director Plan). As of September 30, 2007, 150,000 shares were reserved for issuance thereunder. Under the terms of the 1998 Director Plan, the number of shares reserved for issuance thereunder is increased each year by the number of shares necessary to restore the total number of shares reserved to 150,000 shares.

As of October 3, 2009, the 1998 Director Plan provided for the automatic and non-discretionary grant of a non-statutory stock option to purchase 24,000 shares of the Company s common stock to each non-employee director on the date on which such person becomes a director. Thereafter, each non-employee director will be automatically granted a non-statutory stock option to purchase 6,000 shares of common stock on the date of and immediately following each Annual Meeting of Stockholders at which such non-employee director is reelected to serve on the Board, if, on such date, he or she has served on the Board for at least three months. Such plan provides that the exercise price must be equal to the fair market value of the common stock on the date of grant of the options.

Additionally, as of October 3, 2009, the 1998 Director Plan provides for the automatic and non-discretionary grant of 2,000 restricted stock units (RSUs) to each non-employee director on the date on which such person becomes a director. Thereafter, each non-employee director will be automatically granted 2,000 RSUs on the date of and immediately following each Annual Meeting of Stockholders at which such non-employee director is reelected to serve on the Board, if, on such date, he or she has served on the Board for at least three months.

The 1998 Director Plan provides that with respect to any options held by a director who retires after at least eight years of service on the Board, such director will fully vest in and have the right to exercise his or her option as to both vested and unvested shares as of such date. The option will remain exercisable for the lesser of (i) two (2) years following the date of such director s retirement or (ii) the expiration of the option s original term.

As of October 3, 2009, 196,700 shares have been issued upon the exercise of options and the vesting of restricted stock units under the 1998 Director Plan. There were no options exercised by non-employee directors during fiscal 2009.

Vote Required

Every stockholder voting for the election of directors may cumulate such stockholder s votes and give one candidate a number of votes equal to the number of directors to be elected multiplied by the number of votes to which the stockholder s shares are entitled. Alternatively, a stockholder may distribute his or her votes on the same principle among as many candidates as the stockholder thinks fit, provided that votes cannot be cast for more than [six] [(6)] candidates. However, no stockholder will be entitled to cumulate votes for a candidate unless (i) such candidate s name has been properly placed in nomination for election at the Annual Meeting prior to the voting and (ii) the stockholder, or any other stockholder, has given notice at the meeting prior to the voting of the intention to cumulate the stockholder s votes. If cumulative voting occurs at the meeting and you do not specify how to distribute your votes, your proxy holders (the individuals named on your proxy card) will cumulate votes in such a manner as will ensure the election of as many of the nominees listed above as possible, and the specific nominees to be voted for will be determined by the proxy holders.

If a quorum is present, the six (6) nominees receiving the highest number of votes will be elected to the Board. See Information Concerning Solicitation and Voting Quorum; Abstentions; Broker Non-Votes.

THE BOARD RECOMMENDS THAT STOCKHOLDERS VOTE FOR THE SIX NOMINEES PRESENTED HEREIN.

PROPOSAL TWO

RATIFICATION OF APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Audit Committee of the Board has selected Deloitte & Touche LLP, an independent registered public accounting firm, to audit our financial statements for the fiscal year ending October 2, 2010, and recommends that stockholders vote for ratification of such appointment. Deloitte & Touche LLP has audited our financial statements since the fiscal year ended September 25, 1976. Although ratification by stockholders is not required by law, the Audit Committee has determined that it is desirable to request ratification of this selection by the stockholders as a matter of good corporate practice. Notwithstanding its selection, the Audit Committee, in its discretion, may appoint a new independent registered public accounting firm at any time during the year if the Audit Committee believes that such a change would be in the best interest of Coherent and its stockholders. If the stockholders do not ratify the appointment of Deloitte & Touche LLP, the Audit Committee may reconsider its selection. The Audit Committee selected Deloitte & Touche LLP to audit our financial statements for the fiscal year ended October 3, 2009, which was ratified by our stockholders.

Representatives of Deloitte & Touche LLP are expected to be present at the meeting and will be afforded the opportunity to make a statement if they desire to do so. The representatives of Deloitte & Touche LLP are also expected to be available to respond to appropriate questions.

Principal Accounting Fees and Services

The following table sets forth fees for services Deloitte & Touche LLP, the member firms of Deloitte Touche Tohmatsu, and their respective affiliates (collectively, Deloitte) provided during fiscal years 2009 and 2008:

	2009	2008
Audit fees(1)	\$ 1,693,202	\$ 4,753,342
Audit-related fees		
Tax fees		
All other fees(2)	72,375	34,300
Total	\$ 1,765,577	\$ 4,787,642

Represents fees for professional services provided in connection with the integrated audit of our annual financial statements and internal control over financial reporting and review of our quarterly financial statements, advice on accounting matters that arose during the audit and audit services provided in connection with other statutory or regulatory filings. The 2008 amount includes approximately \$1,885,000 incurred during fiscal 2008 for additional services related primarily to the restatement of our consolidated financial statements for the fiscal years 1995 through 2005.

⁽²⁾ Represents the annual subscription for access to the Deloitte Accounting Research Tool, which is a searchable on-line accounting database (\$2,000) in both fiscal years, due diligence associated with our acquisition activities in fiscal 2009 and project assistance in fiscal 2009.

Pre-Approval of Audit and Non-Audit Services

The Audit Committee has determined that the provision of non-audit services by Deloitte is compatible with maintaining Deloitte s independence. In accordance with its charter, the Audit Committee approves in advance all audit and non-audit services to be provided by Deloitte. In other cases, the Chairman of the Audit Committee has the delegated authority from the Committee to pre-approve certain additional services, and such pre-approvals are communicated to the full Committee at its next meeting. During fiscal 2009, 100% of the services were pre-approved by the Audit Committee in accordance with this policy.

Vote Required

The affirmative vote of a majority of the votes cast will be required to ratify the selection of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending October 2, 2010.

THE AUDIT COMMITTEE UNANIMOUSLY RECOMMENDS THAT STOCKHOLDERS VOTE FOR THE RATIFICATION OF THE APPOINTMENT OF DELOITTE & TOUCHE LLP AS OUR INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR THE FISCAL YEAR ENDING OCTOBER 2, 2010.

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SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

Security Ownership of Certain Beneficial Owners and Management

The following table sets forth, as of December 31, 2009, certain information with respect to the beneficial ownership of common stock by (i) any person (including any group as that term is used in Section 13(d)(3) of the Exchange Act known by us to be the beneficial owner of more than 5% of our voting securities, (ii) each director and each nominee for director, (iii) each of the executive officers named in the Summary Compensation Table appearing herein, and (iv) all executive officers and directors as a group, based on information available to the Company as of filing this proxy statement. We do not know of any arrangements, including any pledge by any person of our securities, the operation of which may at a subsequent date result in a change of control. Unless otherwise indicated, the address of each stockholder in the table below is c/o Coherent, Inc., 5100 Patrick Henry Drive, Santa Clara, California 95054.

		Percent of
Name and Address	Number of Shares	Total (1)
Dimensional Fund Advisors(2) 1299 Ocean Ave., 11th Floor Santa Monica, CA 90401	2,112,114	8.57%
Eagle Asset Management, Inc.(2) 880 Carillon Parkway St. Petersburg, FL 33716	1,591,365	6.46%
Wells Fargo Capital Management(2) 525 Market Street, 10th Floor San Francisco, CA 94105	1,325,076	5.38%
John R. Ambroseo, PhD(3)	686,880	2.72%
Helene Simonet(4)	263,273	1.07%
Luis Spinelli(5)	86,835	*
Bret M. DiMarco(6)	75,115	*
Ronald Victor		*
John H. Hart(7)	54,000	*
Susan James(8)	8,000	*
L. William Krause(9)		*
Garry W. Rogerson, PhD(10)	53,000	*
Lawrence Tomlinson(11)	24,200	*
Sandeep Vij(12)	56,600	*
All directors and executive officers as a group (10 persons)(13)	1,307,903	5.07%

^{*} Represents less than 1%.

⁽¹⁾ Based upon 24,644,071 shares of Coherent common stock outstanding as of December 31, 2009. Beneficial ownership is determined in accordance with the rules of the SEC and generally includes voting or investment power with respect to the securities. In computing the number of shares beneficially owned by a person and the percentage ownership of that person, each share of Coherent common stock subject to options held by that person that are currently exercisable or will be exercisable within 60 days of December 31, 2009 and all shares of restricted stock which are vested on December 31, 2009, are deemed outstanding. For Dr. Ambroseo, Ms. Simonet and Messrs. Spinelli and DiMarco, no shares of performance-based restricted stock or restricted stock units are included. In addition, such shares, are not deemed outstanding for the purpose of computing the percentage ownership of any other person.

⁽²⁾ Based on the most recent Schedule 13F, 13D or Schedule 13G (or amendments thereto) filed by such person with the SEC prior to the date of filing this report and a review of a stockholder listing report provided by a third party provider.

⁽³⁾ Includes 605,200 shares issuable upon exercise of options and 7,500 shares issuable upon vesting of RSUs held by Dr. Ambroseo which were exercisable or would become exercisable or vested, as the case may be, within 60 days of December 31, 2009.

⁽⁴⁾ Includes 238,983 shares issuable upon exercise of options and 4,167 shares issuable upon vesting of RSUs held by Ms. Simonet which were exercisable or would become exercisable or vested, as the case may be, within 60 days of December 31, 2009.

⁽⁵⁾ Includes 77,900 shares issuable upon exercise of options and 1,667 shares issuable upon vesting of RSUs held by Mr. Spinelli which were exercisable or would become exercisable or vested, as the case may be, within 60 days of December 31, 2009.

⁽⁶⁾ Includes 67,083 shares issuable upon exercise of options and 3,333 shares issuable upon vesting of RSUs held by Mr. DiMarco which were exercisable or would become exercisable or vested, as the case may be, within 60 days of December 31, 2009.

