

VEECO INSTRUMENTS INC  
Form 10-Q  
April 29, 2011  
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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**FORM 10-Q**

(Mark One)

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

**For the quarterly period ended March 31, 2011**

**OR**

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

**For the transition period from            to            .**

**Commission file number 0-16244**

## VEECO INSTRUMENTS INC.

(Exact Name of Registrant as Specified in Its Charter)

**Delaware**  
(State or Other Jurisdiction of

Incorporation or Organization)

**11-2989601**  
(I.R.S. Employer

Identification Number)

**Terminal Drive**  
**Plainview, New York**  
(Address of Principal Executive Offices)

**11803**  
(Zip Code)

Registrant's telephone number, including area code: **(516) 677-0200**

Website: **www.veeco.com**

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

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

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

Large accelerated filer

Accelerated filer

Non-accelerated filer   
(Do not check if a Smaller reporting company)

Smaller reporting company

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

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40,739,182 shares of common stock, \$0.01 par value per share, were outstanding as of the close of business on April 28, 2011.

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**SAFE HARBOR STATEMENT**

This Quarterly Report on Form 10-Q (the Report ) contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Discussions containing such forward-looking statements may be found in Part I. Items 2 and 3 hereof, as well as within this Report generally. In addition, when used in this Report, the words believes, anticipates, expects, estimates, plans, intends and similar expressions are intended to identify forward-looking statements. All forward-looking statements are subject to a number of risks and uncertainties that could cause actual results to differ materially from projected results. These risks and uncertainties include, without limitation, the following:

- Our failure to successfully manage our outsourcing activities or failure of our outsourcing partners to perform as anticipated could adversely affect our statements of income and our ability to realize the benefits of the increased MOCVD order volume;
- The reduction or elimination of foreign government subsidies and economic incentives may adversely affect the future order rate for our MOCVD equipment;
- Manufacturing interruptions or delays could affect our ability to meet customer demand, while the failure to estimate customer demand accurately could result in excess or obsolete inventory and/or liabilities to our suppliers for products no longer needed;
- We rely on a limited number of suppliers, some of whom are our sole source for particular components;
- Our backlog is subject to customer cancellation or modification and such cancellation could result in decreased sales and increased provisions for excess and obsolete inventory and/or liabilities to our suppliers for products no longer needed;
- Our sales to HB LED and data storage manufacturers are highly dependent on these manufacturers sales for consumer electronics applications, which can experience significant volatility due to seasonal and other factors. This could materially adversely impact our future statements of income;
- Negative worldwide economic conditions could result in a decrease in our net sales and an increase in our operating costs, which could adversely affect our business and operating results;
- We are exposed to the risks of operating a global business, including the need to obtain export licenses for certain of our shipments and political risks in the countries we operate;

- We are exposed to risks associated with our entrance into the emerging solar industry;
- The timing of our orders, shipments, and revenue recognition may cause our quarterly operating results to fluctuate significantly;
- We operate in industries characterized by rapid technological change;
- We face significant competition;
- We depend on a limited number of customers that operate in highly concentrated industries;
- The cyclical nature of the industries we serve directly affects our business;
- Our sales cycle is long and unpredictable;
- Our inability to attract, retain, and motivate key employees could have a material adverse effect on our business;
- The price of our common shares may be volatile and could decline significantly;

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- We are subject to foreign currency exchange risks;
  
- The enforcement and protection of our intellectual property rights may be expensive and could divert our limited resources;
  
- We may be subject to claims of intellectual property infringement by others;
  
- Our acquisition strategy subjects us to risks associated with evaluating and pursuing these opportunities and integrating these businesses;
  
- We may be required to take additional impairment charges for goodwill and indefinite-lived intangible assets or definite-lived intangible and long-lived assets;
  
- We may not receive the escrowed proceeds from the sale of our Metrology business;
  
- Changes in accounting pronouncements or taxation rules or practices may adversely affect our financial results;
  
- We are subject to the internal control evaluations and attestation requirements of Section 404 of the Sarbanes-Oxley Act;
  
- We are subject to risks of non-compliance with environmental, health and safety regulations;
  
- We have significant operations in locations which could be materially and adversely impacted in the event of a natural disaster or other significant disruption;
  
- We have adopted certain measures that may have anti-takeover effects which may make an acquisition of our Company by another company more difficult; and
  
- The matters set forth in this Report generally, including the risk factors set forth in Part 2. Item 1A. Risk Factors.

Consequently, such forward-looking statements should be regarded solely as the Company's current plans, estimates, and beliefs. The Company does not undertake any obligation to update any forward-looking statements to reflect future events or circumstances after the date of such statements.

#### **Available Information**

We file annual, quarterly and current reports, information statements and other information with the Securities and Exchange Commission (the SEC). The public may obtain information by calling the SEC at 1-800-SEC-0330. The SEC also maintains a website that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC. The address of that site is [www.sec.gov](http://www.sec.gov).

#### **Internet Address**

We maintain a website where additional information concerning our business and various upcoming events can be found. The address of our website is [www.veeco.com](http://www.veeco.com). We provide a link on our website, under Investors' Financial Information' SEC Filings, through which investors can access our filings with the SEC, including our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and all amendments to such reports. These filings are posted to our website, as soon as reasonably practicable after we electronically file such material with the SEC.

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Table of Contents**PART I. FINANCIAL INFORMATION****Item 1. Financial Statements**

**Veeco Instruments Inc. and Subsidiaries**  
**Condensed Consolidated Statements of Income**  
(In thousands, except per share data)  
(Unaudited)

|                                                       | Three months ended<br>March 31, |            |
|-------------------------------------------------------|---------------------------------|------------|
|                                                       | 2011                            | 2010       |
| Net sales                                             | \$ 254,676                      | \$ 134,750 |
| Cost of sales                                         | 125,344                         | 78,010     |
| Gross profit                                          | 129,332                         | 56,740     |
| Operating expenses (income):                          |                                 |            |
| Selling, general and administrative                   | 23,933                          | 17,726     |
| Research and development                              | 24,582                          | 12,956     |
| Amortization                                          | 1,135                           | 1,237      |
| Restructuring                                         |                                 | (179)      |
| Other, net                                            | 13                              | (175)      |
| Total operating expenses                              | 49,663                          | 31,565     |
| Operating income                                      | 79,669                          | 25,175     |
| Interest expense, net                                 | 1,299                           | 1,783      |
| Loss on extinguishment of debt                        | 304                             |            |
| Income from continuing operations before income taxes | 78,066                          | 23,392     |
| Income tax provision                                  | 24,983                          | 567        |
| Income from continuing operations                     | 53,083                          | 22,825     |
| Discontinued operations:                              |                                 |            |
| (Loss) income from discontinued operations            | (498)                           | 3,962      |
| Income tax (benefit) provision                        | (57)                            | 743        |
| (Loss) income from discontinued operations            | (441)                           | 3,219      |
| Net income                                            | \$ 52,642                       | \$ 26,044  |
| Income (loss) per common share:                       |                                 |            |
| Basic:                                                |                                 |            |
| Continuing operations                                 | \$ 1.33                         | \$ 0.59    |
| Discontinued operations                               | (0.01)                          | 0.08       |
| Income                                                | \$ 1.32                         | \$ 0.67    |
| Diluted:                                              |                                 |            |
| Continuing operations                                 | \$ 1.25                         | \$ 0.54    |
| Discontinued operations                               | (0.01)                          | 0.08       |
| Income                                                | \$ 1.24                         | \$ 0.62    |
| Weighted average shares outstanding:                  |                                 |            |
| Basic                                                 | 39,842                          | 38,784     |
| Diluted                                               | 42,531                          | 42,269     |

Veeco Instruments Inc. and Subsidiaries

Condensed Consolidated Statements of Comprehensive Income

(In thousands)

(Unaudited)

|                                                  |    | Three months ended<br>March 31, |    |        |
|--------------------------------------------------|----|---------------------------------|----|--------|
|                                                  |    | 2011                            |    | 2010   |
| Net income                                       | \$ | 52,642                          | \$ | 26,044 |
| Other comprehensive income (loss), net of tax    |    |                                 |    |        |
| Foreign currency translation                     |    | 471                             |    | (673)  |
| Unrealized gain on available-for-sale securities |    | 26                              |    |        |
| Comprehensive income                             | \$ | 53,139                          | \$ | 25,371 |

The accompanying notes are an integral part of these condensed consolidated financial statements.

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**Veeco Instruments Inc. and Subsidiaries**  
**Condensed Consolidated Balance Sheets**  
(In thousands)

|                                                   | March 31,<br>2011<br>(Unaudited) | December 31,<br>2010 |
|---------------------------------------------------|----------------------------------|----------------------|
| <b>Assets</b>                                     |                                  |                      |
| Current assets:                                   |                                  |                      |
| Cash and cash equivalents                         | \$ 276,837                       | \$ 245,132           |
| Short-term investments                            | 426,025                          | 394,180              |
| Restricted cash                                   | 76,117                           | 76,115               |
| Accounts receivable, net                          | 94,041                           | 150,528              |
| Inventories                                       | 121,342                          | 108,487              |
| Prepaid expenses and other current assets         | 31,676                           | 34,328               |
| Deferred income taxes                             | 5,772                            | 13,803               |
| Total current assets                              | 1,031,810                        | 1,022,573            |
| Property, plant and equipment at cost, net        | 48,981                           | 42,320               |
| Goodwill                                          | 52,003                           | 52,003               |
| Deferred income taxes                             | 9,403                            | 9,403                |
| Intangible assets, net                            | 15,740                           | 16,893               |
| Other assets                                      | 5,074                            | 4,842                |
| Total assets                                      | \$ 1,163,011                     | \$ 1,148,034         |
| <b>Liabilities and equity</b>                     |                                  |                      |
| Current liabilities:                              |                                  |                      |
| Accounts payable                                  | \$ 38,678                        | \$ 32,220            |
| Accrued expenses and other current liabilities    | 171,275                          | 183,010              |
| Deferred profit                                   | 4,518                            | 4,109                |
| Income taxes payable                              | 21,347                           | 56,369               |
| Liabilities of discontinued segment held for sale | 5,359                            | 5,359                |
| Current portion of long-term debt                 | 94,973                           | 101,367              |
| Total current liabilities                         | 336,150                          | 382,434              |
| Long-term debt                                    | 2,594                            | 2,654                |
| Other liabilities                                 | 392                              | 434                  |
| Total equity                                      | 823,875                          | 762,512              |
| Total liabilities and equity                      | \$ 1,163,011                     | \$ 1,148,034         |

The accompanying notes are an integral part of these condensed consolidated financial statements.

