

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

*This discussion and analysis contains forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995, and we intend that such forward-looking statements be subject to the safe harbors created thereby. Forward-looking statements are statements other than historical information or statements of current condition. Words such as may, expect, believe, plan, anticipate, intend, could, estimate, continue, or similar expressions or the negative of such expressions are intended to identify forward-looking statements. In addition, any statements that refer to expectations, projections or other characterizations of future events and circumstances are considered forward-looking statements. They are not guarantees of future performance and involve risks and uncertainties. Actual results may differ materially from those in forward-looking statements due to various factors including, but not limited to, macro-economic uncertainty and/or recession (including our ability to quickly adapt cost structures with anticipated levels of business and our ability to manage inventory levels with market demand); capital spending and network deployment levels in the telecommunications industry; future economic, competitive, financial and market condition; limited visibility with regards to customer orders and the timing of such orders; fluctuating exchange rates; consolidation in the global telecommunications test and service assurance industry and increased competition among vendors; concentration of sales; timely release and market acceptance of our new products and other upcoming products; our ability to successfully integrate businesses that we acquire; our ability to successfully expand international operations; and the retention of key technical and management personnel. Assumptions relating to the foregoing involve judgments and risks, all of which are difficult or impossible to predict and many of which are beyond our control. Other risk factors that may affect our future performance and operations are detailed in our Annual Report, on Form 20-F, and our other filings with the U.S. Securities and Exchange Commission and the Canadian securities commissions. We believe that the expectations reflected in the forward-looking statements are reasonable based on information currently available to us, but we cannot assure you that the expectations will prove to have been correct. Accordingly, you should not place undue reliance on these forward-looking statements. These statements speak only as of the date of this document. Unless required by law or applicable regulations, we undertake no obligation to revise or update any of them to reflect events or circumstances that occur after the date of this document.*

The following discussion and analysis of financial condition and results of operations is dated January 9, 2013.

All dollar amounts are expressed in US dollars, except as otherwise noted.

### COMPANY OVERVIEW AND RECENT DEVELOPMENTS

We are a leading provider of next-generation test and service assurance solutions for wireline and wireless network operators and equipment manufacturers in the global telecommunications industry. We offer core-to-edge solutions that assess the performance and reliability of converged, IP (Internet Protocol) fixed and mobile networks. Our test and service assurance solutions specifically target high-growth market opportunities related to optimizing next-generation networks: wireless backhaul, 4G/LTE (long-term evolution), fiber-to-the-home (FTTH)/fiber-to-the-curb (FTTC)/fiber-to-the-node (FTTN), carrier Ethernet, and 40G/100G network upgrades. Customers on a global basis rely on our test and service assurance solutions to enable their wireline and wireless networks to perform optimally during their complete lifecycles: research, development, manufacturing, installation, maintenance and monitoring.

We reported sales of \$59.8 million in the first quarter of fiscal 2013, which represents a decrease of 9.9% compared to the same period last year. We also reported bookings of \$64.3 million in the first quarter of fiscal 2013, for a book-to-bill ratio of 1.07, compared to \$71.4 million for the same period last year.

Net loss amounted to \$1.6 million, or \$0.03 per share, in the first quarter of fiscal 2013, compared to net earnings of \$2.9 million, or \$0.05 per diluted share, for the same period last year. Net loss for the first quarter of fiscal 2013 included \$1.9 million in after-tax amortization of intangible assets, \$448,000 in stock-based compensation costs and a foreign exchange gain of \$756,000. Loss from operations amounted to \$1.3 million, or 2.2% of sales in the first quarter of fiscal 2013, compared to earnings from operations of \$2.4 million, or 3.6% of sales for the same period last year.

Adjusted EBITDA (net earnings (loss) before interest, income taxes, depreciation of property, plant and equipment, amortization of intangible assets, stock-based compensation costs and foreign exchange gain) reached \$2.7 million, or 4.5% of sales in the first quarter of fiscal 2013, compared to \$6.5 million, or 9.7% of sales for the same period last year. See further in this document for a complete reconciliation of adjusted EBITDA to IFRS net earnings (loss).