⁽⁷⁾ Includes 49,500 shares issuable upon exercise of options held by Mr. Hart which were exercisable or would become exercisable within 60 days of December 31, 2009.

(8) Includes 8,000 shares issuable upon exercise of options held by Ms. James which were exercisable or would become

- exercisable within 60 days of December 31, 2009.
- (9) Mr. Krause was elected to the Board in June 2009, and accordingly, has no options which were exercisable or would become exercisable within 60 days of December 31, 2009.
- (10) Includes 50,000 shares issuable upon exercise of options held by Dr. Rogerson which were exercisable or would become exercisable within 60 days of December 31, 2009.
- (11) Includes 21,000 shares issuable upon exercise of options held by Mr. Tomlinson which were exercisable or would become exercisable within 60 days of December 31, 2009.
- (12) Includes 51,000 shares issuable upon exercise of options held by Mr. Vij which were exercisable or would become exercisable within 60 days of December 31, 2009.
- (13) Includes an aggregate of 1,168,666 options and 16,667 shares issuable upon vesting of RSUs which were exercisable or would become exercisable or vested, as the case may be, within 60 days of December 31, 2009. This does not include any shares held by our former director, Mr. Press or Oliver Press Partners LLC and its affiliates.

Section 16(a) Beneficial Ownership Reporting Compliance

Section 16(a) of the Securities Exchange Act of 1934 (the Exchange Act) requires our officers and directors, and persons who own more than ten percent of a registered class of our equity securities to file reports of ownership and changes in ownership with the SEC. Such officers, directors and ten-percent stockholders are also required by SEC rules to furnish us with copies of all forms that they file pursuant to Section 16(a). Based solely on our review of the copies of such forms received by us, and on written representations from certain reporting persons that no other reports were required for such persons, we believe that, during fiscal 2009, our officers, directors and greater than ten percent stockholders complied with all applicable Section 16(a) filing requirements, except that due to an administrative error the Forms 4 for the automatic director grants to our independent directors at our last annual meeting (Messrs. Hart, Press, Tomlinson and Vij, Ms. James and Dr. Rogerson) were filed late.

EXECUTIVE OFFICERS AND EXECUTIVE COMPENSATION

Executive Officers

The name, age, position and a brief account of the business experience of our chief executive officer and each of our other executive officers as of December 31, 2009 are set forth below:

Name	Age	Office Held
John R. Ambroseo, PhD	48	President and Chief Executive Officer
Helene Simonet	57	Executive Vice President and Chief Financial Officer
Luis Spinelli	62	Executive Vice President and Chief Technology Officer
Bret M. DiMarco	41	Executive Vice President, General Counsel and Corporate
		Secretary

Please see Proposal One Election of Directors Nominees above for Dr. Ambroseo s biographical information.

Helene Simonet. Ms. Simonet has served as our Executive Vice President and Chief Financial Officer since April 2002. Ms. Simonet served as Vice President of Finance of our former Medical Group and Vice President of Finance, Photonics Division from December 1999 to April 2002. Prior to joining Coherent, she spent over twenty years in senior finance positions at Raychem Corporation s Division and Corporate organizations, including Vice President of Finance of the Raynet Corporation. Ms. Simonet has both Master s and Bachelor degrees from the University of Leuven, Belgium.

Luis Spinelli. Mr. Spinelli has served as our Executive Vice President and Chief Technology Officer since February 2004. Mr. Spinelli joined the Company in May 1985 and has since held various engineering and managerial positions, including Vice President, Advanced Research from April 2000 to September 2002 and Vice President, Corporate Research from September 2002 to February 2004. Mr. Spinelli has led the Advanced Research Unit from its inception in 1998, whose charter is to identify and evaluate new and emerging technologies of interest for us across a range of disciplines in the laser field. Mr. Spinelli holds a degree in Electrical Engineering from the University of Buenos Aires, Argentina with post-graduate work at the Massachusetts Institute of Technology.

Bret M. DiMarco. Mr. DiMarco has served as our Executive Vice President and General Counsel since June 2006 and our Corporate Secretary since February 2007. From February 2003 until May 2006, Mr. DiMarco was a member and from October 1995 until January 2003 was an associate at Wilson Sonsini Goodrich & Rosati, P.C., a law firm. Mr. DiMarco received a Bachelor degree from the University of California at Irvine and a Juris Doctorate degree from the Law Center at the University of Southern California. He is also an adjunct professor of law at the University of California Hastings College of the Law, teaching corporate law and mergers & acquisitions.

Compensation Discussion and Analysis

Our Executive Compensation Philosophy

Our executive compensation programs are designed to provide strong alignment between executive pay and performance and to focus executives on making policies and decisions that enhance our stockholder value in both the short and long term. As we explain further below, the Compensation and H.R. Committee is highly focused on having a significant portion of our executive officers compensation tied to achieving certain performance goals. Accordingly, our objectives for executive compensation programs are to:

- Ensure that the executive team has clear goals and accountability with respect to our financial performance;
- Attract, motivate and retain talented executives who are responsible for the success of our company by maintaining a total compensation program that is competitive with the prevailing practices in our industry;
- Provide market levels of pay for meeting target performance expectations, with above market pay for performance above target and below market pay for performance below target;
- Be mindful in our design of an executive compensation structure of both our historical practices, as well as the evolving practices in our industry as well as the broader high technology industry;

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Promote our culture of integrity by properly rewarding appropriate risk taking, while not promoting excessive risk taking; and

 Prudently utilize discretion to make awards that differ from the defined pay structure, as warranted, to recognize exceptional circumstances and performance.
Throughout this discussion, our chief executive officer and chief financial officer during fiscal 2009, as well as the other individuals who are included in the Fiscal 2009 Summary Compensation Table, are referred to as our Named Executive Officers.
Compensation and H.R. Committee Operations and Decision Making
The committee held five (5) meetings in fiscal 2009. Historically, the committee has considered Named Executive Officer base salary and other compensation during March or April of each fiscal year. For fiscal 2009, the committee approved the measurement matrix for fiscal 2009 cash bonuses in November 2008, salaries in December 2008 and made equity grants in November 2008. For fiscal 2010 executive compensation, the committee acted in November 2009 in order to move the compensation consideration process to tie more closely with the beginning of the fiscal year.
Role and Authority of Our Compensation and H.R. Committee
Following our annual meeting in March, 2009, the membership of the Compensation and H.R. Committee consisted of Messrs. Vij (Chair) and Hart and Dr. Rogerson. Following his appointment to the Board, Mr. Krause became a member of the committee in June 2009. Each of these individuals qualifies as (i) an independent director under the requirements of The NASDAQ Stock Market, (ii) a non-employee director under Rule 16b-3 of the Securities Exchange Act of 1934 (the 1934 Act), (iii) an outside director under Section 162(m) of the Code and (iv) an independent outside director as that term is defined by RiskMetrics Group, formerly Institutional Shareholder Services.
The Compensation and H.R. Committee is responsible for ensuring that our executive compensation programs are effectively designed, implemented and administered. In particular, the committee reviews the corporate goals and objectives and approves the compensation for our Named Executive Officers. The compensation includes base salary and incentive non-equity and equity compensation as well as executive benefits and perquisites. The committee has sole authority delegated to it by the Board to make equity grants to our Named Executive Officers.

The committee may meet with or without management present, at its discretion. At most of its meetings, the committee conducts an executive session without management present. The objective of these sessions is to enable the committee to discuss compensation issues without those who will be affected by the decisions in attendance.

Corporate Governance. The committee reviews its charter annually and, where appropriate, revises it accordingly

Our Compensation and H.R. Committee has adopted a charter, a copy of which may be found on our website at

www.coherent.com

for Board approval.

Company

Role of Executive Officers in Compensation Decisions

The Compensation and H.R. Committee regularly meets with Dr. Ambroseo, our chief executive officer, to obtain recommendations with respect to the compensation programs, practices and packages for our Named Executive Officers other than Dr. Ambroseo. Additionally, Ms. Simonet, our executive vice president and chief financial officer, and Mr. DiMarco, our executive vice president and general counsel are regularly invited to meetings of the committee or otherwise asked to assist the committee. Additionally, during fiscal 2009, members of our human resources group regularly attended the committee s meetings. The assistance of these individuals includes providing financial information and analysis for the committee and its compensation consultant, taking minutes of the meeting or providing legal advice, the development of compensation proposals for consideration, and providing insights regarding our employees (executive and otherwise) and the business context for the committee s decisions. Named Executive Officers will attend portions of committee meetings when requested, but will leave the meetings as appropriate when matters which will potentially affect them personally are discussed. From time to time, outside legal counsel attends committee meetings. The Compensation and H.R. Committee makes decisions regarding Dr. Ambroseo s compensation without him present.

Role of Compensation Consultants

In fiscal 2009, the Compensation and H.R. Committee engaged Farient Advisors (Farient) as its independent compensation consultants. Farient was retained to comprehensively review and analyze our executive compensation program and to make recommendations for fiscal 2009 compensation. Farient serves at the discretion of the committee and is not permitted to do other work for the Company unless it was expressly authorized by the committee. Since its retention, Farient has not done any work for the Company other than its work with the committee. The committee believes that it is critical for its compensation consultant to meet

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with members of management, especially our chief executive officer, to obtain their perspectives on the context for decision-making and impact of compensation recommendations. The committee is focused on maintaining the independence of Farient and, accordingly, does not anticipate having Farient perform any other work for the Company in addition to its direct work for the committee.

Additionally, we participate in and maintain a subscription to the Radford Executive Compensation Survey. This survey provides benchmark data and overall practices reports to assist us with regards to employees generally. Such data includes executive compensation data and is presented from time to time to the committee at its request.

The Board also determined that a separate consultant was needed for Board-related compensation to avoid any perceived conflict of interest for the committee s advisor with respect to management compensation, Farient. Mr. DiMarco, our general counsel and corporate secretary, on behalf, and at the direction, of the Board, retained Compensia, Inc. (Compensia) to provide a comprehensive review on compensation for membership on the Board and its committees. During fiscal 2009, the Board effected the prior recommendations from Compensia in setting compensation for service on the Board and its committees.