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**Veeco Instruments Inc. and Subsidiaries**  
**Condensed Consolidated Statements of Cash Flows**  
(In thousands)  
(Unaudited)

|                                                                                   | Three months ended<br>March 31, |            |
|-----------------------------------------------------------------------------------|---------------------------------|------------|
|                                                                                   | 2011                            | 2010       |
| <b>Operating activities</b>                                                       |                                 |            |
| Net income                                                                        | \$ 52,642                       | \$ 26,044  |
| Adjustments to reconcile net income to net cash provided by operating activities: |                                 |            |
| Depreciation and amortization                                                     | 3,266                           | 3,274      |
| Amortization of debt discount                                                     | 769                             | 741        |
| Non-cash equity-based compensation                                                | 3,098                           | 1,866      |
| Loss on extinguishment of debt                                                    | 304                             |            |
| Deferred income taxes                                                             | 7,988                           | 152        |
| Excess tax benefits from stock option exercises                                   | (2,188)                         |            |
| Other, net                                                                        | 180                             | 1,869      |
| Changes in operating assets and liabilities:                                      |                                 |            |
| Accounts receivable                                                               | 55,888                          | 1,492      |
| Inventories                                                                       | (12,843)                        | (6,350)    |
| Accounts payable                                                                  | 6,478                           | 4,321      |
| Accrued expenses, deferred profit and other current liabilities                   | (11,142)                        | 14,777     |
| Income taxes payable                                                              | (32,743)                        | 514        |
| Other, net                                                                        | 3,190                           | (3,103)    |
| Discontinued operations                                                           |                                 | (3,844)    |
| Net cash provided by operating activities                                         | 74,887                          | 41,753     |
| <b>Investing activities</b>                                                       |                                 |            |
| Capital expenditures                                                              | (9,402)                         | (1,010)    |
| Proceeds from the maturity of CDARS                                               |                                 | 40,025     |
| Proceeds from sales of short-term investments                                     | 122,148                         |            |
| Payments for purchases of short-term investments                                  | (154,339)                       | (60,500)   |
| Other                                                                             | 1                               | (99)       |
| Net cash used in investing activities                                             | (41,592)                        | (21,584)   |
| <b>Financing activities</b>                                                       |                                 |            |
| Proceeds from stock option exercises                                              | 2,951                           | 26,968     |
| Restricted stock tax withholdings                                                 | (13)                            | (456)      |
| Excess tax benefits from stock option exercises                                   | 2,188                           |            |
| Repayments of long-term debt                                                      | (7,454)                         | (52)       |
| Other                                                                             | (54)                            |            |
| Net cash (used in) provided by financing activities                               | (2,382)                         | 26,460     |
| Effect of exchange rate changes on cash and cash equivalents                      | 792                             | (1,123)    |
| Net increase in cash and cash equivalents                                         | 31,705                          | 45,506     |
| Cash and cash equivalents at beginning of year                                    | 245,132                         | 148,500    |
| Cash and cash equivalents at end of year                                          | \$ 276,837                      | \$ 194,006 |
| <b>Non-cash investing and financing activities</b>                                |                                 |            |
| Transfers from property, plant and equipment to inventory                         | \$                              | \$ 1,102   |
| Transfers from inventory to property, plant and equipment                         |                                 | 850        |
| Sale of property, plant and equipment with note receivable                        |                                 | 140        |

The accompanying notes are an integral part of these condensed consolidated financial statements.



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**Veeco Instruments Inc. and Subsidiaries**  
**Notes to Condensed Consolidated Financial Statements (Unaudited)**

**Note 1 Basis of Presentation**

The accompanying unaudited condensed consolidated financial statements of Veeco Instruments Inc. (together with its consolidated subsidiaries, Veeco, the Company or we ) have been prepared in accordance with accounting principles generally accepted in the United States ( U.S. ) for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by U.S. generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments considered necessary for a fair presentation (consisting of normal recurring accruals) have been included. Operating results for the three months ended March 31, 2011, are not necessarily indicative of the results that may be expected for the year ending December 31, 2011. For further information, refer to the consolidated financial statements and footnotes thereto included in our Annual Report on Form 10-K for the year ended December 31, 2010.

Consistent with prior years, we report interim quarters, other than fourth quarters which always end on December 31, on a 13-week basis ending on the last Sunday of each period. The interim quarter ends are determined at the beginning of each year based on the 13-week quarters. The 2011 interim quarter ends are April 3, July 3 and October 2. The 2010 interim quarter ends were March 28, June 27 and September 26. For ease of reference, we report these interim quarter ends as March 31, June 30 and September 30 in our interim condensed consolidated financial statements.

*Income Per Common Share*

The following table sets forth the reconciliation of basic weighted average shares outstanding and diluted weighted average shares outstanding (*in thousands*):

|                                                       | <b>Three months ended</b> |             |
|-------------------------------------------------------|---------------------------|-------------|
|                                                       | <b>March 31,</b>          |             |
|                                                       | <b>2011</b>               | <b>2010</b> |
| Basic weighted average shares outstanding             | 39,842                    | 38,784      |
| Dilutive effect of stock options and restricted stock | 1,149                     | 2,533       |
| Dilutive effect of convertible notes                  | 1,540                     | 952         |
| Diluted weighted average shares outstanding           | 42,531                    | 42,269      |

Basic income per common share is computed using the weighted average number of common shares outstanding during the period. Diluted income per common share is computed using the weighted average number of common shares and common equivalent shares outstanding during the period. For the three months ended March 31, 2011 and 2010, no shares were excluded from the computation of diluted weighted average shares outstanding.

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Our convertible notes meet the criteria for determining the effect of the assumed conversion using the treasury stock method of accounting, as long as we have the ability and the intent to settle the principal amount of the notes in cash. Under the terms of these notes, we may pay the principal amount of converted notes in cash or in shares of common stock. We have indicated that we intend to pay the principal amount in cash. Using the treasury stock method, it was determined that the impact of the assumed conversion for the three months ended March 31, 2011 and 2010, had a dilutive effect of 1.5 million and 1.0 million common equivalent shares, respectively. The effect of the assumed converted shares is dependent on the stock price at the time of the conversion. The maximum number of common equivalent shares issuable upon conversion at March 31, 2011 was approximately 5.0 million. See Note 6 for further details on our debt.

### *Derivative Financial Instruments*

We use derivative financial instruments to minimize the impact of foreign exchange rate changes on earnings and cash flows. In the normal course of business, our operations are exposed to fluctuations in foreign exchange rates. In order to reduce the effect of fluctuating foreign currencies on short-term foreign currency-denominated intercompany transactions and other known foreign currency exposures, we enter into monthly forward contracts. We do not use derivative financial instruments for trading or speculative purposes. Our forward contracts are not expected to subject us to material risks due to exchange rate movements because gains and losses on these contracts are intended to offset

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exchange gains and losses on the underlying assets and liabilities. The forward contracts are marked-to-market through earnings. We conduct our derivative transactions with highly rated financial institutions in an effort to mitigate any material credit risk.

The aggregate foreign currency exchange loss (gain) included in the accompanying Condensed Consolidated Statements of Income was approximately \$0.3 million and \$(0.1) million during the three months ended March 31, 2011 and 2010, respectively. Included in the aggregate foreign currency exchange loss (gain) were gains related to forward contracts of \$0.5 million during the three months ended March 31, 2011. Minimal gains related to forward contracts were included in the aggregate foreign currency exchange loss (gain) during the three months ended March 31, 2010. These amounts were recognized and are included in Other, net in the accompanying Condensed Consolidated Statements of Income.

As of March 31, 2011, approximately \$0.2 million of gains related to forward contracts were included in prepaid expenses and other current assets and were subsequently received in April 2011. As of December 31, 2010, approximately \$0.3 million of gains related to forward contracts were included in prepaid expenses and other current assets which were subsequently received in January 2011. Monthly forward contracts with a notional amount of \$11.7 million, entered into in March 2011 for April 2011, will be settled in April 2011.

The weighted average notional amount of derivative contracts outstanding during the three months ended March 31, 2011 were approximately \$19.8 million.

**Note 2 Discontinued Operations**

On August 15, 2010, we signed a definitive agreement to sell our Metrology business to Bruker Corporation ( Bruker ) comprising our entire Metrology reporting segment for \$229.4 million. Accordingly, Metrology's operating results were accounted for as discontinued operations and the related assets and liabilities were classified as held for sale. The sales transaction closed on October 7, 2010, except for assets located in China due to local restrictions. Total proceeds, which included a working capital adjustment of \$1 million, totaled \$230.4 million of which \$7.2 million relates to the assets in China. The Company recorded a liability to defer the gain of \$5.4 million on disposal related to the assets in China. As part of our agreement with Bruker, \$22.9 million of proceeds is held in escrow and is restricted from use for one year from the closing date of the transaction to secure potential specified losses, if any, arising out of breaches of representations, warranties and covenants we made in the stock purchase agreement and related documents.

Summary information related to discontinued operations is as follows (*in thousands*):

|                          | <b>Three months ended<br/>March 31,</b> |             |
|--------------------------|-----------------------------------------|-------------|
|                          | <b>2011</b>                             | <b>2010</b> |
| Net sales                | \$                                      | \$ 28,481   |
| Cost of sales            |                                         | 14,872      |
| Gross profit             |                                         | 13,609      |
| Total operating expenses |                                         | 498         |
| Operating (loss) income  | \$                                      | \$ (498)    |

|                                                            |    |       |    |       |
|------------------------------------------------------------|----|-------|----|-------|
| Net (loss) income from discontinued operations, net of tax | \$ | (441) | \$ | 3,219 |
|------------------------------------------------------------|----|-------|----|-------|

Liabilities of discontinued segment held for sale, totaling \$5.4 million, as of March 31, 2011 and December 31, 2010, consist of the deferred gain related to the assets in China.

### **Note 3 Equity-based Compensation Plans**

#### *Equity-based Compensation*

Equity-based compensation cost is measured at the grant date, based on the fair value of the award, and is recognized as expense over each employee's requisite service period. The following compensation expense was included in the Condensed Consolidated Statements of Income for the three months ended March 31, 2011 and 2010 (*in thousands*):

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|                                   | Three months ended<br>March 31, |          |
|-----------------------------------|---------------------------------|----------|
|                                   | 2011                            | 2010     |
| Equity-based compensation expense | \$ 3,098                        | \$ 1,866 |

As a result of the sale of our Metrology segment to Bruker, equity-based compensation expense related to Metrology employees totaling \$0.3 million has been classified as discontinued operations in determining the Condensed Consolidated Statements of Income for the three months ended March 31, 2010.

As of March 31, 2011, the total unrecognized compensation costs related to nonvested stock and stock option awards was \$7.8 million and \$12.8 million, respectively. The related weighted average period over which we expect that such unrecognized compensation costs will be recognized is approximately 2.5 years for nonvested stock awards and 1.9 years for option awards.