On November 7, 2012, we announced that our Board of Directors approved the renewal of our share repurchase program, by way of a normal course issuer bid on the open market of up to 10% of the issued and outstanding subordinate voting shares, representing 2,072,721 subordinate voting shares at the prevailing market price. We expect to use cash, short-term investments or future cash flows from operations to fund the repurchase of shares. The normal course issuer bid started on November 12, 2012, and will end on November 11, 2013, or on an earlier date if we repurchase the maximum number of shares permitted under the bid. The program does not require that we repurchase any specific number of shares, and it may be modified, suspended or terminated at any time and without prior notice. All shares repurchased under the bid will be cancelled.

We launched five new products in the first quarter of fiscal 2013 including FTB Anywhere, a new offering providing cloud-hosted test licenses that can be shared among a network operator's fleet of FTB platforms on a daily basis; the BV-110 Verifier, a next-generation hardware probe designed for validating service-level agreements at customer premises and cell sites, while measuring end-user quality of experience (QoE) for multiple services; and we introduced open base station architecture initiative (OBSAI) and optical transport network (OTN) test functionalities for our NetBlazer multiservice testers.

## RESULTS OF OPERATIONS

(in thousands of US dollars, except per share data, and as a percentage of sales for the periods indicated)

	Three months ended November 30,		Three months ended November 30,	
	2012	2011	2012	2011
Sales	\$ 59,821	\$ 66,388	100.0 %	100.0 %
Cost of sales <sup>(1)</sup>	23,657	23,370	39.5	35.2
Selling and administrative	22,290	24,618	37.3	37.1
Net research and development	11,602	12,483	19.4	18.8
Depreciation of property, plant and equipment	1,605	1,568	2.7	2.4
Amortization of intangible assets	1,962	1,921	3.3	2.9
Earnings (loss) from operations	(1,295)	2,428	(2.2)	3.6
Interest income (expenses)	33	(71)	–	(0.1)
Foreign exchange gain	756	1,664	1.4	2.5
Earnings (loss) before income taxes	(506)	4,021	(0.8)	6.0
Income taxes	1,132	1,134	1.9	1.7
Net earnings (loss) for the period	\$ (1,638)	\$ 2,887	(2.7) %	4.3 %
Basic and diluted net earnings (loss) per share	\$ (0.03)	\$ 0.05		
<b>Other selected information:</b>				
Gross margin <sup>(2)</sup>	\$ 36,164	\$ 43,018	60.5 %	64.8 %
Research and development:				
Gross research and development	\$ 13,898	\$ 14,813	23.2 %	22.3 %
Net research and development	\$ 11,602	\$ 12,483	19.4 %	18.8 %
Adjusted EBITDA <sup>(2)</sup>	\$ 2,720	\$ 6,472	4.5 %	9.7 %

(1) The cost of sales is exclusive of depreciation and amortization, shown separately.

(2) Refer to page 9 for non-IFRS measures.

## **SALES AND BOOKINGS**

For the three months ended November 30, 2012, our sales decreased 9.9% to \$59.8 million, compared to \$66.4 million for the same period last year, and our bookings decreased 10.0% to \$64.3 million, compared to \$71.4 million for the same period last year, for a book-to-bill ratio of 1.07.

Over the last few quarters, market conditions in the telecommunications industry have been tenuous due to macro-economic uncertainty, the European debt crisis and its ripple effects on other economies, the tightening of capital spending among network operators as well as delays in customers' orders. These factors had a negative impact on our sales and bookings in the first quarter of fiscal 2013, compared to the same period last year, as we believe that market conditions in the telecommunications industry deteriorated year-over-year. In addition, in the first quarter of fiscal 2013, calendar year-end budget spending from network operators was even more limited than for the same period last year, which further reduced our bookings year-over-year.

### ***Geographic distribution***

In the first quarter of fiscal 2013, sales to the Americas, Europe, Middle-East and Africa (EMEA) and Asia-Pacific (APAC) accounted for 56%, 27% and 17% of sales respectively, compared to 55%, 27% and 18% for the same period last year respectively.

### ***Customer concentration***

We sell our products to a broad range of customers, including network service providers, network equipment manufacturers, wireless operators and cable TV operators. In the first quarter of fiscal 2012 and 2013, no customer accounted for more than 10% of our sales, and our top three customers accounted for 10.2% and 15.6 % of our sales respectively.