The table below sets forth director cash compensation for fiscal 2009:

Position	Annual Retainer(1)	
Board Member	\$	40,000
Board Chair	\$	16,000
Audit Committee Chair	\$	34,000
Compensation and H.R. Comm. Chair	\$	16,000
Governance & Nominating Comm. Chair	\$	10,750
Audit Committee member (non-Chair)	\$	12,500
Compensation and H.R. Committee member (non-Chair)	\$	8,500
Governance and Nominating Committee member (non-Chair)	\$	6,500

(1) The annual retainer is paid quarterly in equal installments.

Pay Positioning Strategy and Benchmarking of Compensation

We have striven to position the midpoint of our target compensation ranges near the 50th percentile of our peers, resulting in targeted total compensation that is competitive within our labor market for performance that meets the objectives established by the committee. An individual s actual salary, non-equity incentive compensation opportunity and equity compensation may fall below or above the target position based on the individual s experience, seniority, skills, knowledge, performance and contributions. These factors are weighed individually by the committee in its judgment, and no one factor takes precedence over others nor is any formula used in making these decisions. The chief executive officer s review of the performance of the other Named Executive Officers is carefully considered by the committee in making individual pay decisions. Actual realized pay will be higher or lower than the targeted amounts for each individual based primarily on the Company s performance.

In analyzing our executive compensation program relative to this target market positioning, the committee reviewed information provided by its independent compensation consultant, which includes an analysis of data from peer companies proxy filings with respect to similarly situated individuals at the peer companies and from multiple compensation survey sources, including a broad cross-section of technology companies of similar size to Coherent from the Radford Executive Compensation Survey and survey data provided by Salary.com. For pay decisions made in fiscal 2009, Farient recommended that the committee approve modifications to the group of peer companies for conducting compensation analyses from proxies to better reflect our size, strategy and business. For fiscal 2009, the peer companies were Altera Corporation, Axcelis Technologies, Inc., Cymer Inc., Integrated Device Technology, FEI Company, FLIR Sytems, Inc., GSI Group, Inc., JDS Uniphase, Linear Technology, Newport Corporation, Plantronics Inc., PMC-Sierra, Inc. and Trimble Navigation Limited. Following recommendations from Farient, the committee removed Adaptec, Inc., Cirrus Logic, Inc., Cypress Semiconductor Corp., Lam Research Corp. and Novellus Systems, Inc. and added FLIR Systems, Inc. and GSI Group, Inc. to the peer group for fiscal 2009. The committee also was mindful and took into consideration the recent policy update by RiskMetrics with regards to the formulation and use of peer groups and the relative size of peers, although the peer group selected is not confined to the Global Industrial Classification System (GICS) code for Coherent.

The committee annually reviews and updates, if necessary, the peer group used for proxy analyses to ensure that the comparisons are meaningful. Several factors are considered in selecting the peer group, the most important of which are:

• Industry (primarily companies in the Electronic Equipment and Semiconductor sub-industry classifications defined by the Global Industry Classification Standard (GICS) system);
• Revenue level (as a proxy for complexity) (primarily companies with between \$200 million and \$2 billion in revenues); and
• Geographic location (U.S. technology markets).
The committee s perspective is that companies that meet these criteria are the most likely competitors for executive talent in our labor markets
Components of Compensation
The principal components of our executive officer compensation and employment arrangements during fiscal 2009 included:
• Base salary;
• Variable non-equity incentive payments;
• Long-term equity awards through time-based stock options;
• Long-term equity awards through time-based restricted stock units;
• Long-term equity incentive awards through performance-based restricted stock units (active from earlier grants, but no new grants during fiscal 2009);
• Change of control protection through participation in our Change of Control Plan;
 Retirement savings matching benefits provided under a 401(k) plan and under our deferred compensation plan;

- Executive perquisites; and
- Benefit programs generally available to other employees.

These components were selected because the committee believes that a combination of salary, incentive pay, benefits and perquisites is necessary to help us attract and retain the executive talent on which Coherent success depends and in recognition of some of the benefits which have historically been available to executives. The variable and equity components are structured to allow the committee to reward performance throughout the fiscal year and to provide an incentive for executives to appropriately balance their focus on short-term and long-term strategic goals. The fixed components, including salary, benefits and perquisites, are structured to provide a minimum level of security for our executives relative to their day-to-day spending needs and long-term needs for income and are intended to be competitive with the levels of base income that each executive could receive from similar employment at other companies. The committee believes that, when taken together, these components are effective in achieving the objectives of our compensation program and philosophy and are reasonable relative to our strategy of managing total compensation near the 50th percentile of market practices.

The committee annually reviews the entire compensation program with the assistance of Farient, its independent compensation consultant. The committee reviews change in control protections every two years upon renewal of the plan. However, the Compensation and H.R. Committee may at any time review one or more components as necessary or appropriate to ensure such components remain competitive and appropriately designed to reward performance. In setting compensation levels for a particular Named Executive Officer, the committee considers both individual (as described above) and corporate factors.

During fiscal 2009, the committee made two types of equity grants: (a) stock options and (b) time-based restricted stock units. As a result of the Company's historical equity grant review, the committee did not make any equity grants to the Named Executive Officers during fiscal 2007. During fiscal 2009, the committee made three types of grants to the Named Executive Officers: (a) an option grant to address missed cycle grants in fiscal 2007, (b) a grant of time-based restricted stock units and (c) as part of the committee's focus on tying a significant portion of the Named Executive Officers' compensation to performance criteria, performance-based restricted stock units which will vest (assuming achievement of the performance metrics) in November, 2010 (as discussed more fully below). As these performance-based restricted stock units will be measured for calculation of vesting in November, 2010, the committee believed that it was in the best interests of the Company and its stockholders to utilize stock options and time-based grants in fiscal 2009, due to the uncertain economic climate and the resulting challenge in setting metrics for performance-based restricted stock units.

Base Salary and Variable Non-Equity Incentive Compensation
Base Salary
We provide base salary to our Named Executive Officers and other employees to compensate them for services rendered on a day-to-day basis during the fiscal year. The committee reviewed information provided by its independent compensation consultant with respect to similarly situated individuals at the peer companies to assist it in determining base salary for each Named Executive Officer. In addition, the committee considers each individual s experience, skills, knowledge and responsibility. In reviewing each Named Executive Officer other than the chief executive officer, the committee also considers such individual s performance review provided by the chief executive officer. With respect to the chief executive officer, the committee additionally considers the performance of Coherent as a whole.
During the first quarter of fiscal 2009, upon management s recommendation, the committee determined not to increase the salaries of the executive officers for fiscal 2009 due to the uncertain economic climate. Prior to making this determination the committee discussed management s recommendation with Farient, which agreed with the recommendation.
Variable Non-Equity Incentive Compensation
To focus each executive officer on the importance of the performance of Coherent, a substantial portion of each individual s potential short-term compensation is in the form of variable incentive pay that is tied to achieving goals established by the Compensation and H.R. Committee. In fiscal 2009, Coherent maintained one incentive cash program under which executive officers were eligible to receive bonuses, the 2009 Variable Compensation Plan (2009 VCP).
2009 VCP
The 2009 VCP was designed to promote the growth and profitability of Coherent during the difficult economic situation facing the industry. It provided incentive compensation opportunity in line with targeted market rates to our Named Executive Officers who are critical to the successful development and attainment of the Company s business objectives. Under the 2009 VCP, participants were eligible to receive quarterly bonuses if specific performance goals set by the committee at the beginning of the year were achieved. The committee established these goals when it adopted the 2009 VCP during the first quarter of fiscal 2009. In setting the performance goals, the Compensation and H.R. Committee assessed the anticipated difficulty and relevant importance to the success of Coherent of achieving the performance goals.

The actual awards (if any) payable for each quarter varied depending on the extent to which actual performance met, exceeded or fell short of the goals approved by the committee. The 2009 VCP established goals tied to the Company achieving varying levels of adjusted EBITDA as a percentage of sales, with a payout modifier tied to the level of the adjusted EBITDA for the measurement period. For purposes of the 2009 VCP, adjusted EBITDA was defined as earnings before interest, taxes, depreciation, amortization and certain other non-operating income and expense items and other items, such as the fiscal impact of stock option expensing under Financial Accounting Standards Board, or FASB, Accounting Standards Codification, or ASC 718 (formerly Statement of Financial Accounting Standards No. 123(R), Share-Based Payments, or SFAS 123(R)), stock investigation costs and litigation related thereto, impairment or restructuring charges, and the impact of significant acquisitions. In order to achieve any payout, the Company s adjusted EBITDA for any quarter in fiscal 2009 had to exceed 13%:

Adj. EBITDA	Payout
Achievement	Modifier
Less than 13%	0%
14%	25%
15%	50%
16%	100%
17%	200%

Therefore, if Coherent failed to achieve at least 13% adjusted EBITDA for a particular quarter, the participant would not receive any bonus for that particular quarter. As noted above, the committee set these performance goals to focus the management team on increasing the performance of the Company through meeting and improving the Company s adjusted EBITDA. The committee and Farient chose to focus on operating results so that the executive management was incentivized to deliver the type of sustainable operations that benefits our stockholders. Based on publicly available information and news reports, management and the

committee noted that a number of other public companies adjusted or otherwise modified their bonus programs to allow for payouts for lower than projected performances due in part to the general economic turndown. However, management recommended and the committee agreed that the 2009 VCP should not be adjusted mid-year or otherwise to address the economic downturn, which acted to further align executive compensation and company performance. Accordingly, as seen below, there was only a minor payout in the first fiscal quarter under the 2009 VCP and none in the second, third and fourth fiscal quarters. Given the general economic conditions facing the Company and the rest of the industry and the fact that ultimately little to no payout was earned under the 2009 VCP, the committee believes that the goals were reasonably difficult to achieve.

The table below describes for each Named Executive Officer under the 2009 Variable Compensation Plan (i) the target percentage of base salary, (ii) the potential award range as a percentage of base salary, and (iii) the actual award earned for fiscal 2009.