*Stock Option and Restricted Stock Activity*

A summary of our restricted stock awards including restricted stock units for the three months ended March 31, 2011, is presented below:

|                                        | Shares (000 s) | Weighted-Average Grant-Date Fair Value |
|----------------------------------------|----------------|----------------------------------------|
| Nonvested at December 31, 2010         | 616            | \$ 19.06                               |
| Granted                                | 6              | 44.82                                  |
| Vested                                 | (1)            | 4.20                                   |
| Forfeited (including cancelled awards) | (2)            | 26.20                                  |
| Nonvested at March 31, 2011            | 619            | \$ 19.28                               |

A summary of our stock option awards for the three months ended March 31, 2011, is presented below:

|                                         | Shares (000s) | Weighted-Average Exercise Price | Aggregate Intrinsic Value (000s) | Weighted-Average Remaining Contractual Life (in years) |
|-----------------------------------------|---------------|---------------------------------|----------------------------------|--------------------------------------------------------|
| Outstanding at December 31, 2010        | 2,569         | \$ 19.71                        |                                  |                                                        |
| Granted                                 | 16            | 44.02                           |                                  |                                                        |
| Exercised                               | (211)         | 13.85                           |                                  |                                                        |
| Forfeited (including cancelled options) | (24)          | 32.61                           |                                  |                                                        |
| Outstanding at March 31, 2011           | 2,350         | \$ 20.28                        | \$ 70,815                        | 5.7                                                    |
| Options exercisable at March 31, 2011   | 573           | \$ 17.40                        | \$ 18,920                        | 3.6                                                    |

*Treasury Stock*

On August 24, 2010, our Board of Directors authorized the repurchase of up to \$200 million of our common stock until August 26, 2011. Repurchases are expected to be made from time to time on the open market in accordance with applicable federal securities laws. The timing of repurchases and the exact number of shares of common stock to be purchased will depend upon market conditions, SEC regulations, and other factors. The repurchases will be funded using the Company's available cash balances and cash generated from operations. The program does not obligate the Company to acquire any particular amount of common stock and may be modified or suspended at any time at the Company's discretion. The Company had no share repurchase activity for the three months ended March 31, 2011 and 2010. At March 31, 2011, there remained \$161.9 million of authorization for future repurchases.

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Available-for-sale securities consist of the following (*in thousands*):

|                                     | March 31, 2011    |                                                       |                                                        |                         |
|-------------------------------------|-------------------|-------------------------------------------------------|--------------------------------------------------------|-------------------------|
|                                     | Amortized<br>Cost | Gains in Accumulated<br>Other Comprehensive<br>Income | Losses in Accumulated<br>Other Comprehensive<br>Income | Estimated<br>Fair Value |
| Commercial paper                    | \$ 95,584         | \$ 61                                                 | \$                                                     | \$ 95,645               |
| FDIC insured corporate bonds        | 105,348           | 21                                                    |                                                        | 105,369                 |
| Treasury bills                      | 224,970           | 41                                                    |                                                        | 225,011                 |
| Total available-for-sale securities | \$ 425,902        | \$ 123                                                | \$                                                     | \$ 426,025              |

|                                     | December 31, 2010 |                                                       |                                                        |                         |
|-------------------------------------|-------------------|-------------------------------------------------------|--------------------------------------------------------|-------------------------|
|                                     | Amortized<br>Cost | Gains in Accumulated<br>Other Comprehensive<br>Income | Losses in Accumulated<br>Other Comprehensive<br>Income | Estimated<br>Fair Value |
| Commercial paper                    | \$ 128,527        | \$ 61                                                 | \$                                                     | \$ 128,588              |
| FDIC insured corporate bonds        | 129,353           | 24                                                    |                                                        | 129,377                 |
| Treasury bills                      | 136,203           | 12                                                    |                                                        | 136,215                 |
| Total available-for-sale securities | \$ 394,083        | \$ 97                                                 | \$                                                     | \$ 394,180              |

During the three months ended March 31, 2011, available-for-sale securities were sold for total proceeds of \$122.1 million. The gross realized gains on these sales were minimal for the three months ended March 31, 2011. For purpose of determining gross realized gains, the cost of securities sold is based on specific identification. Net unrealized holding gains on available-for-sale securities of less than \$0.1 million for the three months ended March 31, 2011, have been included in accumulated other comprehensive income. During the three months ended March 31, 2010, available-for-sale securities matured for total proceeds of \$40.0 million. The gross realized gains on these sales were minimal for the three months ended March 31, 2010. There were no unrealized holding gains on available-for-sale securities for the three months ended March 31, 2010.

Contractual maturities of available-for-sale debt securities at March 31, 2011, are as follows (*in thousands*):

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|                                      | Estimated Fair Value |         |
|--------------------------------------|----------------------|---------|
| Due in one year or less              | \$                   | 276,642 |
| Due in 1 - 2 years                   |                      | 149,383 |
| Total investments in debt securities | \$                   | 426,025 |

Actual maturities may differ from contractual maturities because some borrowers have the right to call or prepay obligations with or without call or prepayment penalties.

*Restricted Cash*

As of March 31, 2011, we had \$76.1 million of restricted cash consisting of \$22.9 million that relates to the proceeds received from the sale of our Metrology segment. This cash is held in escrow and is restricted from use for one year from the closing date of the transaction to secure potential losses, if any, arising out of breaches of representations, warranties and covenants we made in the stock purchase agreement and related documents. Additionally, we had restricted cash consisting of \$53.2 million which serves as collateral for bank guarantees that

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provide financial assurance that the Company will fulfill certain customer obligations. This cash is held in custody by the issuing bank, and is restricted as to withdrawal or use while the related bank guarantees are outstanding.

*Accounts Receivable, net*

Accounts receivable are shown net of the allowance for doubtful accounts of \$0.5 million as of March 31, 2011 and December 31, 2010.

*Inventories*

Inventories are stated at the lower of cost (principally first-in, first-out) or market. Inventories consist of (*in thousands*):

|                 | <b>March 31,<br/>2011</b> | <b>December 31,<br/>2010</b> |
|-----------------|---------------------------|------------------------------|
| Raw materials   | \$ 55,584                 | \$ 49,953                    |
| Work in process | 50,268                    | 33,181                       |
| Finished goods  | 15,490                    | 25,353                       |
|                 | \$ 121,342                | \$ 108,487                   |

*Accrued Warranty*

We estimate the costs that may be incurred under the warranty we provide and record a liability in the amount of such costs at the time the related revenue is recognized. Factors that affect our warranty liability include product failure rates, material usage and labor costs incurred in correcting product failures during the warranty period. We periodically assess the adequacy of our recognized warranty liability and adjust the amount as necessary. Changes in our warranty liability during the period are as follows (*in thousands*):

|                                       | <b>Three months ended<br/>March 31,</b> |    |             |  |
|---------------------------------------|-----------------------------------------|----|-------------|--|
|                                       | <b>2011</b>                             |    | <b>2010</b> |  |
| Balance as of the beginning of period | \$ 9,238                                | \$ | 6,675       |  |
| Warranties issued during the period   | 3,014                                   |    | 1,446       |  |
| Settlements made during the period    | (2,121)                                 |    | (1,382)     |  |
| Balance as of the end of period       | \$ 10,131                               | \$ | 6,739       |  |

**Note 5 Segment Information**

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We manage the business, review operating results and assess performance, as well as allocate resources, based upon two separate reporting segments that reflect the market focus of each business. The Light Emitting Diode ( LED ) & Solar segment consists of metal organic chemical vapor deposition ( MOCVD ) systems, molecular beam epitaxy ( MBE ) systems, Copper, Indium, Gallium, Selenide ( CIGS ) deposition systems and thermal deposition sources. These systems are primarily sold to customers in the high-brightness LED ( HB LED ) and solar industries, as well as to scientific research customers. This segment has manufacturing, product development and marketing sites in Somerset, New Jersey, St. Paul, Minnesota and Lowell, Massachusetts and has a product development site in Clifton Park, New York. The Data Storage segment consists of the ion beam etch, ion beam deposition, diamond-like carbon, physical vapor deposition and dicing and slicing products sold primarily to customers in the data storage industry. This segment has manufacturing, product development and marketing sites in Plainview, New York, Camarillo, California and Ft. Collins, Colorado.

We evaluate the performance of our reportable segments based on income (loss) from continuing operations before interest, income taxes, amortization and certain items ( Segment profit (loss) ), which is the primary indicator used to plan and forecast future periods. The presentation of this financial measure facilitates meaningful comparison with prior periods, as management believes Segment profit (loss) reports baseline performance and thus provides useful information. Certain items include restructuring credits, equity-based compensation expense and loss on extinguishment of debt. The accounting policies of the reportable segments are the same as those described in the summary of critical accounting policies.

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The following tables present certain data pertaining to our reportable product segments and a reconciliation of segment profit (loss) to income (loss) from continuing operations before income taxes for the three months ended March 31, 2011 and 2010, respectively, and goodwill and total assets as of March 31, 2011 and December 31, 2010 (*in thousands*):

|                                                              | LED & Solar | Data Storage | Unallocated<br>Corporate<br>Amount | Total        |
|--------------------------------------------------------------|-------------|--------------|------------------------------------|--------------|
| <b>Three months ended March 31, 2011</b>                     |             |              |                                    |              |
| Net sales                                                    | \$ 214,698  | \$ 39,978    | \$                                 | \$ 254,676   |
| Segment profit (loss)                                        | \$ 73,963   | \$ 12,231    | \$ (2,292)                         | \$ 83,902    |
| Interest, net                                                |             |              | 1,299                              | 1,299        |
| Amortization                                                 | 714         | 363          | 58                                 | 1,135        |
| Equity-based compensation                                    | 977         | 308          | 1,813                              | 3,098        |
| Loss on extinguishment of debt                               |             |              | 304                                | 304          |
| Income (loss) from continuing operations before income taxes | \$ 72,272   | \$ 11,560    | \$ (5,766)                         | \$ 78,066    |
| <b>Three months ended March 31, 2010</b>                     |             |              |                                    |              |
| Net sales                                                    | \$ 111,505  | \$ 23,245    | \$                                 | \$ 134,750   |
| Segment profit (loss)                                        | \$ 28,358   | \$ 2,877     | \$ (3,136)                         | \$ 28,099    |
| Interest, net                                                |             |              | 1,783                              | 1,783        |
| Amortization                                                 | 796         | 383          | 58                                 | 1,237        |
| Equity-based compensation                                    | 467         | 215          | 1,184                              | 1,866        |
| Restructuring                                                |             | (179)        |                                    | (179)        |
| Income (loss) from continuing operations before income taxes | \$ 27,095   | \$ 2,458     | \$ (6,161)                         | \$ 23,392    |
| <b>As of March 31, 2011</b>                                  |             |              |                                    |              |
| Goodwill                                                     | \$ 52,003   | \$           | \$                                 | \$ 52,003    |
| Total assets                                                 | \$ 274,678  | \$ 65,350    | \$ 822,983                         | \$ 1,163,011 |
| <b>As of December 31, 2010</b>                               |             |              |                                    |              |
| Goodwill                                                     | \$ 52,003   | \$           | \$                                 | \$ 52,003    |
| Total assets                                                 | \$ 323,096  | \$ 61,691    | \$ 763,247                         | \$ 1,148,034 |

As of March 31, 2011 and December 31, 2010 corporate total assets were comprised principally of cash and cash equivalents, short-term investments and restricted cash.

**Note 6 Debt***Convertible Notes*

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Our convertible notes are initially convertible into 36.7277 shares of common stock per \$1,000 principal amount of notes (equivalent to a conversion price of \$27.23 per share or a premium of 38% over the closing market price for Veeco's common stock on April 16, 2007). On or after April 20, 2011, we may redeem the notes, in whole or in part, for cash at 100% of the principal amount of the notes to be redeemed plus accrued and unpaid interest to, but not including, the redemption date. Holders may convert the convertible notes at any time during the period beginning on January 15, 2012 through the close of business on the second day prior to April 15, 2012 and earlier upon the occurrence of certain events, including if the notes are called for redemption or if, for a given fiscal quarter, our common stock trades at prices equal to or above 130% of the conversion price for at least 20 trading days during the final 30 trading days of the immediately preceding fiscal quarter. At the end of the first quarter of 2011, our common stock was trading at prices equal to or above 130% of the conversion price for the specified period and, as a result, the notes are convertible during the second quarter of 2011. If the notes are converted, we have the ability and intent to pay the principal balance of notes tendered for conversion in cash. Accordingly, the balance of the convertible notes at March 31, 2011 has been classified as current in our Condensed Consolidated Balance Sheet. We pay interest on these notes on April 15 and October 15 of each year. The notes are unsecured and are effectively subordinated to all of our senior and secured indebtedness and to all indebtedness and other liabilities of our subsidiaries.