## **GROSS MARGIN (non-IFRS measure – refer to page 9 of this document)**

Gross margin reached 60.5% of sales for the three months ended November 30, 2012, compared to 64.8% for the same period last year.

The decrease in our gross margin in the first quarter of fiscal 2013, compared to the same period last year, can be explained by the following factors.

In the first quarter of fiscal 2013, our gross margin was negatively affected by the shift in product mix in favor of our physical-layer solutions, compared to the same period last year. In fact, sales of these products, which typically deliver lower margins than our protocol-layer solutions, represented a larger portion of our sales in the first quarter of fiscal 2013, compared to the same period last year. Namely, in the first quarter of fiscal 2013, we shipped large orders for our copper-access test solutions (included in our physical-layer solutions), which product line typically delivers lower margins.

In addition, a lower sales volume in the first quarter of fiscal 2013 compared to the same period last year (9.9%) resulted in a lower absorption of our fixed manufacturing costs, which resulted in a lower gross margin year-over-year.

Considering the expected sales growth, the expected increase in sales of protocol products as well as software-intensive products and services, the cost-effective design of our products, our increased manufacturing activities in China and our tight control on operating costs, we expect our gross margin to improve in the future. However, our gross margin may fluctuate quarter-over-quarter due to the mix of our products and as our sales may fluctuate. Furthermore, our gross margin can be negatively affected by increased competitive pricing pressure, customer concentration and/or consolidation, increased obsolescence and warranty costs, shifts in customers, under-absorption of fixed manufacturing costs and increases in product offerings by other suppliers in our industry.

## **SELLING AND ADMINISTRATIVE EXPENSES**

For the three months ended November 30, 2012, selling and administrative expenses were \$22.3 million, or 37.3% of sales, compared to \$24.6 million, or 37.1% of sales for the same period last year.

First, in the first quarter of fiscal 2013, our selling and administrative expenses, especially salaries and benefits as well as travel expenses, decreased year-over-year due in part to the impact of our restructuring plan implemented in the fourth quarter of fiscal 2012.

In addition, in the first quarter of fiscal 2013, commission expenses to our sales channels were lower compared to the same period last year mainly due to a lower sales volume year-over-year.

For fiscal 2013, we expect our selling and administrative expenses to decrease as a percentage of sales and range between 34% and 36% of sales. However, any increase in the strength of the Canadian dollar and the euro versus the US dollar would cause our selling and administrative expenses to increase, as a significant portion of these expenses are incurred in these currencies.

## **RESEARCH AND DEVELOPMENT EXPENSES**

### *Gross research and development expenses*

For the three months ended November 30, 2012, gross research and development expenses totaled \$13.9 million, or 23.2% of sales, compared to \$14.8 million, or 22.3% of sales for the same period last year.

In the first quarter of fiscal 2013, our gross research and development expenses decreased year-over-year, especially salaries and benefits, due in part to the impact of our restructuring plan implemented in the fourth quarter of fiscal 2012.

In addition, in the first quarter of fiscal 2013, a shift in the mix and timing of research and development projects resulted in decreased gross research and development expenses compared to the same period last year.

### *Tax credits and grants*

We are entitled to tax credits from the Canadian federal and provincial governments for eligible research and development activities conducted in Canada. We are also eligible to grants by a Finnish technology organization on certain research and development projects conducted in Finland.

For the three months ended November 30, 2012, tax credits and grants for research and development activities were \$2.3 million, or 16.5% of gross research and development expenses, flat compared to \$2.3 million, or 15.7% of gross research and development expenses for the same period last year.

For fiscal 2013, we expect our net research and development expenses to decrease as a percentage of sales and range between 17% and 19% of sales. However, any increase in the strength of the Canadian dollar, the euro and the Indian rupee versus the US dollar in the upcoming quarters would cause our net research and development expenses to increase, as most of these expenses are incurred in these currencies.

## **FOREIGN EXCHANGE GAIN**

Foreign exchange gains and losses are mainly the result of the translation of operating activities denominated in currencies other than our functional currency, which is the Canadian dollar. A large portion of our foreign exchange gains or losses results from the translation of cash balances and deferred income tax assets denominated in US dollars. We manage our exposure to currency risks in part with forward exchange contracts. In addition, some of our entities' operating activities are denominated in US dollars, euros or other currencies, which further hedges these risks. However, we remain exposed to currency risks and more particularly, any increase in the value of the Canadian dollar, compared to the US dollar, would have a negative impact on our operating results.