	Target	Payout		Actual Award
Named Executive	Percentage	Percentage Range of	A.4. J.A J(1)	Percentage of
Officer	of Salary	Salary	Actual Award(1)	Salary(2)(3)
John Ambroseo	100%	0-200%	\$ 2,262	*%
Helene Simonet	70%	0-200%	\$ 1,010	*%
Bret DiMarco	50%	0-200%	\$ 585	*%
Luis Spinelli	50%	0-200%	\$ 499	*%

^{*} Less than 1%

- (1) Reflects amounts earned during fiscal 2009.
- (2) This reflects the aggregate quarterly bonuses earned by the Named Executive Officers for fiscal 2009 under the 2009 Variable Compensation Plan.
- (3) As seen in the plan-based award table below, no payments were made for the second, third and fourth fiscal quarter under the 2009 Variable Compensation Plan as the Company did not achieve the minimum performance requirements.

Long-Term, Equity-Based Incentive Awards

Equity-based awards are made to our employees, including the Named Executive Officers, under our 2001 Stock Plan. The goal of our equity-based award program is to provide employees and executives the perspective of an owner with a stake in the success of Coherent, thus further increasing alignment with our stockholders. Our long-term incentive program may include the grant of stock options, time-based restricted stock/units and/or performance-based restricted stock/units.

When making its compensation decisions, the committee reviews the comprehensive compensation overview prepared by Farient which reflects potential realizable value under current short and long term compensation arrangements for the Named Executive Officer.

Fiscal 2009 Awards

During several meetings over the third and fourth quarters of fiscal 2009 and first quarter of fiscal 2009, the committee met with Farient to discuss the design of an appropriate long-term, equity based incentive award program for fiscal 2009 compensation. The committee determined to base the program largely on a combination of non-qualified stock options and time-based restricted stock units. In particular, the committee

determined that the stock option portion of equity compensation would directly align executive compensation with stockholder interest and the time-based restricted stock units would provide both a retention tool and further tie management s compensation to our performance. The committee believed that to ensure that the grants provided retention and a short and long term effect, the grants would vest over three years through one-year annual cliff vesting.

The following table reflects the grants for the Named Executive Officers for the time-based restricted stock units and non-qualified stock options grants during fiscal 2009:

Named Executive	Time-Based RSU	
Officer	Grants	Non-Qualified Stock Option Grants
John Ambroseo	28,550	75,600
Helene Simonet	10,200	26,950
Bret DiMarco	8,050	21,250
Luis Spinelli	6,700	17,700

Equity Award Practices
Our broad-based employee stock option program is designed to promote long-term retention and recognize individual performance. Participation is driven by the annual review process. Guidelines are based on competitive market practice for grants for new hires, promotions, and ongoing performance-related grants. Typically, an employee may be offered an option or restricted stock unit grant upon beginning employment and may be eligible for periodic grants thereafter. The size of grants (and eligibility for the same) is influenced by the then-current guidelines for non-executive officer grants (if any) and the individual s performance or particular requirements at the time of hire. Employees, including the Named Executive Officers, are also eligible to participate in our Employee Stock Purchase Plan.
Stock Grant Process
The committee s process for granting equity awards is as follows:
• The Compensation and H.R. Committee has the authority to make equity grants to both executive officers and other service providers;
• The Compensation and H.R. Committee will make grants in open trading window periods with grants effective on the date of such meeting, or, if due to exigent circumstances they meet in a closed window period, the grant will be effective 45 days thereafter; and
• The Compensation and H.R. Committee may not grant equity awards by written consent.
During fiscal 2009 equity grants were only made by the Compensation and H.R. Committee.
Stock Grant Policies
The Board and/or the Compensation and H.R. Committee annually considers a burn rate which the annual grants of equity awards under the 2001 Stock Plan will not exceed. Burn rate is the potential dilution of common shares outstanding if all new equity grants are vested and/or exercised, expressed as a percentage of common shares outstanding.
In fiscal 2009, the Compensation and H.R. Committee granted an aggregate of 602,950 shares subject to options, and time-based restricted stock units representing 2.47% of Coherent s outstanding common stock as of October 3, 2009 (excluding automatic grants to directors under the

Director Option Plan). With the assistance of Farient, the committee has reviewed this burn rate relative to peer practices and guidance from RiskMetrics and found that the total dilution was consistent with the median of peer practices and complied with the RiskMetrics guidelines.

In general, we issue only nonqualified stock options to employees and executives, although we have issued incentive stock options in the past. In the last few years, we have typically granted options subject to either two or three year vesting (one grant cycle had an 18 month vest due to the committee being off cycle as a result of the company s historical stock investigation), with an equal tranche vesting on each of the applicable calendar anniversaries following the grant date. These grants typically have a life of six years.

Deferred Compensation

Executive officers are eligible to participate in our 401(k) Retirement Plan on the same terms as all other U.S. employees. Our 401(k) Retirement Plan is a tax-qualified plan and therefore is subject to certain Internal Revenue Code limitations on the dollar amounts of deferrals and Company contributions that can be made to plan accounts. These limitations apply to our more highly-compensated employees (including the Named Executive Officers).

We maintain a Deferred Compensation Plan for executive management personnel and members of the Board. The purpose of the Deferred Compensation Plan is to permit eligible participants the option to defer receipt of compensation pursuant to the terms of the plan. The Deferred Compensation Plan permits participants to contribute, on a pre-tax basis, up to 75% of their base salary earnings, up to 100% of their bonus pay and commissions and up to 100% of directors annual retainer earned in the upcoming plan year. Plan participants may invest deferrals in a variety of different deemed investment options. To preserve the tax-deferred status of deferred compensation plans, the IRS requires that the available investment alternatives be deemed investments. Participants do not have an ownership interest in the funds they select; the funds are only used to measure the gains or losses that are attributed to the participant s deferral account over time. The participant s deferrals and earnings are reflected on our financial statements and remain, respectively, a general asset and unfunded liability of the Company. Participants have the status of unsecured creditors of Coherent

with respect to the payment of plan benefits. Separate distribution elections are made by the plan participant for each plan year and include lump sum payment, annual installments and future year scheduled in-service withdrawals.

At our discretion, we may provide for Company contributions in excess of the Internal Revenue Code limit to qualified 401(k) plans to be made to the non-qualified deferred compensation plan. The calculation for this non-qualified plan contribution is 4% of eligible compensation (as defined by the 401(k) qualified plan) less the 401(k) qualified plan match limit. In fiscal 2009, a contribution was made to the non-qualified deferred compensation plan for certain Named Executive Officers for plan year 2008 at a 6% contribution rate (which was the applicable contribution rate during fiscal 2009). In fiscal 2010, the Company will make a similar contribution for the 2009 plan year at a 4% contribution rate. These amounts are reflected in both the Summary Compensation Table under Other Compensation and in the Non-Qualified Deferred Compensation Table below.

The committee considers the Deferred Compensation Plan to be a reasonable and appropriate program because it allows the Named Executive Officers and members of the Board to accumulate retirement benefits at a rate, relative to their overall income, that is comparable to the rate that other employees are able to accumulate retirement benefits, and promotes executive officer retention by offering a deferred compensation plan that is comparable to and competitive with what is offered by our peer group of companies.

Change in Control and Severance Plan

We have adopted the Change in Control and Severance Plan (the change in control plan) which provides certain benefits in the event of a change in control of Coherent for certain employees, including each of our Named Executive Officers. Benefits are provided under this plan if there is a tender offer or merger resulting in Coherent being acquired by another company or entity and within two years thereafter the executive s employment is subsequently terminated without cause or is voluntarily terminated following a constructive termination. The committee and our Board believe that the prospect of such a change in control would likely result in our executive officers facing personal uncertainties and distractions as to how a change in control might affect them. The committee believes that including our Named Executive Officers in the plan allows them to focus solely on the best interests of our stockholders in the event of a possible, threatened or pending change in control, and encourages them to remain with Coherent despite the possibility that a change in control might affect them adversely. This change in control plan therefore serves as an important retention tool to ensure that personal uncertainties do not dilute our executive s complete focus on promoting stockholder value. The change in control plan was amended in fiscal 2009 for Section 409A-related matters and other administrative matters.

With respect to our chief executive officer, Dr. Ambroseo, the change in control plan provides that in the event that plan benefits plus any other benefits considered parachute payments under the Internal Revenue Code, equal or exceed 3.54 times his base amount (as determined under Internal Revenue Code Section 280G), he will receive an additional payment sufficient to fully offset the impact of any excise tax under 280G. The committee believes that the level of benefits provided under the plan is reasonable and not excessive. See Change in Control Arrangements for more details on this plan.

Executive perquisites and Other Personal Benefits

The committee also provides our executive officers with the following perquisites and other personal benefits: automobile benefit and capped executive medical reimbursement. The committee has determined, with advice from Farient, that the use of a company-leased vehicle and a medical reimbursement benefit are reasonable in the context of the overall compensation levels of our Named Executive Officers, are consistent with a number of other peer companies, have been historical components of compensation for executive officers at the Company and serve as

further retention tools.

We have historically maintained a vehicle program whereby executive officers were eligible to receive either (a) a monthly automobile allowance or (b) have the auto allowance apply as amortization against the purchase price of a vehicle purchased and owned by the Company over such period of time for the amortized value of the automobile to reach 20% of the original value of the car, not to exceed four years (amortized method). During the fourth quarter of fiscal 2009, the committee revised the administration of the program so that executive officers are instead eligible to receive either (a) a monthly automobile allowance or (b) a leased vehicle with up to an aggregate purchase price as follows: (i) \$95,000 for the chief executive officer and (ii) \$75,000 for other executive officers. For those individuals utilizing the automobile allowance alternative, the auto allowance amount is set annually utilizing a prescribed formula. The administration of the leased alternative under the program is through a third party financing agency and, when the leased vehicle alternative is selected, the Company pays the monthly lease for such vehicle. Executive officers are either reimbursed for or provided gas, oil, maintenance and insurance for vehicles leased under this program by the Company. Participants in the auto program incur annual imputed income on the personal use of any vehicles under the program, including fuel and miles, as determined using the Internal Revenue Service Code rules.