Current accounting guidance requires a portion of convertible debt to be allocated to equity. This guidance requires issuers of convertible debt that can be settled in cash to separately account for (*i.e.*, bifurcate) a portion of the debt associated with the conversion feature and reclassify this portion to equity. The liability portion, which

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represents the fair value of the debt without the conversion feature, is accreted to its face value over the life of the debt using the effective interest method by amortizing the discount between the face amount and the fair value. The amortization is recorded as interest expense. Our convertible notes are subject to this accounting guidance since they may be settled in cash upon conversion. This created a \$16.3 million discount on the debt that is amortized over the remaining life of the notes, which will be through April 15, 2012. This additional interest expense does not require the use of cash.

On February 14, 2011, at the option of the holder, \$7.5 million of notes were tendered for conversion at a price of \$45.95 per share, calculated as defined in the indenture relating to the notes, in a net share settlement. We paid the principal amount of \$7.5 million in cash and issued 111,318 shares of our common stock. As a result, we recorded a loss on extinguishment of \$0.3 million during the three months ended March 31, 2011.

The components of interest expense recorded on the notes were as follows (*in thousands*):

|                                        | <b>Three months ended<br/>March 31,</b> |       |             |
|----------------------------------------|-----------------------------------------|-------|-------------|
|                                        | <b>2011</b>                             |       | <b>2010</b> |
| Contractual interest                   | \$                                      | 1,012 | \$ 1,089    |
| Accretion of the discount on the Notes |                                         | 769   | 741         |
| Total interest expense on the Notes    | \$                                      | 1,781 | \$ 1,830    |
| Effective interest rate                |                                         | 7.1%  | 6.9%        |

The carrying amounts of the liability and equity components of the notes were as follows (*in thousands*):

|                                               | <b>March 31,<br/>2011</b> |        | <b>December 31,<br/>2010</b> |         |
|-----------------------------------------------|---------------------------|--------|------------------------------|---------|
| Carrying amount of the equity component       | \$                        | 15,166 | \$                           | 16,318  |
| Principal balance of the liability component  | \$                        | 98,120 | \$                           | 105,574 |
| Less: unamortized discount                    |                           | 3,381  |                              | 4,436   |
| Net carrying value of the liability component | \$                        | 94,739 | \$                           | 101,138 |

As of March 31, 2011, the \$98.1 million of the convertible notes outstanding had a fair value of approximately \$177.2 million.

*Mortgage Payable*

We also have a mortgage payable, with approximately \$2.8 million outstanding as of March 31, 2011. The mortgage accrues interest at an annual rate of 7.91%, and the final payment is due on January 1, 2020. The fair value of the mortgage as of March 31, 2011 was approximately \$3.1 million.

**Note 7 Fair Value Measurements**

We have categorized our assets and liabilities recorded at fair value based upon the fair value hierarchy. The levels of fair value hierarchy are as follows:

- Level 1 inputs utilize quoted prices (unadjusted) in active markets for identical assets or liabilities that we have the ability to access.
- Level 2 inputs utilize other-than-quoted prices that are observable, either directly or indirectly. Level 2 inputs include quoted prices for similar assets and liabilities in active markets, and inputs such as interest rates and yield curves that are observable at commonly quoted intervals.

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- Level 3 inputs are unobservable and are typically based on our own assumptions, including situations where there is little, if any, market activity.

In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, we categorize such assets or liabilities based on the lowest level input that is significant to the fair value measurement in its entirety. Our assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to the asset.

Both observable and unobservable inputs may be used to determine the fair value of positions that are classified within the Level 3 category. As a result, the unrealized gains and losses for assets within the Level 3 category presented below may include changes in fair value that were attributable to both observable (e.g., changes in market interest rates) and unobservable (e.g., changes in historical company data) inputs.

The major categories of assets and liabilities measured on a recurring basis, at fair value, as of March 31, 2011 and December 31, 2010, are as follows (*in millions*):

|                              | March 31, 2011 |         |         |          |
|------------------------------|----------------|---------|---------|----------|
|                              | Level 1        | Level 2 | Level 3 | Total    |
| Treasury bills               | \$ 225.0       | \$ 25.3 |         | \$ 250.3 |
| FDIC insured corporate bonds | 105.4          |         |         | 105.4    |
| Commercial paper             | 95.6           | 69.2    |         | 164.8    |
| Money market instruments     |                | 0.9     |         | 0.9      |
| Derivative instrument        |                | 0.2     |         | 0.2      |
| Total                        | \$ 426.0       | \$ 95.6 |         | \$ 521.6 |

|                              | December 31, 2010 |          |         |          |
|------------------------------|-------------------|----------|---------|----------|
|                              | Level 1           | Level 2  | Level 3 | Total    |
| Treasury bills               | \$ 136.2          | \$ 79.5  |         | \$ 215.7 |
| FDIC insured corporate bonds | 129.4             |          |         | 129.4    |
| Commercial paper             | 128.6             | 62.8     |         | 191.4    |
| Money market instruments     |                   | 0.6      |         | 0.6      |
| Derivative instrument        |                   | 0.3      |         | 0.3      |
| Total                        | \$ 394.2          | \$ 143.2 |         | \$ 537.4 |

Commercial paper and treasury bills that are classified as cash equivalents are carried at cost, which approximates market value. Accordingly, no gains or losses (realized/unrealized) have been incurred for cash equivalents. All investments classified as available-for-sale contain quoted prices in active markets.

Derivative instruments include foreign currency forward contracts to hedge certain foreign currency transactions. Derivative instruments are valued using standard calculations/models that are primarily based on observable inputs, including foreign currency exchange rates, volatilities and interest rates.

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The major categories of assets and liabilities measured on a nonrecurring basis, at fair value, as of March 31, 2011 and December 31, 2010, are as follows (*in millions*):

|                                    | March 31, 2011 |           |                 | Total           |
|------------------------------------|----------------|-----------|-----------------|-----------------|
|                                    | Level 1        | Level 2   | Level 3         |                 |
| Property, plant and equipment, net | \$             | \$        | \$ 49.0         | \$ 49.0         |
| Goodwill                           |                |           | 52.0            | 52.0            |
| Intangible assets, net             |                |           | 15.7            | 15.7            |
| Restructuring liability            |                |           | 0.5             | 0.5             |
| <b>Total</b>                       | <b>\$</b>      | <b>\$</b> | <b>\$ 117.2</b> | <b>\$ 117.2</b> |

|                                    | December 31, 2010 |           |                 | Total           |
|------------------------------------|-------------------|-----------|-----------------|-----------------|
|                                    | Level 1           | Level 2   | Level 3         |                 |
| Property, plant and equipment, net | \$                | \$        | \$ 42.3         | \$ 42.3         |
| Goodwill                           |                   |           | 52.0            | 52.0            |
| Intangible assets, net             |                   |           | 16.9            | 16.9            |
| Restructuring liability            |                   |           | (1.0)           | (1.0)           |
| <b>Total</b>                       | <b>\$</b>         | <b>\$</b> | <b>\$ 110.2</b> | <b>\$ 110.2</b> |

### Note 8 Subsequent Events

On April 5, 2011, we purchased a privately-held company which supplies certain components to our business for \$28.0 million in cash.

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

**Executive Summary**

We make equipment to develop and manufacture light emitting diodes ( LEDs ), solar panels, hard-disk drives and other devices. We have leading technology positions in our two segments: LED & Solar and Data Storage.

In our LED & Solar segment, we design and manufacture metal organic chemical vapor deposition ( MOCVD ) systems, molecular beam epitaxy ( MBE ) systems, Copper, Indium, Gallium, Selenide ( CIGS ) deposition systems and thermal deposition sources which we sell to manufacturers of high brightness LEDs ( HB LED ) and solar panels, as well as to scientific research customers.

In our Data Storage segment, we design and manufacture ion beam etch, ion beam deposition, diamond-like carbon, physical vapor deposition, chemical vapor deposition, and dicing and slicing systems primarily used to create thin film magnetic heads ( TFMHs ) that read and write data on hard disk drives.

We support our customers through product development, manufacturing, sales and service sites in the U.S., Korea, Taiwan, China, Singapore, Japan, England, Germany and other locations.

**Highlights of the First Quarter of 2011**

- Revenue was \$254.7 million, an 89% increase from the first quarter of 2010.
- Orders were \$230.9 million, a 3% decrease from the first quarter of 2010.
- Net income from continuing operations was \$53.1 million, or \$1.25 per share, compared to \$22.8 million, or \$0.54 per share, in the first quarter of 2010.
- Gross margins were 50.8%, compared to 42.1% in the first quarter of 2010.

**Second Quarter and Full Year 2011 Outlook**

Veeco's second quarter 2011 revenue is currently forecasted to be between \$255 and \$285 million. Earnings per share are currently forecasted to be between \$1.08 to \$1.32 on a GAAP basis.

We currently forecast second quarter 2011 orders at 25% or more above the first quarter level, and we have visibility for continued order strength through the third quarter. We are experiencing extremely strong levels of quoting activity, very positive customer reaction to the MaxBright, and a large number of multi-system deals currently on the table. We expect MOCVD order patterns to fluctuate from quarter to quarter depending upon the timing of customer deposits. We expect order strength to continue in China as it builds its LED infrastructure for solid state lighting, and quoting activity in Korea and Taiwan is also picking up with improved utilization rates being reported at key customers. We expect orders for our Data Storage products to improve sequentially as customer quoting activity for technology and capacity buys are improving to support anticipated hard drive unit growth in the second half of 2011.

While it is difficult to predict future business trends in LED, we have estimated that the market opportunity for MOCVD is approximately 5,000 chambers between 2011 and 2015 as we expect LEDs to fully penetrate display applications and see accelerated adoption in solid state lighting over the next few years. As part of our efforts to capitalize upon this potential opportunity, Veeco is expanding training, service and support functions in China, Taiwan and Korea and accelerating our new product roadmap.

Our Data Storage business continues to perform well in 2011, with new products that are meeting customer technology challenges and a flexible outsourced manufacturing model that we believe will enable increased profitability and cash generation.

Veeco's full year 2011 guidance remains unchanged at greater than \$1 billion in revenues. We are optimistic about the future and believe that we are well positioned from a technology, product, and operational standpoint to grow our LED & Solar and Data Storage businesses in 2011 and beyond.

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Our outlook discussion above constitutes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Our expectations regarding future results are subject to risks and uncertainties. Our actual results may differ materially from those anticipated. Risks associated with our ability to achieve these results are set forth in Items 1, 1A, 3, 7 and 7A in our annual report on Form 10-K for the year ended December 31, 2010, as well as any modifications or revisions to risk factors contained in our subsequent filings with the SEC.