For the three months ended November 30, 2012, we recorded a foreign exchange gain of \$756,000 compared to \$1.7 million for the same period last year.

During the first quarter of fiscal 2013, the period-end value of the Canadian dollar decreased versus the US dollar, compared to the previous quarter, which resulted in a foreign exchange gain of \$756,000 during that period. In fact, the period-end value of the Canadian dollar decreased 0.7% to CA\$0.9932 = US\$1.00 in the first quarter of fiscal 2013, compared to CA\$0.9863 = US\$1.00 at the end of the previous quarter.

During the same period last year, the period-end value of the Canadian dollar decreased versus the US dollar, compared to the previous quarter, which resulted in a significant foreign exchange gain during that period. In fact, the period-end value of the Canadian dollar decreased 4.0% to CA\$1.0197 = US\$1.00 in the first quarter of fiscal 2012, compared to CA\$0.9784 = US\$1.00 at the end of the previous quarter.

## **INCOME TAXES**

For the three months ended November 30, 2011 and 2012, our income tax expenses totaled \$1.1 million.

For the three months ended November 30, 2012, we reported income tax expenses of \$1.1 million on a loss before income taxes of \$506,000. This situation mainly resulted from the fact that we did not recognize deferred income tax assets for some of our subsidiaries at loss and we had some non-deductible loss and expenses, such as stock-based compensation costs. However, a significant portion of our foreign exchange gain was created by the translation of financial statements of our foreign operations, and was therefore non-taxable. Otherwise, the actual tax rate would have been closer to the combined Canadian and provincial statutory tax rate of 27% for the period.

For the three months ended November 30, 2011, we reported income tax expenses of \$1.1 million on earnings before income taxes of \$4.0 million, for an effective income tax rate of 28.2%; this compares to our combined Canadian and provincial statutory tax rate of 28%. Although our effective tax rate for the quarter was close to our statutory tax rate, we had some offsetting elements during the quarter. First, a significant portion of our foreign exchange gain was created by the translation of financial statements of our foreign operations, and was therefore non-taxable. In addition, during the quarter, we recognized previously unrecognized deferred income tax assets of one of our subsidiaries, which resulted in a one-time income tax recovery \$557,000. However, we did not recognize deferred income taxes for some of our subsidiaries at loss and we have some non-deductible expenses, such as stock-based compensation costs.

Please refer to note 6 to our condensed interim consolidated financial statements for a full reconciliation of our income tax provision.

## **LIQUIDITY AND CAPITAL RESOURCES**

### *Cash requirements and capital resources*

As at November 30, 2012, cash and short-term investments totalled \$59.0 million, while our working capital was at \$114.5 million. Our cash and short-term investments decreased \$8.1 million in the first quarter of fiscal 2013, compared to the previous quarter. During the first quarter of fiscal 2013, operating activities used \$4.8 million in cash, and we made cash payments of \$2.0 million and \$973,000 respectively for the purchase of capital assets and the redemption of share capital pursuant to our share repurchase program. In addition, we recorded an unrealized foreign exchange loss on our cash and short-term investments of \$424,000. This unrealized foreign exchange loss resulted from the translation, in US dollars, of our Canadian-dollar-denominated cash and short-term investments and was included in the accumulated other comprehensive income in the balance sheet.

Our short-term investments consist of commercial paper and banker acceptances issued by high-credit quality corporations and trusts; therefore, we consider the risk of non-performance of these financial instruments to be limited. None of these debt instruments are expected to be affected by a significant liquidity risk. For the purpose of managing our cash position, we have established a cash management policy, which we follow and monitor on a regular basis. Our cash and short-term investments will be used for working capital and other general corporate purposes, any other potential acquisition, as well as our share repurchase program. As at November 30, 2012, cash balances included an amount of \$32.7 million that bears interest at a rate of 1.3%.