Each Named Executive Officer also receives up to \$5,000 per calendar year of reimbursement for uninsured medical expenses with the Company also paying such executive s taxes on the amount of the benefit.

Tax a	and A	Accoun	ting (Consid	lerations
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The Company s compensation programs are affected by each of the following:

- Accounting for Stock-Based Compensation The Company accounts for stock-based compensation in accordance with the requirements of ASC 718. The Company also takes into consideration ASC 718 and other generally accepted accounting principles in determining changes to policies and practices for its stock-based compensation programs.
- Section 162(m) of the Internal Revenue Code This section limits the deductibility of compensation for our chief executive officer and our four other most highly compensated Named Executive Officers unless the compensation is less than \$1 million during any fiscal year or is performance-based under Section 162(m). Our 2001 Stock Plan is designed so that option grants thereunder are fully tax-deductible. Cash compensation and, historically, restricted stock awards are not granted under plans which have been so designed. We may from time to time pay compensation to our executive officers that may not be deductible when, for example, we believe that such compensation is appropriate and in the best interests of the stockholders after taking various factors into consideration, including business conditions and the performance of such executive officer.
- Section 409A of the Internal Revenue Code Section 409A imposes additional significant taxes in the event that an executive officer, director or service provider received deferred compensation that does not satisfy the requirements of Section 409A. We believe that we have designed and operated any plans to appropriately comply with Section 409A.

Compensation Committee Interlocks and Insider Participation

During fiscal 2009, the Compensation and H.R. Committee of the Board consisted of Messrs. Vij (Chair), Hart and Krause and Dr. Rogerson. None of the members of the Compensation and H.R. Committee has been or is an officer or employee of Coherent. None of our executive officers serves on the board of directors or compensation committee of a company that has an executive officer that serves on our Board or Compensation and H.R. Committee. No member of our Board is an executive officer of a company in which one of our executive officers serves as a member of the board of directors or compensation committee of that company.

Compensation and H.R. Committee Report

The Compensation and H.R. Committee of the Board has reviewed and discussed the Compensation Discussion and Analysis required by Item 402(b) of Regulation S-K with management and, based on such review and discussions, the Compensation and H.R. Committee recommended to the Board that the Compensation Discussion and Analysis be included in the proxy and the Company s Annual Report on Form 10-K.

THE COMPENSATION AND H.R. COMMITTEE

Sandeep Vij, Chair John Hart L. William Krause Garry Rogerson

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Fiscal 2009 and Fiscal 2009 Compensation Pay Mix

The primary elements of our executive compensation program are base salary, an annual cash incentive award opportunity, and long-term equity incentive awards. For fiscal 2009, on average, 68% of our NEO s target compensation was delivered in the form of variable annual cash incentives or long-term equity incentives.							
The average target pay mix for our named executive officers during fiscal 2009 can be illustrated as follows:							
Average NEO Target FY09 Pay Mix							

Note: the annual cash incentive amounts represent target awards based on base salary and target bonuses in effect during fiscal year 2009. The long term incentives include stock options (based on the dollar amount recognized for financial statement reporting purposes for fiscal 2009 in accordance with ASC 718) and restricted stock units (using the grant date face value).

Fiscal 2009 Summary Compensation Table

The table below presents information concerning the total compensation of our Named Executive Officers for the fiscal years ended October 3, 2009, September 27, 2008 and September 29, 2007.

Since no equity awards were granted to Named Executive Officers in fiscal 2007 other than the performance-based awards which vested in November 2006 as a result of fiscal 2006 performance, non-equity-based compensation accounted for all of the total compensation of the Named Executive Officers earned during fiscal 2007. The performance-based restricted stock units granted to Named Executive Officers described elsewhere are not reflected in the summary compensation table, as the single vesting date (and achievement determination) does not occur until fiscal 2011.

			Stock	Option	Non-Equity Incentive Plan	All Other	
	Fiscal		Awards	Awards	Compensation	Compensation	
Name and Principal Position	Year	Salary (\$)	(\$)(1)	(\$)(1)	(\$)(2)	(\$)	Total (\$)
(a)	(b)	(c)	(e)	(f)	(g)	(i)	(j)
John Ambroseo,	2009(3)	602,316	411,936	946,473	2,262	76,016 (4)	2,039,003
Chief Executive Officer and	2008	561,312	246,003	1,666,688	534,621	80,676(4)	3,089,300
President	2007	547,773	280,064	1,261,297	372,329	97,564(4)	2,559,027
Helene Simonet,	2009(3)	384,221	190,537	369,837	1,010	52,951 (5)	998,556
Executive Vice President and	2008	359,334	118,392	663,063	239,649	62,142(5)	1,442,581
Chief Financial Officer	2007	351,719	115,647	493,108	171,933	53,577(5)	1,185,984
Bret DiMarco,	2009(3)	311,658	151,685	205,602	585	38,138 (6)	707,669
Executive Vice President and	2008	298,076	57,116	315,114	143,275	38,607(6)	852,188
General Counsel	2007	250,077	6,294	67,579	142,271	13,487(6)	479,708
Luis Spinelli,	2009(3)	265,853	93,948	91,808	499	173,720 (7)	625,828
Executive Vice President and	2008	252,862	46,182	116,615	120,635	137,041(7)	673,335
Chief Technology Officer	2007	250,759	45,419	203,860	90,677	63,447(7)	654,162
Former Employees							
Ronald Victor,	2009	73,811			468	284,298 (8)	358,578
Executive Vice President,	2008	239,886	15,862	36,116	114,567	96,314(8)	450,768
Human Resources	2007	239,983	37,399	163,660	86,815	53,312(8)	581,169

⁽¹⁾ Reflects the dollar amount recognized for financial statement reporting purposes (disregarding an estimate of forfeitures related to service-based vesting conditions) for fiscal 2009 and 2008 in accordance with ASC 718, and includes grants made in fiscal 2009, 2008 and prior. For fiscal 2007, no awards were made and therefore the amounts for fiscal 2007 only include amounts awarded or granted prior to fiscal 2007. The amounts for stock awards includes both performance-based and time-based vesting restricted stock awards to the extent such awards had ASC 718 calculated value. The assumptions used in the valuation of these awards are set forth in Note 12, Employee Stock Option and Benefit Plans of the Financial Statements in our annual report on Form 10-K. These amounts do not correspond to the actual value that may ultimately be recognized by the Named Executive Officers.

⁽²⁾ Reflects the dollar amounts earned under the Variable Compensation Plan (VCP) during fiscal 2009, fiscal 2008 and fiscal 2007.

⁽³⁾ Reflects the dollar amount of salary earned in fiscal year 2009, which included an additional payroll period. Due to the timing of our fiscal year, fiscal year 2009 included 27 payroll periods compared to 26 payroll periods in fiscal 2008.

- (\$20,402), (b) debt forgiveness which was reflected on Dr. Ambroseo s W-2 form during the first quarter of fiscal 2009 for his promissory note which was fully forgiven prior to the end of fiscal 2009 (\$10,000), (c) from the use of a Company-leased and maintained automobile (Car Allowance) (\$29,760) and (d) reimbursed pursuant to executive medical reimbursement (\$10,236). For fiscal year 2008, includes amounts (a) contributed by us under the Company s 401(k) plan (\$13,501) and deferred compensations plan (\$19,356), (b) payment for buy-out of earned vacation (\$21,685), (c) debt forgiveness (see Certain Relationships and Related Person Transactions Related Person Transactions Certain Transactions) (\$10,200), (d) from the use of a Company-owned and maintained automobile (\$8,539) and (e) reimbursed pursuant to executive medical reimbursement (\$5,463). For fiscal year 2007, includes amounts (a) contributed by us under the Company s 401(k) plan (\$13,500) and deferred compensation plan (\$37,139), (b) reflecting imputed income to Dr. Ambroseo from the sale of a Company car under the terms of the Company s auto policy described above, (c) for debt forgiveness (see Related Person Transactions below), (d) from the use of a Company-owned and maintained automobile and (e) reimbursed pursuant to executive medical reimbursement.
- (5) For fiscal 2009, includes amounts (a) contributed by us under the Company s 401(k) plan (\$12,048) and deferred compensation plan (\$8,058), (b) payment for buy-out of earned vacation (\$7,115), (c) Car Allowance (\$15,834) and (d) reimbursed pursuant to executive medical reimbursement (\$6,198). For fiscal year 2008, includes amounts (a) contributed by us under the Company s

401(k) plan (\$13,800) and deferred compensation plan (\$7,591), (b) payment for buy-out of earned vacation (\$17,255), (c) from the use of a Company-owned and maintained automobile (\$14,267) and (d) reimbursed pursuant to executive medical reimbursement (\$5,775). For fiscal year 2007, includes amounts (a) contributed by us under the Company s 401(k) plan (\$12,100) and deferred compensation plan (\$14,898), (b) from the use of a Company-owned and maintained automobile and (c) reimbursed pursuant to executive medical reimbursement.