You should not place undue reliance on any forward-looking statements, which speak only as of the dates they are made.

Table of Contents**Results of Operations:****Three Months Ended March 31, 2011 and 2010**

Consistent with prior years, we report interim quarters, other than fourth quarters which always end on December 31, on a 13-week basis ending on the last Sunday within such period. The interim quarter ends are determined at the beginning of each year based on the 13-week quarters. The 2011 interim quarter ends are April 3, July 3 and October 2. The 2010 interim quarter ends were March 28, June 27 and September 26. For ease of reference, we report these interim quarter ends as March 31, June 30 and September 30 in our interim condensed consolidated financial statements.

The following table shows our Condensed Consolidated Statements of Income, percentages of sales, and comparisons between the three months ended March 31, 2011 and 2010 (*dollars in thousands*):

|                                                          | 2011       |        | Three months ended<br>March 31,<br>2010 |        | Dollar and<br>Percentage<br>Change<br>Year to Year |         |
|----------------------------------------------------------|------------|--------|-----------------------------------------|--------|----------------------------------------------------|---------|
|                                                          | \$         |        | \$                                      |        | \$                                                 |         |
| Net sales                                                | \$ 254,676 | 100.0% | \$ 134,750                              | 100.0% | \$ 119,926                                         | 89.0%   |
| Cost of sales                                            | 125,344    | 49.2   | 78,010                                  | 57.9   | 47,334                                             | 60.7    |
| Gross profit                                             | 129,332    | 50.8   | 56,740                                  | 42.1   | 72,592                                             | 127.9   |
| Operating expenses (income):                             |            |        |                                         |        |                                                    |         |
| Selling, general and administrative                      | 23,933     | 9.4    | 17,726                                  | 13.2   | 6,207                                              | 35.0    |
| Research and development                                 | 24,582     | 9.7    | 12,956                                  | 9.6    | 11,626                                             | 89.7    |
| Amortization                                             | 1,135      | 0.4    | 1,237                                   | 0.9    | (102)                                              | (8.2)   |
| Restructuring                                            |            |        | (179)                                   | (0.1)  | 179                                                | (100.0) |
| Other, net                                               | 13         | 0.0    | (175)                                   | (0.1)  | 188                                                | *       |
| Total operating expenses                                 | 49,663     | 19.5   | 31,565                                  | 23.4   | 18,098                                             | 57.3    |
| Operating income                                         | 79,669     | 31.3   | 25,175                                  | 18.7   | 54,494                                             | 216.5   |
| Interest expense, net                                    | 1,299      | 0.5    | 1,783                                   | 1.3    | (484)                                              | (27.1)  |
| Loss on extinguishment of debt                           | 304        | 0.1    |                                         |        | 304                                                | *       |
| Income from continuing operations<br>before income taxes | 78,066     | 30.7   | 23,392                                  | 17.4   | 54,674                                             | 233.7   |
| Income tax provision                                     | 24,983     | 9.8    | 567                                     | 0.4    | 24,416                                             | 4,306.2 |
| Income from continuing operations                        | 53,083     | 20.8   | 22,825                                  | 16.9   | 30,258                                             | 132.6   |
| Discontinued operations:                                 |            |        |                                         |        |                                                    |         |
| (Loss) income from discontinued<br>operations            | (498)      | (0.2)  | 3,962                                   | 2.9    | (4,460)                                            | *       |
| Income tax (benefit) provision                           | (57)       | (0.0)  | 743                                     | 0.6    | (800)                                              | *       |
| (Loss) income from discontinued<br>operations            | (441)      | (0.2)  | 3,219                                   | 2.4    | (3,660)                                            | *       |
| Net income                                               | \$ 52,642  | 20.7%  | \$ 26,044                               | 19.3%  | \$ 26,598                                          | 102.1%  |

\* Not Meaningful

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Net Sales and Orders

Net sales of \$254.7 million for the three months ended March 31, 2011 were up 89.0% compared to the prior year period. The following is an analysis of net sales and orders by segment and by region (*dollars in thousands*):

|                                               | Sales                           |            |                                                 |        | Orders                          |            |                                                 |         | Book to Bill Ratio |      |
|-----------------------------------------------|---------------------------------|------------|-------------------------------------------------|--------|---------------------------------|------------|-------------------------------------------------|---------|--------------------|------|
|                                               | Three months ended<br>March 31, |            | Dollar and Percentage<br>Change<br>Year to Year |        | Three months ended<br>March 31, |            | Dollar and Percentage<br>Change<br>Year to Year |         | 2011               | 2010 |
|                                               | 2011                            | 2010       |                                                 |        | 2011                            | 2010       |                                                 |         |                    |      |
| <b>Segment Analysis</b>                       |                                 |            |                                                 |        |                                 |            |                                                 |         |                    |      |
| LED & Solar                                   | \$ 214,698                      | \$ 111,505 | \$ 103,193                                      | 92.5%  | \$ 198,265                      | \$ 211,663 | \$ (13,398)                                     | (6.3)%  | 0.92               | 1.90 |
| Data Storage                                  | 39,978                          | 23,245     | 16,733                                          | 72.0   | 32,615                          | 26,372     | 6,243                                           | 23.7    | 0.82               | 1.13 |
| Total                                         | \$ 254,676                      | \$ 134,750 | \$ 119,926                                      | 89.0%  | \$ 230,880                      | \$ 238,035 | \$ (7,155)                                      | (3)%    | 0.91               | 1.77 |
| <b>Regional Analysis</b>                      |                                 |            |                                                 |        |                                 |            |                                                 |         |                    |      |
| Americas                                      | \$ 29,254                       | \$ 20,009  | \$ 9,245                                        | 46.2%  | \$ 21,199                       | \$ 26,470  | \$ (5,271)                                      | (19.9)% | 0.72               | 1.32 |
| Europe, Middle<br>East and Africa<br>( EMEA ) | 15,449                          | 15,856     | (407)                                           | (2.6)  | 9,390                           | 29,431     | (20,041)                                        | (68.1)  | 0.61               | 1.86 |
| China                                         | 171,162                         | 23,196     | 147,966                                         | 637.9  | 142,929                         | 34,311     | 108,618                                         | 316.6   | 0.84               | 1.48 |
| Taiwan                                        | 21,575                          | 15,783     | 5,792                                           | 36.7   | 36,064                          | 21,815     | 14,249                                          | 65.3    | 1.67               | 1.38 |
| Korea                                         | 3,263                           | 50,314     | (47,051)                                        | (93.5) | 1,636                           | 117,505    | (115,869)                                       | (98.6)  | 0.50               | 2.34 |
| Other APAC                                    | 13,973                          | 9,592      | 4,381                                           | 45.7   | 19,662                          | 8,503      | 11,159                                          | 131.2   | 1.41               | 0.89 |
| Asia Pacific                                  | 209,973                         | 98,885     | 111,088                                         | 112.3  | 200,291                         | 182,134    | 18,157                                          | 10.0    | 0.95               | 1.84 |
| Total                                         | \$ 254,676                      | \$ 134,750 | \$ 119,926                                      | 89.0%  | \$ 230,880                      | \$ 238,035 | \$ (7,155)                                      | (3)%    | 0.91               | 1.77 |

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Sales increased in both segments for the three months ended March 31, 2011 compared to the prior year period. LED & Solar sales were up 92.5% from the prior year period primarily due to increases in shipments (shipments in our MOCVD business increased by 79.2% during the three months ended March 31, 2011 from the prior year period) from higher end user demand for HB LED backlighting applications, general illumination and continued strong customer acceptance of Veeco's newest generation systems. Data Storage segment sales were up 72.0% from the prior year period due to an increase in capital spending by data storage customers for capacity and technology buys. By region, net sales increased by 112.3% in the Asia Pacific region, primarily due to MOCVD sales to HB LED customers. Sales in the Americas also increased 46.2%, related to an increase in sales in our Data Storage segment, and sales in EMEA decreased slightly by 2.6%. We believe that there will continue to be period-to-period variations in the geographic distribution of sales.

Orders for the three months ended March 31, 2011 decreased slightly by 3.0% from the prior year period. By segment, the 6.3% decrease in orders for LED & Solar was principally related to the timing of receipts of certain customer deposits. The 23.7% increase in Data Storage orders resulted from an increase in demand by our data storage customers due to both capacity and technology requirements.

Our book-to-bill ratio for the three months ended March 31, 2011, which is calculated by dividing orders received in a given time period by revenue recognized in the same time period, was 0.91 to 1. Our backlog as of March 31, 2011 was \$530.1 million, compared to \$555.0 million as of December 31, 2010. During the three months ended March 31, 2011, we experienced backlog adjustments of approximately \$1.0 million, related to order adjustments. For certain sales arrangements we require a deposit for a portion of the sales price before shipment. As of March 31, 2011, we had customer deposits and advanced billings of \$122.9 million.

*Gross Profit*

Gross profit, as a percentage of net sales, for the three months ended March 31, 2011, was 50.8%, compared to 42.1% in the prior year period. LED & Solar gross margins increased to 50.2% from 42.7% primarily resulting from increased sales volume, favorable product mix/pricing and product cost reductions. Data Storage gross margins increased to 53.7% from 39.4%, driven primarily by increased sales volume, as well as favorable product mix and product cost reductions.

*Operating Expenses*

Selling, general and administrative expenses increased by \$6.2 million, or 35.0%, from the prior year period. As a percentage of sales however, decreased from 13.2% for the three months ended March 31, 2011 to 9.4% in the prior year period. The dollar increase was primarily due to an increase in salary and related expenses, professional fees, equity-based compensation, project materials and travel and entertainment expenses associated primarily with the significant increase in business activity in our LED & Solar segment.

Research and development expenses increased \$11.6 million from the prior year period, however, remained flat as a percentage of net sales. The dollar increase was primarily due to continued product development in areas of high-growth for end market opportunities in our LED & Solar segment.

*Income Taxes*

Our provision for income taxes consists of U.S. federal, state and local and foreign taxes in amounts necessary to align our quarter-to-date tax provision with the effective tax rate we expect to achieve for the full year.

For the three months ended March 31, 2011, the Company had an effective tax rate of 32.0% and recorded a provision for income taxes of \$25.0 million from continuing operations. The effective tax rate was lower than the statutory tax rate primarily due to tax rate differences in the foreign jurisdictions in which the Company operates, the generation of research and development tax credits and an income tax benefit related to the manufacturer's deduction under IRC Section 199.

For the three months ended March 31, 2010, the Company had an effective tax rate of 2.4% and recorded a provision for income taxes of \$0.6 million from continuing operations. The effective tax rate was lower than the statutory tax rate as a significant portion of the Company's deferred tax assets became realizable based on operating results for 2010.

Table of Contents*Discontinued Operations*

Discontinued operations represent the results of the operations of our disposed Metrology segment which was sold to Bruker on October 7, 2010, reported as discontinued operations.