We believe that our cash balances and short-term investments will be sufficient to meet our liquidity and capital requirements for the foreseeable future, including the effect of our normal course issuer bid. In addition to these assets, we have unused available lines of credit totaling \$16.2 million for working capital and other general corporate purposes, and unused lines of credit of \$26.8 million for foreign currency exposure related to forward exchange contracts. However, possible operating losses, additional restructuring costs and/or possible investments in or acquisitions of complementary businesses, products or technologies may require additional financing. There can be no assurance that additional debt or equity financing will be available when required or, if available, that it can be secured on satisfactory terms.

### ***Sources and uses of cash***

We finance our operations and meet our capital expenditure requirements mainly through cash flows from operating activities, the use of our cash and short-term investments as well as the issuance of subordinate voting shares.

#### *Operating activities*

Cash flows used by operating activities were \$4.8 million for the three months ended November 30, 2012, compared to cash flows provided of \$6.5 million for the same period last year.

Cash flows used by operating activities in the first quarter of fiscal 2013 were attributable to the net earnings after items not affecting cash of \$1.6 million more than offset by the negative net change in non-cash operating items of \$6.3 million; this was mainly due to the negative effect on cash of the increase of \$8.1 million in our accounts receivable due to the increase and the timing of sales during the quarter as well as the increase of \$1.9 million in our income tax and tax credits recoverable due to tax credits earned during the quarter not yet recovered. These negative effects on cash were offset in part by the positive effect on cash of the increase of \$3.6 million in our accounts payable, accrued liabilities and provisions due to timing of purchases and payments during the quarter.

#### *Investing activities*

Cash flows used by investing activities were \$2.0 million for the three months ended November 30, 2012, compared to cash flows provided of \$28.4 million for the same period last year.

In the first quarter of fiscal 2013, we paid \$2.0 million for the purchase of capital assets.

For the corresponding period last year, we disposed (net of acquisitions) of \$32.9 million worth of short-term investments but we paid \$4.5 million for the purchase of capital assets, mainly for our new building in Montreal, Canada.

#### *Financing activities*

Cash flows used by financing activities were \$922,000 for the three months ended November 30, 2012, compared to \$1.1 million for the same period last year.

In the first quarter of fiscal 2013, we redeemed share capital for a cash consideration of \$973,000.

For the corresponding period last year, we reimbursed our bank loan of \$785,000 and redeemed share capital for a cash consideration of \$363,000.

## FORWARD EXCHANGE CONTRACTS

We utilize forward exchange contracts to manage our foreign currency exposure. Our policy is not to utilize those derivative financial instruments for trading or speculative purposes.

Our forward exchange contracts, which are used to hedge anticipated US-dollar-denominated sales, qualify for hedge accounting; therefore, realized foreign exchange translation gains and losses on these contracts are recognized as an adjustment of the revenues when the corresponding sales are recorded.

As at November 30, 2012, we held forward exchange contracts to sell US dollars at various forward rates, which are summarized as follows:

<b>Expiry dates</b>	<b>Contractual amounts</b>	<b>Weighted average contractual forward rates</b>
December 2012 to August 2013	\$ 16,700,000	1.0243
September 2013 to August 2014	3,600,000	1.0439
Total	<u>\$ 20,300,000</u>	<u>1.0277</u>

The carrying amount of forward exchange contracts is equal to fair value, which is based on the amount at which they could be settled based on estimated current market rates. The fair value of forward exchange contracts amounted to net gains of \$932,000 as at August 31, 2012 and \$625,000 as at November 30, 2012. The quarter-end exchange rate was CA\$0.9932 = US\$1.00 as at November 30, 2012.

## SHARE CAPITAL

### *Share capital*

As at January 9, 2013, EXFO had 31,643,000 multiple voting shares outstanding, entitling to 10 votes each and 28,696,646 subordinate voting shares outstanding. The multiple voting shares and the subordinate voting shares are unlimited as to number and without par value.

## OFF-BALANCE SHEET ARRANGEMENTS

As at November 30, 2012, our off-balance sheet arrangements consisted of letters of guarantee amounting to \$5.0 million; these letters of guarantee expire at various dates through fiscal 2017. From this amount, we had \$0.6 million worth of letters of guarantee for our own selling and purchasing requirements, which were for the most part reserved from one of our lines of credit. The remainder, in the amount of \$4.4 million, was used to secure our line of credit in CNY (Chinese currency) of \$4.0 million. This line of credit was unused as at November 30, 2012.

## SPECIAL PURPOSES ENTITIES

As at November 30, 2012, we did not have interests in any special purposes entities.