- (6) For fiscal 2009, includes amounts (a) contributed by us under the Company s 401(k) plan (\$10,338) and deferred compensation plan (\$4,200), (b) Car Allowance (\$16,876) and (c) reimbursed pursuant to executive medical reimbursement (\$6,039). For fiscal year 2008, includes amounts (a) contributed by us under the Company s 401(k) plan (\$17,691), (b) from the use of a Company-owned and maintained automobile (\$15,835), and (c) reimbursed pursuant to executive medical reimbursement (\$4,447). For fiscal year 2007, includes amounts (a) contributed by us under the Company s 401(k) plan (\$3,462), (b) from the use of a Company-owned and maintained automobile and (c) reimbursed pursuant to executive medical reimbursement.
- (7) For fiscal 2009, includes amounts (a) contributed by us under the Company s 401(k) plan (\$11,932) and deferred compensation plan (\$1,460), (b) Car Allowance (\$22,573), (c) earned under our patent award program where Mr. Spinelli was an inventor (\$15,618), (d) reimbursement for tax obligations arising under Section 409A as a result of the exercise of stock options with an exercise price less than fair market value as of the options grant date (these grants were made to Mr. Spinelli prior to him becoming an executive officer) (\$107,730) and (f) reimbursed pursuant to executive medical reimbursement (\$7,839). For fiscal year 2008, includes amounts (a) contributed by us under the Company s 401(k) plan (\$13,520) and deferred compensation plan (\$1,533), (b) payment for buy-out of earned vacation (\$13,612), (c) from the use of a Company-owned and maintained automobile (\$19,621), (d) reflecting imputed income to Mr. Spinelli from the sale of a Company car under the terms of the Company s auto policy (\$25,867), (e) earned under our patent award program where Mr. Spinelli was an inventor (\$5,048), (f) reimbursement for tax obligations arising under Section 409A as a result of exercise of stock options with an exercise price less than fair market value as of the options grant date (these grants were made to Mr. Spinelli prior to him becoming an executive officer) (\$54,223) and (g) reimbursed pursuant to executive medical reimbursement (\$8,494). For fiscal year 2007, includes amounts (a) contributed by us under the Company s 401(k) plan (\$13,467) and deferred compensation plan, (b) paid to Mr. Spinelli for buy-out of earned vacation, (c) from the use of a Company-owned and maintained automobile, (d) earned under our patent award program (\$15,647) where Mr. Spinelli was an inventor and (e) reimbursed pursuant to executive medical reimbursement.
- (8) For fiscal 2009, includes amounts (a) contributed by us under the Company s 401(k) plan (\$3,282) and deferred compensation plan (\$1,147), (b) paid to Mr. Victor for buy-out of earned vacation (\$23,953), (c) Car Allowance (\$5,000) and (d) retention agreement, single lump sum payment (\$250,000). For fiscal year 2008, includes amounts (a) contributed by us under the Company s 401(k) plan (\$13,500) and deferred compensation plan (\$893), (b) paid to Mr. Victor for buy-out of earned vacation (\$11,533), (c) from the use of a Company-owned and maintained automobile (\$22,183), (d) reflecting imputed income to Mr. Victor from the sale of a Company car under the terms of the Company s former auto policy (\$37,305) and (e) reimbursed pursuant to executive medical reimbursement (\$7,495). For fiscal year 2007, includes amounts (a) contributed by us under the Company s 401(k) plan (\$13,378), (b) paid to Mr. Victor for buy-out of earned vacation, (c) from the use of a Company-owned and maintained automobile and (d) reimbursed pursuant to executive medical reimbursement.

Grants of Plan-Based Awards in Fiscal 2009

Except as set forth in the footnotes, the following table shows all plan-based equity and non-equity incentive awards granted to our Named Executive Officers during fiscal 2009.

Grants of Plan-Based Awards

Name	Туре	Grant Date		ated Future Pay Non-Equity Inc Plan Awards Target (\$)		Actual Payouts Under Non- Equity Incentive Plan Awards (\$)	All Other Stock Awards: # of Securities Underlying Options (#)	All Other Option Awards: # of Securities Underlying Options (#)	Exercise or Base Price of Option Awards (\$)	Grant Date Fair Value (\$)(1)
John Ambroseo	Option	11/17/2008						75,600	23.16	688,194
	RSU	11/17/2008					28,550			661,218
	Q1									
	Bonus		0(2)	145,002	290,004	0				
	Q2									
	Bonus		0(2)	145,002	290,004	2,262(3)				
	Q3									
	Bonus		0(2)	145,002	290,004	0				
	Q4		0(2)	1.15.000	200.004	0				
	Bonus		0(2)	145,002	290,004	0				
TT-1	Total		0(2)	580,008	1,160,016	2,262				
Helene	0-4:	11/17/2000						26.050	23.16	245 220
Simonet	Option RSU	11/17/2008 11/17/2008					10,200	26,950	25.10	245,329 236,232
	Q1	11/1//2008					10,200			230,232
	Bonus		0(2)	64,748	129,497	0				
	Q2		0(2)	01,710	125,157	, and the second				
	Bonus		0(2)	64,748	129,497	1,010(3)				
	Q3		· (-)	2 1,1 12	,	2,020(2)				
	Bonus		0(2)	64,748	129,497	0				
	Q4		` /							
	Bonus		0(2)	64,748	129,497	0				
	Total		0(2)	258,993	517,987	1,010				
Bret DiMarco	Option	11/17/2008						21,250	23.16	193,441
	RSU	11/17/2008					8,050			186,438
	Q1									
	Bonus		0(2)	37,500	75,000	0				
	Q2			25						
	Bonus		0(2)	37,500	75,000	585(3)				
	Q3		0(2)	27.500	75.000	0				
	Bonus		0(2)	37,500	75,000	0				
	Q4		0(2)	27.500	75,000	0				
	Bonus Total		0(2) 0(2)	37,500 149,999	75,000 299,998	0 585				
Luis Spinelli	Option	11/17/2008	0(2)	147,777	499,998	303		17,700	23.16	161,125
Luis Spilleili	RSU	11/17/2008					6,700	17,700	25.10	155,172
	Q1	11/1/1/2000					0,700			155,172
	Bonus		0(2)	32,001	64,002	0				
	Q2		J(2)	22,001	0.,302					
	Bonus		0(2)	32,001	64,002	499(3)				
			0(2)	32,001	64,002	0				

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	Q3				
	Bonus				
	Q4				
	Bonus	0(2)	32,001	64,002	0
	Total	0(2)	128,003	256,006	499
Former	Q1				
Employee	Bonus	0(2)	29,986	59,972	0
Ronald A.	Q2				
Victor	Bonus	0(2)	29,986	59,972	468(3)
	Q3				
	Bonus	0(2)	29,986	59,972	0
	Q4				
	Bonus	0(2)	29,986	59,972	0
	Total	0(2)	119,943	239,886	468

⁽¹⁾ Reflects the dollar amount recognized for financial statement reporting purposes (disregarding an estimate of forfeitures related to service-based vesting conditions) for fiscal 2009 in accordance with ASC 718, and includes grants made in fiscal 2009. The amounts for stock awards include time-based vesting restricted stock awards to the extent such awards had ASC 718 calculated value. The assumptions used in the valuation of these awards are set forth in Note 14, Employee Stock Option and Benefit Plans of the financial statements in our Annual Report on Form 10-K. These amounts do not correspond to the actual value that may ultimately be recognized by the Named Executive Officers.

⁽²⁾ Failure to meet a minimum level of performance will result in no bonus paid out under the 2009 Variable Compensation Plan.

⁽³⁾ Reflects the amount earned in the first quarter of fiscal 2009 under the 2009 Variable Compensation Plan that was paid during the second fiscal quarter.

Option Exercises and Stock Vested at 2009 Fiscal Year-End

The table below sets forth certain information for each Named Executive Officer regarding the exercise of options and the vesting of stock awards during the year ended October 3, 2009, including the aggregate value realized upon such exercise or vesting.

	Option .	Awards	Stock A	wards
	Number of		Number of	
	Shares	Value	Shares	Value
	Acquired	Realized	Acquired	Realized
	on	on	on	on
Name	Exercise (#)	Exercise (\$)	Vesting (#)	Vesting (\$)
(a)	(b)	(c)	(d)	(e)
John Ambroseo			7,500	119,700
Helene Simonet			4,166	66,489
Bret DiMarco			3,333	53,195
Luis Spinelli			1,666	26,589

Outstanding Equity Awards at Fiscal 2009 Year-End

The following table presents information concerning unexercised options and stock that has not yet vested for each Named Executive Officer outstanding as of October 3, 2009.

										Equity
									Equity	incentive
									incentive	plan
									plan	awards:
			Option A	wards			Stock A	wards	awards:	Market or
										payout
								Market	Number	value of
							Number	Value	of	unearned
							of	of Shares	unearned	shares,
			Number of				Shares or Units of	or Units of	shares, units or	units or
			Securities				Stock	Stock	other	other
		Number of	Underlying				That	That	rights	rights
		Securities	Unexercised				Have	Have	that have	that have
		Underlying	Options (#)	C	ption	Option	Not	Not	not	not
					* .	•				
	Grant	Options (#)	Unexercisable	E	xercise	Expiration	Vested	Vested	vested	vested
Name	Grant Date	Options (#) Exercisable	Unexercisable (1)		xercise rice(2)	Expiration Date	Vested #	Vested (\$)(3)	vested (#)	vested (\$)
Name John						•				
						•				
John	Date		(1)	Pi	rice(2)	Date	#	(\$)(3)		
John	Date 11/17/2008		(1)	P 1	rice(2)	Date	# 28,550	(\$)(3) 655,794	(#)	
John	Date 11/17/2008 2/22/2008 2/22/2008 10/3/2007	Exercisable 250,000	(1)	\$ \$	23.16 23.95	Date 11/17/2014 10/3/2013	# 28,550 15,000	(\$)(3) 655,794 344,550		
John	Date 11/17/2008 2/22/2008 2/22/2008 10/3/2007 3/30/2006	250,000 90,000	(1)	\$ \$ \$	23.16 23.16 32.95 35.01	Date 11/17/2014 10/3/2013 3/30/2012	# 28,550 15,000	(\$)(3) 655,794 344,550	(#)	(\$)
John	11/17/2008 2/22/2008 2/22/2008 10/3/2007 3/30/2006 4/7/2005	250,000 90,000 90,000	(1)	\$ \$ \$ \$ \$ \$ \$	23.16 23.16 32.95 35.01 33.71	Date 11/17/2014 10/3/2013 3/30/2012 4/7/2011	# 28,550 15,000	(\$)(3) 655,794 344,550	(#)	(\$)
John	Date 11/17/2008 2/22/2008 2/22/2008 10/3/2007 3/30/2006 4/7/2005 3/25/2004	250,000 90,000 90,000 3,786	(1)	\$ \$ \$ \$ \$ \$ \$ \$	23.16 23.16 32.95 35.01 33.71 26.41	11/17/2014 10/3/2013 3/30/2012 4/7/2011 3/25/2010	# 28,550 15,000	(\$)(3) 655,794 344,550	(#)	(\$)
John Ambroseo	11/17/2008 2/22/2008 2/22/2008 10/3/2007 3/30/2006 4/7/2005	250,000 90,000 90,000	(1)	\$ \$ \$ \$ \$ \$ \$	23.16 23.16 32.95 35.01 33.71	Date 11/17/2014 10/3/2013 3/30/2012 4/7/2011	# 28,550 15,000	(\$)(3) 655,794 344,550	(#)	(\$)
John Ambroseo Helene	Date 11/17/2008 2/22/2008 2/22/2008 10/3/2007 3/30/2006 4/7/2005 3/25/2004 3/25/2004	250,000 90,000 90,000 3,786	75,600	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.95 35.01 33.71 26.41 26.41	11/17/2014 10/3/2013 3/30/2012 4/7/2011 3/25/2010 3/25/2010	# 28,550 15,000 67,500(4)	(\$)(3) 655,794 344,550 1,550,475	(#)	(\$)
John Ambroseo	Date 11/17/2008 2/22/2008 2/22/2008 10/3/2007 3/30/2006 4/7/2005 3/25/2004	250,000 90,000 90,000 3,786	(1)	\$ \$ \$ \$ \$ \$ \$ \$	23.16 23.16 32.95 35.01 33.71 26.41	11/17/2014 10/3/2013 3/30/2012 4/7/2011 3/25/2010	# 28,550 15,000	(\$)(3) 655,794 344,550	(#)	(\$)