**Liquidity and Capital Resources**

Historically, our principal capital requirements have included the funding of acquisitions, capital expenditures and repayment of debt. We traditionally have generated cash from operations and debt and stock issuances. Our ability to generate sufficient cash flows from operations is dependent on the continued demand for our products and services. A summary of the cash flow activity for the three months ended March 31, 2011 and 2010, respectively, is as follows (*in thousands*):

|                                                              | <b>Three months ended</b> |             |
|--------------------------------------------------------------|---------------------------|-------------|
|                                                              | <b>March 31,</b>          |             |
|                                                              | <b>2011</b>               | <b>2010</b> |
| Net income                                                   | \$ 52,642                 | \$ 26,044   |
| Net cash provided by operating activities                    | \$ 74,887                 | \$ 41,753   |
| Net cash used in investing activities                        | (41,592)                  | (21,584)    |
| Net cash (used in) provided by financing activities          | (2,382)                   | 26,460      |
| Effect of exchange rate changes on cash and cash equivalents | 792                       | (1,123)     |
| Net increase in cash and cash equivalents                    | 31,705                    | 45,506      |
| Cash and cash equivalents at beginning of period             | 245,132                   | 148,500     |
| Cash and cash equivalents at end of period                   | \$ 276,837                | \$ 194,006  |

Cash provided by operations during the three months ended March 31, 2011 was \$74.9 million compared to \$41.8 million during the three months ended March 31, 2010. The \$74.9 million cash provided by operations in 2011 included adjustments to the \$52.6 million of net income for non-cash items. The adjustments consisted of \$3.3 million of depreciation and amortization, \$3.1 million of non-cash equity-based compensation expense, \$0.8 million of amortization of debt discount, \$8.0 million of deferred income taxes, \$(2.2) million of excess tax benefits from stock option exercises and \$0.3 million loss on extinguishment of debt. Net cash provided by operations was favorably impacted by a net \$8.8 million of changes in operating assets and liabilities, which included a \$55.9 million decrease in accounts receivable, a \$6.4 million increase in accounts payable and an \$3.2 million decrease in other assets, partially offset by a \$12.8 million increase in inventories, an \$11.1 million decrease in accrued expenses, principally resulting from the payout of bonuses and profit sharing during the first quarter of 2011 and a \$32.7 million decrease in income taxes payable. Cash provided by operations during the three months ended March 31, 2010 was \$41.8 million and included adjustments to the \$26.0 million net income for non-cash items. The adjustments consisted of \$3.3 million of depreciation and amortization, \$1.9 million of non-cash stock-based compensation expense, \$0.7 million of amortization of debt discount and \$2.0 million of discontinued operations. Net cash provided by operations in 2010 was favorably impacted by a net \$7.8 million of changes in operating assets and liabilities.

Cash used in investing activities of \$41.6 million during the three months ended March 31, 2011, consisted primarily of \$154.3 million of purchases of short-term investments and \$9.4 million of capital expenditures, partially offset by proceeds of \$122.1 million from the sale of short-term investments. Cash used in investing activities of \$21.6 million for the three months ended March 31, 2010, consisted primarily of \$60.5 million of purchases of short-term investments, \$1.1 million of capital expenditures, partially offset by \$40.0 million of proceeds from the maturity of CDARs.

Cash used in financing activities of \$2.4 million during the three months ended March 31, 2011, consisted primarily of \$7.5 million of repayments of long-term debt, partially offset by \$2.9 million of cash proceeds from stock option exercises and \$2.2 million excess tax benefits from stock options exercises. Cash provided by financing activities of \$26.5 million during the three months ended March 31, 2010, consisted of \$27.0 million from stock option exercises partially offset by \$0.5 million of restricted stock tax withholdings.

As of March 31, 2011 we had \$98.1 million principal amount of notes outstanding. The notes accrue interest at 4.125% per annum and mature on April 15, 2012. We pay interest on these notes on April 15 and October 15 of each year. The notes are unsecured and are effectively subordinated to all of our senior and secured indebtedness and to all indebtedness and other liabilities of our subsidiaries. The notes meet the criteria for determining the effect of the assumed conversion using the treasury stock method of accounting, since we have the ability and the intent to settle

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the principal amount of the notes in cash. Under the terms of the notes, we may pay the principal amount of converted notes in cash or in shares of common stock. We intend to pay such amounts in cash.

The notes are initially convertible into 36.7277 shares of common stock per \$1,000 principal amount of notes (equivalent to a conversion price of \$27.23 per share or a premium of 38% over the closing market price for our common stock on April 16, 2007). On or after April 20, 2011, we may redeem the notes, in whole or in part, for cash at 100% of the principal amount of the notes to be redeemed plus accrued and unpaid interest to, but not including, the redemption date. At the time of redemption, if the notes are in-the-money, the redemption will effectively force conversion and in addition to the principal paid in cash, the conversion premium will be issued in shares of our common stock. Holders may convert the notes at any time during the period beginning on January 15, 2012 through the close of business on the second day prior to April 15, 2012 and earlier upon the occurrence of certain events including our common stock trading at prices equal to or above 130% of the conversion price for at least 20 trading days during the final 30 trading days of the immediately preceding fiscal quarter. At the end of the first quarter of 2011, our common stock was trading at prices equal to or above 130% of the conversion price for the specified period and, as a result, the convertible notes are convertible during the second quarter of 2011. If the convertible notes are converted, we have the ability and intent to pay the principal balance of notes tendered for conversion in cash. We will re-perform this test each quarter up to and including the fourth quarter of 2011. Accordingly, the balance of the convertible notes at March 31, 2011 has been classified as current in our Condensed Consolidated Balance Sheet.

On February 14, 2011, at the option of the holder, \$7.5 million of notes were tendered for conversion at a price of \$45.95 per share, calculated as defined in the indenture relating to the notes, in a net share settlement. As a result, we paid the principal amount of \$7.5 million in cash and issued 111,318 shares of our common stock. Accordingly, we took a charge for the related unamortized debt discount totaling \$0.3 million. On March 31, 2011 and April 19, 2011, we received conversion notifications from the holders of \$5.0 million of notes and \$1.5 million of notes, respectively, for which we intend to net share settle. As a result, we will pay the principal amount of \$6.5 million in cash and will issue the conversion premium in shares of our common stock during the second quarter.

On April 25, 2011, we sent notice to holders of the notes that the Company is calling for redemption all of the outstanding notes. The redemption date for the notes will be May 26, 2011 (the Redemption Date). Subject to and in accordance with the terms and conditions set forth in the indenture relating to the notes, holders of notes being called for redemption have the right to convert their notes on the second business day immediately preceding the Redemption Date. If the notes are converted we intend to net share settle. As a result, we will pay the principal amount of the remaining \$91.6 million in cash and will issue the conversion premium in shares of our common stock during the second quarter.

On April 5, 2011, we purchased a privately-held company which supplies certain components to our business for \$28.0 million in cash.

As of March 31, 2011, we had \$76.1 million of restricted cash consisting of \$22.9 million that relates to the proceeds received from the sale of our Metrology segment. This cash is held in escrow and is restricted from use for one year from the closing date of the transaction to secure potential losses, if any, arising out of breaches of representations, warranties and covenants we made in the stock purchase agreement and related documents. Additionally, we also had restricted cash consisting of \$53.2 million which serves as collateral for bank guarantees that provide financial assurance that the Company will fulfill certain customer obligations. This cash is held in custody by the issuing bank, and is restricted as to withdrawal or use while the related bank guarantees are outstanding.

We believe that existing cash balances together with cash generated from operations will be sufficient to meet our projected working capital and other cash flow requirements for the next twelve months, as well as our contractual obligations.

*Common Stock Repurchase Program*

The Company had no share repurchase activity for the three months ended March 31, 2011. At March 31, 2011, there remained \$161.9 million of authorization for future repurchases.

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**Contractual Obligations**

There have been no significant changes to our Contractual Obligations table, except for purchase commitments, in Part II, Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations of our 2010 Annual Report on Form 10-K. The purchase commitments outstanding at March 31, 2011 were \$182.1 million.

**Application of Critical Accounting Policies**

*General:* Our discussion and analysis of our financial condition and results of operations are based upon our Condensed Consolidated Financial Statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses. Management continually monitors and evaluates its estimates and judgments, including those related to bad debts, inventories, intangible and other long-lived assets, income taxes, warranty obligations, restructuring costs, and contingent liabilities, including potential litigation. Management bases its estimates and judgments on historical experience and on various other factors that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. We consider certain accounting policies related to revenue recognition, short-term investments, the valuation of inventories, the impairment of goodwill and indefinite-lived intangible assets, the impairment of long-lived assets, fair value measurements, warranty costs, income taxes and equity-based compensation to be critical policies due to the estimation processes involved in each.

*Revenue Recognition:* We recognize revenue based on current accounting guidance provided by the Securities and Exchange Commission (SEC) and the Financial Accounting Standards Board (FASB). Our revenue transactions include sales of products under multiple-element arrangements. Revenue under these arrangements is allocated to each element based upon its estimated fair market value.

We consider a broad array of facts and circumstances when evaluating each of our sales arrangements in determining when to recognize revenue, including specific terms of the purchase order, contractual obligations to the customer, the complexity of the customer's post-delivery acceptance provisions, customer creditworthiness and the installation process. Management also considers the party responsible for installation, whether there are process specification requirements which need to be demonstrated before final sign off and payment, whether Veeco can replicate the field testing conditions and procedures in our factory and our past experience with demonstrating and installing a particular system. Sales arrangements are reviewed on a case-by-case basis; however, the Company's revenue recognition protocol for established systems is as described below.

System revenue is generally recognized upon shipment or delivery provided title and risk of loss has passed to the customer, evidence of an arrangement exists, prices are contractually fixed or determinable, collectability is reasonably assured and there are no material uncertainties regarding customer acceptance. Revenue from installation services is recognized at the time acceptance is received from the customer. If the arrangement does not meet all the above criteria, the entire amount of the sales arrangement is deferred until the criteria have been met or all elements have been delivered to the customer or been completed.

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For those transactions on which we recognize systems revenue, either at the time of shipment or delivery, our sales and contractual arrangements with customers do not contain provisions for right of return or forfeiture, refund or other purchase price concessions. In the rare instances where such provisions are included, the Company defers all revenue until customer acceptance is achieved. In cases where products are sold with a retention of 10% to 20%, which is typically payable by the customer when installation and field acceptance provisions are completed, the customer has the right to withhold this payment until such provisions have been achieved. We defer the greater of the retention amount or the fair value of the installation on systems that we recognize revenue at the time of shipment or delivery.

For new products, new applications of existing products or for products with substantive customer acceptance provisions where performance cannot be fully assessed prior to meeting agreed upon specifications at the customer site, revenue is deferred as deferred profit in the accompanying Condensed Consolidated Balance Sheets and fully recognized upon completion of installation and receipt of final customer acceptance.

Our systems are principally sold to manufacturers in the HB-LED, the data storage and solar industries. Sales arrangements for these systems generally include customer acceptance criteria based upon Veeco and/or

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customer specifications. Prior to shipment a customer source inspection of the system is performed in our facility or test data is sent to the customer documenting that the system is functioning within agreed upon specifications. Such source inspection or test data replicates the acceptance testing that will be performed at the customer's site prior to final acceptance of the system. Customer acceptance provisions include reassembly and installation of the system at the customer site, which includes performing functional or mechanical test procedures (i.e. hardware checks, leak testing, gas flow monitoring and quality control checks of the basic features of the product.) Additionally, a material demonstration process may be performed to validate the functionality of the product. Upon meeting the agreed upon specifications the customer approves final acceptance of the product.