## CRITICAL ACCOUNTING POLICIES AND ESTIMATES

For a description of the critical accounting policies and estimates used in the preparation of our consolidated financial statements, refer to our Annual Report on Form 20-F for the year ended August 31, 2012 filed with the U.S. Securities and Exchange Commission and the Canadian securities commissions.

## NEW IFRS PRONOUNCEMENTS AND AMENDMENTS

Refer to note 2 to our condensed interim consolidated financial statements for the three months ended November 30, 2012 and to our consolidated financial statements for the year ended August 31, 2012 for the effect of certain recent accounting pronouncements on our consolidated financial statements.

## RISK FACTORS

There have been no material changes from the risk factors disclosed in our Annual Report in Form 20-F for the year ended August 31, 2012.

## NON-IFRS MEASURES

We provide non-IFRS measures (gross margin\* and adjusted EBITDA\*\*) as supplemental information regarding our operational performance. We use these measures for the purposes of evaluating our historical and prospective financial performance, as well as our performance relative to our competitors. These measures also help us to plan and forecast future periods as well as to make operational and strategic decisions. We believe that providing this information to our investors, in addition to the IFRS measures, allows them to see the company's results through the eyes of management, and to better understand our historical and future financial performance.

The presentation of this additional information is not prepared in accordance with IFRS. Therefore, the information may not necessarily be comparable to that of other companies and should be considered as a supplement to, not a substitute for, the corresponding measures calculated in accordance with IFRS.

\* Gross margin represents sales less cost of sales, excluding depreciation and amortization.

\*\* Adjusted EBITDA represents net earnings (loss) before interest, income taxes, depreciation of property, plant and equipment, amortization of intangible assets, stock-based compensation costs and foreign exchange gain.

The following table summarizes the reconciliation of adjusted EBITDA to IFRS net earnings (loss), in thousands of US dollars:

### Adjusted EBITDA

	<b>Three months ended November 30,</b>	
	<b>2012</b>	<b>2011</b>
IFRS net earnings (loss) for the period	\$ (1,638)	\$ 2,887
Add (deduct):		
Depreciation of property, plant and equipment	1,605	1,568
Amortization of intangible assets	1,962	1,921
Interest (income) expenses	(33)	71
Income taxes	1,132	1,134
Stock-based compensation costs	448	555
Foreign exchange gain	(756)	(1,664)
Adjusted EBITDA for the period	<u>\$ 2,720</u>	<u>\$ 6,472</u>
Adjusted EBITDA in percentage of sales	<u>4.5%</u>	<u>9.7%</u>

**QUARTERLY SUMMARY FINANCIAL INFORMATION (unaudited)**

(tabular amounts in thousands of US dollars, except per share data)

	<b>Quarters ended</b>			
	<b>November 30, 2012</b>	<b>August 31, 2012</b>	<b>May 31, 2012</b>	<b>February 28, 2012</b>
Sales	\$ 59,821	\$ 57,156	\$ 59,505	\$ 66,917
Cost of sales <sup>(1)</sup>	\$ 23,657	\$ 21,257	\$ 23,549	\$ 23,616
Earnings (loss) from operations	\$ (1,295)	\$ (1,678)	\$ (4,355)	\$ 4,109
Net earnings (loss)	\$ (1,638)	\$ (3,714)	\$ (3,720)	\$ 954
Basic and diluted net earnings (loss) per share	\$ (0.03)	\$ (0.06)	\$ (0.06)	\$ 0.02

	<b>Quarters ended</b>			
	<b>November 30, 2011</b>	<b>August 31, 2011</b>	<b>May 31, 2011</b>	<b>February 28, 2011</b>
Sales	\$ 66,388	\$ 64,414	\$ 67,630	\$ 72,046
Cost of sales <sup>(1)</sup>	\$ 23,370	\$ 23,447	\$ 24,243	\$ 27,821
Earnings from operations	\$ 2,428	\$ 5,878	\$ 3,489	\$ 6,782
Net earnings	\$ 2,887	\$ 4,597	\$ 1,757	\$ 1,674
Basic and diluted net earnings	\$ 0.05	\$ 0.08	\$ 0.03	\$ 0.03

(1) The cost of sales is exclusive of depreciation and amortization.