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	2/22/2008					37,500(4)	861,375		
	10/3/2007	100,000		\$ 32.95	10/3/2013			0	0
	3/30/2006	35,000		\$ 35.01	3/30/2012				
	4/7/2005	25,000		\$ 33.71	4/7/2011				
	3/25/2004	3,786		\$ 26.41	3/25/2010				
	3/25/2004	66,214		\$ 26.41	3/25/2010				
Bret DiMarco	11/17/2008		21,250	\$ 23.16	11/17/2014	8,050	184,909		
	2/22/2008					6,667	153,141		
	2/22/2008					30,000(4)	689,100		
	10/3/2007	50,000		\$ 32.95	10/3/2013			0	0
	6/7/2006	10,000		\$ 33.30	6/7/2012				
Luis Spinelli	11/17/2008		17,700	\$ 23.16	11/17/2014	6,700	153,900		
•	2/22/2008					3,334	76,582		
	2/22/2008					15,000(4)	344,550		
	10/3/2007	15,000		\$ 32.95	10/3/2013			0	0
	3/30/2006	10,000		\$ 35.01	3/30/2012				
	4/7/2005	12,000		\$ 33.71	4/7/2011				
	3/25/2004	35,000		\$ 26.41	3/25/2010				

⁽¹⁾ The grants vest in three equal annual installments beginning on November 17, 2009.

⁽²⁾ The exercise prices indicated are the prices originally recorded by the Company at grant and have not been adjusted to reflect any new measurement date as a result of the Company s historical stock option review.

⁽³⁾ Market Value is determined by multiplying the number of shares by \$22.97, the closing price of the Company s common stock on October 2, 2009, the last trading date of the fiscal year.

⁽⁴⁾ The performance-based restricted stock units vesting determination date is November 14, 2010. The performance based restricted stock units will vest in an amount which is 0-300% subject to the achievement of certain performance metrics. The amount reflected in the table is the maximum amount or 300%.

Fiscal 2009 Non-Qualified Deferred Compensation

The following table presents information regarding the non-qualified deferred compensation activity for each Named Executive Officer during fiscal 2009:

Name	Executive Contributions in Last FY (\$)(1)	Executive Deferrals Including Company Contribution in Last FY (\$)	Registrant Contributions in Last FY (\$)(2)	Aggregate Earnings in Last FY (\$)	Aggregate Withdrawals/ Distributions (\$)	Aggregate Balance of Last FYE (\$)(3)
John Ambroseo	59,401	79,804	20,402	53,565	(Φ)	3,506,960
SRP(4)	37,101	75,001	20,102	16,524		1,114,500
Helene Simonet	446	8,504	8,058	(6,279)		698,303
SRP(4)				(5,470)		142,698
Bret DiMarco		4,200	4,200	10		14,090
Luis Spinelli	28,137	29,597	1,460	(8,846)		418,105
SRP(4)				(34,378)		421,011
Former Employee						
Ronald Victor	22,127	23,274	1,147	(10,962)		776,997
SRP(4)				(160)		172,238

⁽¹⁾ Amounts in this column consist of salary and/or bonus earned during fiscal 2009, which is also reported in the Summary Compensation Table.

Amounts reflect Company contribution payments in excess of the Internal Revenue Code Sections 401(a)(17) and 402(g) qualified plan limits made to the non-qualified Deferred Compensation Plan for plan year 2008 made in fiscal 2009. Amounts reported in this column are also reported in the All Other Compensation column of the Summary Compensation Table.

⁽³⁾ The deferred compensation in a participant s account is fully vested and is credited with positive or negative investment results based on the plan investment options selected by the participant.

⁽⁴⁾ Amounts represent account balances and earnings from the Supplementary Retirement Plan (SRP) which was suspended. Deferrals (both executive and Company) into this plan have been suspended. The Deferred Compensation Plan is the only non-qualified deferred compensation plan currently available for executive officers.

Potential Payments upon Termination or Change of Control

The following table shows the potential payments and benefits that we (or our successor) would be obligated to make or provide upon termination of employment of each our Named Executive Officers pursuant to the terms of the Change of Control Severance Plan. Other than this plan, there are no other employment agreements or other contractual obligations triggered upon a change of control. For purposes of this table, it is assumed that each Named Executive Officer s employment terminated at the close of business on October 2, 2009 (the last business day before the end of our fiscal year end on October 3, 2009). These payments are conditioned upon the execution of a form release of claims by the Named Executive Officer in favor of us. The amounts reported below do not include the nonqualified deferred compensation distributions that would be made to the Named Executive Officers following a termination of employment (for those amounts and descriptions, see the prior table). There can be no assurance that a triggering event would produce the same or similar results as those estimated below if such event occurs on any other date or at any other price, of if any other assumption used to estimate potential payments and benefits is not correct. Due to the number of factors that affect the nature and amount of any potential payments or benefits, any actual payments and benefits may be different. The Total Benefit per individual in the table below does not add to the total of the individual components due to rounding within each component.

	Multiplier for Base			
Named Executive Officer	Salary and Bonus	Nature of Benefit	Termination for Cause	Any Other Termination
John Ambroseo	2.99X	Salary Severance		\$ 1,734,200
		Bonus Severance		\$ 1,734,200
		Equity Compensation Acceleration(1)		\$ 2,550,819
		Tax Gross Up(2)		\$ 2,443,887
		Health Insurance(3)		\$ 71,770
		Total Benefit		\$ 8,534,876
Helene Simonet	2X	Salary Severance		\$ 740,000
		Bonus Severance		\$ 518,000
		Equity Compensation Acceleration(1)		\$ 1,287,101
		Health Insurance(3)		\$ 33,318
		Total Benefit		\$ 2,578,419
Bret DiMarco	2X	Salary Severance		\$ 600,000
		Bonus Severance		\$ 300,000
		Equity Compensation Acceleration(1)		\$ 1,027,149
		Health Insurance(3)		\$ 47,847
		Total Benefit		\$ 1,974,996
Luis Spinelli	2X	Salary Severance		\$ 512,000
		Bonus Severance		\$ 256,000
		Equity Compensation Acceleration(1)		\$ 575,031
		Health Insurance(3)		\$ 47,847
		Total Benefit		\$ 1,390,878

⁽¹⁾ Equity Compensation Acceleration is the in-the-money value of unvested stock options, time-based restricted stock units and performance-based restricted stock units, in each case as of October 2, 2009 at the closing stock price on that date (\$22.97). The value of accelerated stock options are thus calculated by multiplying the number of unvested shares subject to acceleration by the difference between the exercise price and the closing stock price on October 2, 2009; the value of accelerated restricted stock is calculated by multiplying the number of unvested shares subject to acceleration by the closing stock price on October 2, 2009. This assumes immediate release and vesting of the performance-based restricted stock units at the maximum, or 300% of target, achievement. The amounts reflected for Equity Compensation Acceleration do not reflect any applicable taxes, just gross proceeds. Since the table assumes a triggering event on October 2, 2009, only those stock options and restricted stock/RSU grants outstanding as of that date are included in the table.

- Estimated reimbursement (by way of a tax $\,$ gross-up $\,$) for a 20% excise tax that would be due under Section 4999 of the Internal Revenue Code of 1986 on a portion of the amounts reported.
- (3) Health Insurance is an estimate of the cost of covering the individual and his or her covered dependents for three years, in the case of the chief executive officer and for two years for the other Named Executive Officers.

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The change in control plan provides for the payment of specified compensation and benefits upon certain terminations of the employment of the participants following a change in control of the Company. The Board has evaluated the economic and social impact of an acquisition or other change of control on its key employees. The Board recognizes that the potential of such an acquisition or change of control can be a distraction to its key employees and can cause them to consider alternative employment opportunities. The Board has determined that it is in the best interests of Coherent and its stockholders to assure that Coherent will have the continued dedication and objectivity of its key employees. The Board believes that the change of control plan will enhance the ability of our key employees to assist the Board in objectively evaluating potential acquisitions or other changes of control.

Furthermore, the Board believes a change of control plan aids us in attracting and retaining the highly qualified, high performing individuals who are essential to our success. The plan s assurance of fair treatment will ensure that key employees will be able to maintain productivity, objectivity and focus during the period of significant uncertainty that is inherent in an acquisition or other change of control. A change in control of Coherent is defined under the change of control plan as an occurrence of a business combination, an acquisition by any person directly or indirectly of fifty percent or more of the combined voting power of our common stock or a change in the composition of the Board where less than fifty percent are incumbent directors.