Veeco generally is required to install these products and demonstrate compliance with acceptance tests at the customer's facility. Such installations typically are not considered complex and the installation process is not deemed essential to the functionality of the equipment because it does not involve significant changes to the features or capabilities of the equipment or involve building complex interfaces or connections. We have a demonstrated history of completing such installations in a timely, consistent manner and can reliably estimate the costs of such. In such cases, the test environment at our facilities prior to shipment replicates the customer's environment. While there are others in the industry with sufficient knowledge about the installation process for our systems as a practical matter, most customers engage the Company to perform the installation services.

In Japan, where our contractual terms with customers generally specify risk of loss and title transfers upon customer acceptance, revenue is recognized and the customer is billed upon receipt of written customer acceptance.

Revenue related to maintenance and service contracts is recognized ratably over the applicable contract term. Component and spare part revenue is recognized at the time of shipment or delivery in accordance with the terms of the applicable sales arrangement.

*Short-Term Investments:* We determine the appropriate balance sheet classification of our investments at the time of purchase and evaluate the classification at each balance sheet date. As part of our cash management program, we maintain a portfolio of marketable securities which are classified as available-for-sale. These securities include FDIC insured corporate bonds, treasury bills, commercial paper and CDARS with maturities of greater than three months when purchased in principal amounts that, when aggregated with interest to accrue over the term, will not exceed FDIC limits. Securities classified as available-for-sale are carried at fair market value, with the unrealized gains and losses, net of tax, included in the determination of comprehensive income (loss) and reported in equity. Net realized gains and losses are included in net income.

*Inventory Valuation:* Inventories are stated at the lower of cost (principally first-in, first-out method) or market. Management evaluates the need to record adjustments for impairment of inventory on a quarterly basis. Our policy is to assess the valuation of all inventories, including raw materials, work-in-process, finished goods, and spare parts and other service inventory. Obsolete or slow-moving inventory, based upon historical usage, or inventory in excess of management's estimated usage for the next 12 months' requirements is written-down to its estimated market value, if less than its cost. Inherent in the estimates of market value are management's estimates related to our future manufacturing schedules, customer demand, technological and/or market obsolescence, possible alternative uses, and ultimate realization of excess inventory.

*Goodwill and Indefinite-Lived Intangible Asset Impairment:* The Company does not amortize goodwill or intangible assets with indefinite useful lives, but instead tests the balances in these asset accounts for impairment at least annually at the reporting unit level. Our policy is to perform this annual impairment test in the fourth quarter of each fiscal year or more frequently if impairment indicators arise. Impairment indicators include, among other conditions, cash flow deficits, a historical or anticipated decline in revenue or operating profit, adverse legal or regulatory developments, and a material decrease in the fair value of some or all of the assets.

Pursuant to relevant accounting pronouncements we are required to determine if it is appropriate to use the operating segment as defined under accounting guidance as the reporting unit or one level below the operating segment, depending on whether certain criteria are met. We have identified two reporting units that are required to be reviewed for impairment. The reporting units are LED & Solar and Data Storage. In identifying the reporting units management considered the economic characteristics of operating segments including the products and services provided, production processes, types or classes of customer and product distribution.

We perform this impairment test by first comparing the fair value of our reporting units to their respective carrying amount. When determining the estimated fair value of a reporting unit, we utilize a discounted future cash flow approach since reported quoted market prices are not available for our reporting units. Developing the estimate

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of the discounted future cash flow requires significant judgment and projections of future financial performance. The key assumptions used in developing the discounted future cash flows are the projection of future revenues and expenses, working capital requirements, residual growth rates and the weighted average cost of capital. In developing our financial projections, we consider historical data, current internal estimates and market growth trends. Changes to any of these assumptions could materially change the fair value of the reporting unit. We reconcile the aggregate fair value of our reporting units to the Company's adjusted market capitalization as a supporting calculation. The adjusted market capitalization is calculated by multiplying the average share price of our common stock for the last ten trading days prior to the measurement date by the number of outstanding common shares and adding a control premium.

If the carrying value of the reporting units exceed the fair value we would then compare the implied fair value of our goodwill to the carrying amount in order to determine the amount of the impairment, if any.

*Definite-Lived Intangible and Long-Lived Assets:* Intangible assets consist of purchased technology, customer-related intangible assets, patents, trademarks, covenants not-to-compete, software licenses and deferred financing costs. Purchased technology consists of the core proprietary manufacturing technologies associated with the products and offerings obtained through acquisition and are initially recorded at fair value. Customer-related intangible assets, patents, trademarks and covenants not-to-compete are initially recorded at fair value and software licenses and deferred financing costs are initially recorded at cost. Intangible assets with definitive useful lives are amortized using the straight-line method over their estimated useful lives for periods ranging from 2 years to 17 years.

Property, plant and equipment are recorded at cost. Depreciation is provided over the estimated useful lives of the related assets using the straight-line method for financial statement purposes. Amortization of leasehold improvements is computed using the straight-line method over the shorter of the remaining lease term or the estimated useful lives of the improvements.

Long-lived assets, such as property, plant, and equipment and intangible assets with definite useful lives, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Impairment indicators include, among other conditions, cash flow deficits, a historical or anticipated decline in revenue or operating profit, adverse legal or regulatory developments and a material decrease in the fair value of some or all of the assets. Assets are grouped at the lowest level for which there are identifiable cash flows that are largely independent of the cash flows generated by other asset groups. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to the estimated undiscounted future cash flow expected to be generated by the asset. If the carrying amount of an asset exceeds its estimated future cash flows, an impairment charge is recognized by the amount by which the carrying amount of the asset exceeds the fair value of the asset.

*Fair Value Measurements:* Accounting guidance for our non-financial assets and non-financial liabilities requires that we disclose the type of inputs we use to value our assets and liabilities, based on three categories of inputs as defined in such. Level 1 inputs are quoted, unadjusted prices in active markets for identical assets or liabilities that the company has the ability to access at the measurement date. Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as quoted prices for similar assets or liabilities. Level 3 inputs are unobservable inputs for the asset or liability. Unobservable inputs are used to measure fair value to the extent that observable inputs are not available, thereby allowing for situations in which there is little, if any, market activity for the asset or liability at the measurement date. These requirements apply to our long-lived assets, goodwill and intangible assets. We use Level 3 inputs to value all of such assets and the methodology we use to value such assets has not changed since December 31, 2010. The Company primarily applies the market approach for recurring fair value measurements.

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*Warranty Costs:* We estimate the costs that may be incurred under the warranty we provide and record a liability in the amount of such costs at the time the related revenue is recognized. Estimated warranty costs are determined by analyzing specific product and historical configuration statistics and regional warranty support costs. Our warranty obligation is affected by product failure rates, material usage, and labor costs incurred in correcting product failures during the warranty period. Unforeseen component failures or exceptional component performance can also result in changes to warranty costs. If actual warranty costs differ substantially from our estimates, revisions to the estimated warranty liability would be required.

*Income Taxes:* As part of the process of preparing our Condensed Consolidated Financial Statements, we are required to estimate our income taxes in each of the jurisdictions in which we operate. This process involves estimating the actual current tax expense, together with assessing temporary differences resulting from differing treatment of items for tax and accounting purposes. These differences result in deferred tax assets and liabilities, which are included within

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our Condensed Consolidated Balance Sheets. The carrying value of our deferred tax assets is adjusted by a partial valuation allowance to recognize the extent to which the future tax benefits will be recognized on a more likely than not basis. Our net deferred tax assets consist primarily of net operating loss and tax credit carry forwards, and timing differences between the book and tax treatment of inventory, acquired intangible assets and other asset valuations. Realization of these net deferred tax assets is dependent upon our ability to generate future taxable income.

We record valuation allowances in order to reduce our deferred tax assets to the amount expected to be realized. In assessing the adequacy of recorded valuation allowances, we consider a variety of factors, including the scheduled reversal of deferred tax liabilities, future taxable income, and prudent and feasible tax planning strategies. Under the relevant accounting guidance, factors such as current and previous operating losses are given significantly greater weight than the outlook for future profitability in determining the deferred tax asset carrying value.

Relevant accounting guidance addresses the determination of how tax benefits claimed or expected to be claimed on a tax return should be recorded in the financial statements. Under such guidance, we must recognize the tax benefit from an uncertain tax position only if it is more-likely-than-not that the tax position will be sustained on examination by the taxing authorities, based on the technical merits of the position. The tax benefits recognized in the financial statements from such uncertain tax positions are measured based on the largest benefit that has a greater than fifty percent likelihood of being realized upon ultimate resolution.

*Equity-based Compensation:* Equity-based compensation cost is measured at the grant date, based on the fair value of the award and is recognized as expense over the employee requisite service period. In order to determine the fair value of stock options on the date of grant, we apply the Black-Scholes option-pricing model. Inherent in the model are assumptions related to risk-free interest rate, dividend yield, expected stock-price volatility and option life.

The risk-free rate assumed in valuing the options is based on the U.S. Treasury yield curve in effect at the time of grant for the expected term of the option. The dividend yield assumption is based on the Company's historical and future expectation of dividend payouts. While the risk-free interest rate and dividend yield are less subjective assumptions, typically based on factual data derived from public sources, the expected stock-price volatility and option life assumptions require a level of judgment which make them critical accounting estimates.

We use an expected stock-price volatility assumption that is a combination of both historical volatility, calculated based on the daily closing prices of our common stock over a period equal to the expected term of the option and implied volatility, utilizing market data of actively traded options on our common stock, which are obtained from public data sources. We believe that the historical volatility of the price of our common stock over the expected term of the option is a strong indicator of the expected future volatility and that implied volatility takes into consideration market expectations of how future volatility will differ from historical volatility. Accordingly, we believe a combination of both historical and implied volatility provides the best estimate of the future volatility of the market price of our common stock.

The expected term, representing the period of time that options granted are expected to be outstanding, is estimated using a lattice-based model incorporating historical post vest exercise and employee termination behavior.

We estimate forfeitures using our historical experience, which is adjusted over the requisite service period based on the extent to which actual forfeitures differ or are expected to differ, from such estimates. Because of the significant amount of judgment used in these calculations, it is

reasonably likely that circumstances may cause the estimate to change.

With regard to the weighted-average option life assumption, we consider the exercise behavior of past grants and model the pattern of aggregate exercises.

#### **Recent Accounting Pronouncements**

*Business Combinations:* In December 2010, the FASB issued amended guidance related to Business Combinations. The amendments affect any public entity that enters into business combinations that are material on an individual or aggregate basis. The amendments specify that if a public entity presents comparative financial statements, the entity should disclose revenue and earnings of the combined entity as though the business combination(s) that occurred during the current year had occurred as of the beginning of the comparable prior annual reporting period only. The amendments also expand the supplemental pro forma disclosures to include a description of the nature and amount of material, nonrecurring pro forma adjustments directly attributable to the business combination included in the reported pro forma revenue and earnings. The amendments are effective prospectively

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for business combinations for which the acquisition date is on or after the beginning of the first annual reporting period beginning on or after December 15, 2010. Early adoption is permitted. The Company will assess the impact of these amendments on its condensed consolidated financial statements if and when an acquisition occurs.