The change of control plan provides that if within 24 months after a change in control the executive s employment is terminated other than by reason of his or her death, disability, retirement or for cause, or the executive officer terminates his or her employment for good reason, the executive will receive a lump sum severance payment equal to 2.99 (in the case of Dr. Ambroseo) or 2.0 (in the case of Ms. Simonet and Messrs. Spinelli and DiMarco) times the executive s annual base salary and annual bonus (assuming achievement of all performance requirements thereof). Good reason is defined in each Agreement as any of the following that occurs after a change in control of the Company: certain reductions in compensation; certain material changes in employee benefits and perquisites; a change in the site of employment; reduction in the executive s duties and responsibilities; the Company s failure to obtain the written assumption by its successor of the obligations set forth in the Agreement; attempted termination of employment on grounds insufficient to constitute a basis of termination for cause under the terms of the change of control plan; or the Company s breach of any of the provisions of the change of control plan. Under the terms of the plan, the executives will also have acceleration of all vesting conditions for equity grants and health care for the executive (and his or her covered family members) will be provided on the same terms for two years and, in the case of Dr. Ambroseo, three years. Further, Dr. Ambroseo will receive a gross-up for any Internal Revenue Code section 280G (280G) excise taxes to the extent that the severance benefits are more than 20% over the limit imposed by 280G (i.e., more than 3.59x the base amount as defined by Section 280G). If the benefits are less than 20% over the limit, the benefits will be reduced to the extent necessary so that no 280G excise tax is triggered. To the extent 280G is triggered as a result of the severance benefits for the other executive participants, such payments will either be paid in full or reduced so that the executive receives the maximum severance benefit without triggering 280G.

EQUITY COMPENSATION PLAN INFORMATION

The following table provides information as of October 3, 2009 about the Company s equity compensation plans under which shares of our common stock may be issued to employees, consultants or members of our Board:

Plan	(a) Number of securities to be issued upon exercise of outstanding options, warrants and	(b) Weighted-average exercise price of outstanding options, warrants and	(c) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in
category	rights	rights	column (a))
Equity compensation plans approved by security holders Equity compensation plans not approved by security holders	2,850,048(1)		` //
Total	2,850,048	\$ 27.4	3,628,090

⁽¹⁾ This number does not include any options which may be assumed by us through mergers or acquisitions, however, we do have the authority, if necessary, to reserve additional shares of common stock under these plans to the extent necessary for assuming such options.

⁽²⁾ This number of shares includes 473,808 shares of common stock reserved for future issuance under the Employee Stock Purchase Plan, 124,000 shares reserved for future issuance under the 1998 Director Plan and 3,030,282 shares reserved for future issuance under the 2001 Stock Plan.

⁽³⁾ The 1998 Director Plan provides for annual increases to the number of shares available for issuance under the 1998 Director Plan so that the total number of shares reserved is not less than 150,000 shares.

CERTAIN RELATIONSHIPS AND RELATED PERSON TRANSACTIONS

Review, Approval or Ratification of Related Person Transacti	lated Person Transaction	f Related	Ratification (oproval or	Review.
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In accordance with the charter for the Audit Committee of the Board, the members of the Audit Committee, all of whom are independent directors, review and approve in advance any proposed related person transactions. Additionally, from time to time the Board may directly consider these transactions. For purposes of these procedures, the individuals and entities that are considered related persons include:

- Any of our directors, nominees for director and executive officers;
- Any person known to be the beneficial owner of five percent or more of our common stock (a 5% Stockholder); and
- Any immediate family member, as defined in Item 404(a) of Regulation S-K, of a director, nominee for director, executive officer and 5% Stockholder. We will report all such material related person transactions under applicable accounting rules, federal securities laws and SEC rules and regulations.

Related Person Transactions

Certain Transactions

On January 5, 2009, the Company entered into an amendment to its agreement with Oliver Press Partners, LLP and certain of its affiliates (OPP), including Clifford Press, who was a member of our Board during fiscal 2009. The agreement provides that our Board would include Mr. Press in the slate of directors for election at the annual meeting of the stockholders held in 2009 and that the signatories to the agreement will not seek to call a special meeting or other actions relating to the election of directors for one year. In addition, Mr. Press agreed to submit his resignation as a director if OPP ceases to hold at least 50% of the common stock of the Company that OPP and its affiliates currently hold as a group. The settlement agreement includes certain standstill restrictions that commenced upon the execution of the settlement agreement and will expire on the first anniversary of our 2009 annual meeting. Under the terms of the standstill restrictions, neither OPP nor any of its affiliates may, among other things, (i) submit or encourage any other person or group to nominate directors for election to our Board, (ii) submit any stockholder proposals, (iii) call an annual or special meeting of stockholders, (iv) solicit proxies from stockholders of the registrant, (v) change the composition of the Board. The standstill restrictions contain certain exceptions that, among other things, permit OPP to seek to change the composition of the Board at the 2010 annual meeting by submitting nominees for election and to solicit proxies in favor of such nominees for the 2010 annual meeting. In addition, during the effective period of the standstill restrictions described above, OPP agreed that it would cause any shares of our common stock that it owns to be voted in accordance with the recommendation of our Board if Mr. Press has approved and joined in any such recommendation. Mr. Press resigned as a member of the Board in November 2009.

Other Matters

We have entered into indemnification agreements with each of our executive officers and directors. Such indemnification agreements require us to indemnify these individuals to the fullest extent permitted by law. We also intend to execute these agreements with our future directors and officers.

REPORT OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS

The Audit Committee is responsible for overseeing our accounting and financial reporting processes and audits of our financial statements. As set forth in its charter, the Audit Committee acts only in an oversight capacity and relies on the work and assurances of both management, which has primary responsibilities for our financial statements and reports, as well as the independent registered public accounting firm that is responsible for expressing an opinion on the conformity of our audited financial statements to generally accepted accounting principles.

The Audit Committee met ten (10) times either in person or by telephone during fiscal 2009. In the course of these meetings, the Audit Committee met with management, the internal auditors and our independent auditors and reviewed the results of the internal and external audit examinations, evaluations of our internal controls and the overall quality of our financial reporting.

The Audit Committee believes that a candid, substantive and focused dialogue with the internal auditors and the independent registered public accounting firm is fundamental to the Audit Committee s oversight responsibilities. To support this belief, the Audit Committee periodically meets separately with the internal auditors and the independent auditors, without management present. In the course of its discussions in these meetings, the Audit Committee asked a number of questions intended to bring to light any areas of potential concern related to our financial reporting and internal controls. These questions include:

- Are there any significant accounting judgments, estimates or adjustments made by management in preparing the financial statements that would have been made differently had the auditors themselves prepared and been responsible for the financial statements?
- Based on the auditors experience, and their knowledge of our business, do our financial statements fairly present to investors, with clarity and completeness, our financial position and performance for the reporting period in accordance with generally accepted accounting principles and SEC disclosure requirements?
- Based on the auditors experience, and their knowledge of our business, have we implemented internal controls and internal audit procedures that are appropriate for our business?

The Audit Committee approved the engagement of Deloitte & Touche LLP as our independent registered public accounting firm for fiscal 2009 and reviewed with the internal auditors and independent registered public accounting firm their respective overall audit scope and plans. In approving Deloitte & Touche LLP, the Audit Committee considered the qualifications of Deloitte & Touche LLP and discussed with Deloitte & Touche LLP their independence, including a review of the audit and non-audit services provided by them to us. The Audit Committee also discussed with Deloitte & Touche LLP the matters required to be discussed by Statement on Auditing Standards No. 61, as amended, (AICPA, *Professional Standards*, Vol. 1 AU section 380), as adopted by the Public Company Accounting Oversight Board in Rule 3200T, and it received the written disclosures and the letter from Deloitte & Touche LLP required by the applicable requirements of the Public Company Accounting Oversight Board regarding Deloitte & Touche LLP s communications with Audit Committee concerning independence and has discussed Deloitte & Touche LLP s independence with Deloitte & Touche LLP.

Management has reviewed the audited financial statements for fiscal 2009 with the Audit Committee, including a discussion of the quality and acceptability of the financial reporting, the reasonableness of significant accounting judgments and estimates and the clarity of disclosures in the financial statements. In connection with this review and discussion, the Audit Committee asked a number of follow-up questions of management and the independent registered public accounting firm to help give the Audit Committee comfort in connection with its review.

In reliance on the reviews and discussions referred to above, the Audit Committee recommended to the Board (and the Board has approved) that the audited financial statements be included in the annual report on Form 10-K for the fiscal year ended October 3, 2009, for filing with the SEC.

Respectively submitted by THE AUDIT COMMITTEE

Lawrence Tomlinson, Chair Susan James John Hart

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OTHER MATTERS

We know of no other matters to be submitted to the meeting. If any other matters properly come before the meeting, it is the intention of the persons named in the enclosed form Proxy to vote the shares they represent as the Board may recommend.

BY ORDER OF THE BOARD OF DIRECTORS

Dated: February 22, 2010

/s/ John R. Ambroseo John R. Ambroseo President and Chief Executive Officer

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C/O AMERICAN STOCK TRANSFER
59 MAIDEN LANE

NEW YORK, NY 10038

VOTE BY INTERNET - www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 P.M. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

ELECTRONIC DELIVERY OF FUTURE PROXY MATERIALS

If you would like to reduce the costs incurred by our company in mailing proxy materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via e-mail or the Internet. To sign up for electronic delivery, please follow the instructions above to vote using the Internet and, when prompted, indicate that you agree to receive or access proxy materials electronically in future years.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone tele;phone to transmit your voting instructions up until 11:59 P.M. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

M1 9709-P90089

KEEP THIS PORTION FOR YOUR RECORDS

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED. DETACH AND RETURN THIS PORTION ONLY

COHERENT, INC.

For Withhold For All
All All Except

Vote on Directors