*Intangibles – Goodwill and Other:* In December 2010, the FASB issued amended guidance related to Intangibles – Goodwill and Other. The amendments modify Step 1 of the goodwill impairment test for reporting units with zero or negative carrying amounts. For those reporting units, an entity is required to perform Step 2 of the goodwill impairment test if it is more likely than not that a goodwill impairment exists. In determining whether it is more likely than not that goodwill impairment exists, an entity should consider whether there are any adverse qualitative factors indicating that impairment may exist. The qualitative factors are consistent with the existing guidance and examples, which require that goodwill of a reporting unit be tested for impairment between annual tests if an event occurs or circumstances change that would more likely than not reduce the fair value of a reporting unit below its carrying amount. For public entities, the amendments are effective for fiscal years, and interim periods within those years, beginning after December 15, 2010. Early adoption is not permitted. The Company does not believe that this guidance will have a material impact on its condensed consolidated financial statements.

*Fair Value Measurements:* In January 2010, the FASB issued amended guidance for Fair Value Measurements and Disclosures. This update requires some new disclosures and clarifies existing disclosure requirements about fair value measurement. The FASB's objective is to improve these disclosures and, thus, increase the transparency in financial reporting. Specifically, this update requires that a reporting entity disclose separately the amounts of significant transfers in and out of Level 1 and Level 2 fair value measurements and describe the reasons for the transfers; and in the reconciliation for fair value measurements using significant unobservable inputs, a reporting entity should present separately information about purchases, sales, issuances, and settlements. In addition, this update clarifies the requirements of existing disclosures. For purposes of reporting fair value measurement for each class of assets and liabilities, a reporting entity needs to use judgment in determining the appropriate classes of assets and liabilities; and a reporting entity should provide disclosures about the valuation techniques and inputs used to measure fair value for both recurring and nonrecurring fair value measurements. This update was adopted on January 1, 2010, except for the disclosures about purchases, sales, issuances, and settlements in the roll forward of activity in Level 3 fair value measurements. The adoption of this guidance did not have a material impact on the Company's Condensed Consolidated financial statements. Those disclosures are effective for fiscal years beginning after December 15, 2010, and for interim periods within those fiscal years. Early application is permitted. The adoption of this guidance did not have a material impact on the Company's condensed consolidated financial statements.

*Revenue Recognition:* In October 2009, the FASB issued amended guidance related to multiple-element arrangements which requires an entity to allocate arrangement consideration at the inception of an arrangement to all of its deliverables based on their relative selling prices. This update eliminates the use of the residual method of allocation and requires the relative-selling-price method in all circumstances. All entities must adopt the guidance no later than the beginning of their first fiscal year beginning on or after June 15, 2010. Entities may elect to adopt the guidance through either prospective application for revenue arrangements entered into or materially modified, after the effective date or through retrospective application to all revenue arrangements for all periods presented. The adoption of this guidance did not have a material impact on the Company's condensed consolidated financial statements.

In October 2009, the FASB issued amended guidance that is expected to significantly affect how entities account for revenue arrangements that contain both hardware and software elements. As a result, many tangible products that rely on software will be accounted for under the revised multiple-element arrangements revenue recognition guidance, rather than the software revenue recognition guidance. The revised guidance must be adopted by all entities no later than fiscal years beginning on or after June 15, 2010. An entity must select the same transition method and same period for the adoption of both this guidance and the revisions to the multiple-element arrangements guidance noted above. The adoption of this guidance did not have a material impact on the Company's condensed consolidated financial statements.

**Item 3. Quantitative and Qualitative Disclosures About Market Risk.**

Our net sales to foreign customers represented approximately 88.6% and 85.2% of our total net sales for the three months ended March 31, 2011 and 2010, respectively. We expect that net sales to foreign customers will continue to represent a large percentage of our total net sales. Our net sales denominated in foreign currencies represented approximately 1.8% and 2.4% of our total net sales for the three months ended March 31, 2011 and 2010, respectively.

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The aggregate foreign currency exchange loss (gain) included in determining the Condensed Consolidated Statements of Income was approximately \$0.3 million and \$(0.1) million during the three months ended March 31, 2011 and 2010, respectively. Included in the aggregate foreign currency exchange loss (gain) were gains related to forward contracts of \$0.5 million during the three months ended March 31, 2011. Minimal gains related to forward contracts were included in the aggregate foreign currency exchange loss (gain) during the three months ended March 31, 2010. These amounts were recognized and are included in Other, net in the accompanying Condensed Consolidated Statements of Income.

We are exposed to financial market risks, including changes in foreign currency exchange rates. The changes in currency exchange rates that have the largest impact on translating our international operating profit (loss) are the Japanese Yen and the Euro. We use derivative financial instruments to mitigate these risks. We do not use derivative financial instruments for speculative or trading purposes. We generally enter into monthly forward contracts to reduce the effect of fluctuating foreign currencies on short-term foreign currency-denominated intercompany transactions and other known currency exposures. The weighted average notional amount of derivative contracts outstanding during the three months ended March 31, 2011 was approximately \$19.8 million.

As of March 31, 2011, approximately \$0.2 million of gains related to forward contracts were included in prepaid expenses and other current assets and were subsequently received in April 2011. As of December 31, 2010, approximately \$0.3 million of gains related to forward contracts were included in prepaid expenses and other current assets and were subsequently received in January 2011. Monthly forward contracts with a notional amount of \$11.7 million, entered into in March 2011 for April 2011, will be settled in April 2011. The fair value of the contracts at inception was zero, which did not significantly change at March 31, 2011.

We believe that based upon our hedging program, a 10% change in foreign exchange rates would have an immaterial impact on the condensed consolidated statements of income. We believe that this quantitative measure has inherent limitations because, as discussed in the first paragraph of this section, it does not take into account any governmental actions or changes in either customer purchasing patterns or our financing and operating strategies.

Assuming first quarter 2011 variable debt and investment levels, the effect of a one-point change in interest rates would not have a material effect on net interest expense.

**Item 4. Controls and Procedures.**

Our senior management is responsible for establishing and maintaining a system of disclosure controls and procedures (as defined in Rule 13a-15 and 15d-15 under the Securities Exchange Act of 1934 (the Exchange Act )) designed to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by an issuer in the reports that it files or submits under the Exchange Act is accumulated and communicated to the issuer's management, including its principal executive officer or officers and principal financial officer or officers, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure.

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We have evaluated the effectiveness of the design and operation of our disclosure controls and procedures under the supervision of and with the participation of management, including the chief executive officer and chief financial officer, as of the end of the period covered by this report. Based on that evaluation, our chief executive officer and our chief financial officer concluded that our disclosure controls and procedures are effective to ensure that information required to be disclosed by us in reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in Securities and Exchange Commission rules and forms and is accumulated and communicated to our management, including our principal executive officer and principal financial officer or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure.

There have been no significant changes in our internal controls or other factors during the fiscal quarter ended March 31, 2011 that have materially affected or are reasonably likely to materially affect our internal control over financial reporting.

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**Part II. OTHER INFORMATION**

**Item 1. Legal Proceedings**

We are involved in various legal proceedings arising in the normal course of our business. We do not believe that the ultimate resolution of these matters will have a material adverse effect on our consolidated financial position, statements of income or cash flows.

**Item 1A. Risk Factors.**

Information regarding risk factors appears in the Safe Harbor Statement at the beginning of this Quarterly Report on Form 10-Q, in Part I Item 1A of our Annual Report on Form 10-K for the year ended December 31, 2010. There have been no material changes from the risk factors previously disclosed in our 2010 Annual Report, except for the following:

**We have significant operations in locations which could be materially and adversely impacted in the event of a natural disaster or other significant disruption.**

Our operations in the U.S., the Asia-Pacific region and in other areas could be subject to natural disasters or other significant disruptions, including earthquakes, tsunamis, fires, hurricanes, floods, water shortages, other extreme weather conditions, medical epidemics, acts of terrorism, power shortages and blackouts, telecommunications failures, and other natural and manmade disasters or disruptions. In the event of such a natural disaster or other disruption, we could experience disruptions or interruptions to our operations or the operations of our suppliers, distributors, resellers or customers; destruction of facilities; and/or loss of life, all of which could materially increase our costs and expenses and materially adversely affect our business, revenue and financial condition. The recent earthquake and tsunami in Japan and their aftermath have created significant economic uncertainty in that country. The combined effect of these events could result in: (i) reduced end-user demand due to the economic impact to Japan and potentially the global economy; (ii) a disruption to our global supply chain for components manufactured in Japan; (iii) an increase in the cost of components that we acquire due to reduced supply; and (iv) other unforeseen impacts as a result of the uncertainty in Japan. Based on a review of our global supply chain and the relatively small proportion of our sales to customers located in Japan, we do not expect a significant impact on our long-term ability to manufacture and sell our products, however, this situation remains uncertain and there can be no assurance that an adverse effect on our business, revenue or financial condition will not result from these events.

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

In connection with the conversion of \$7.5 million of notes at a price of \$45.95 per share, calculated as defined in the indenture relating to the notes, in a net share settlement, on February 14, 2011, we paid the principal amount of \$7.5 million in cash and issued 111,318 shares of our common stock in a transaction exempt from registration on the basis of Section 3(a)(9) under the Securities Act. The shares were issued pursuant to the terms of notes issued in 2007 under Section 3(a)(9) under the Securities Act.



Table of Contents**Item 6. Exhibits.**

Unless otherwise indicated, each of the following exhibits has been previously filed with the SEC by the Company under File No. 0-16244.

| Number  | Description                                                                                                                                         | Incorporated by Reference to the Following Document: |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 31.1    | Certification of Chief Executive Officer pursuant to Rule 13a-14(a) or Rule 15d-14(a) of the Securities and Exchange Act of 1934.                   | *                                                    |
| 31.2    | Certification of Chief Financial Officer pursuant to Rule 13a-14(a) or Rule 15d-14(a) of the Securities and Exchange Act of 1934.                   | *                                                    |
| 32.1    | Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes- Oxley Act of 2002. | *                                                    |
| 32.2    | Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes- Oxley Act of 2002. | *                                                    |
| 101.INS | XBRL Instance                                                                                                                                       | **                                                   |
| 101.XSD | XBRL Schema                                                                                                                                         | **                                                   |
| 101.PRE | XBRL Presentation                                                                                                                                   | **                                                   |
| 101.CAL | XBRL Calculation                                                                                                                                    | **                                                   |
| 101.DEF | XBRL Definition                                                                                                                                     | **                                                   |
| 101.LAB | XBRL Label                                                                                                                                          | **                                                   |

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\* Filed herewith

\*\* Filed herewith electronically

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: April 29, 2011

Veeco Instruments Inc.

By: /s/ JOHN R. PEELER  
John R. Peeler  
*Chief Executive Officer*

By: /s/ DAVID D. GLASS  
David D. Glass  
*Executive Vice President and Chief Financial Officer*

Table of Contents**INDEX TO EXHIBITS**

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| 101.DEF       | XBRL Definition                                                                                                                                     | **                                                          |
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\* Filed herewith

\*\* Filed herewith electronically