

Second-Quarter 2022 Results Investor Supplemental Materials

August 11, 2022

Safe Harbor

Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995

This presentation includes information that constitutes "forward-looking statements" made pursuant to the safe harbor provision of the Private Securities Litigation Reform Act of 1995 that involve risks and uncertainties. These statements include the company's expectations regarding its technological and product capabilities, the nature of its market position, sales bookings, revenue growth, intellectual property position, the company's future financial performance, including 2022 guidance, and market recognition of key technologies and demand for its products, backlog, the company's overall growth potential, its balance sheet and capitalization and access to, and deployment of, capital, its strategic position, and corporate and leadership culture. Management cautions the reader that these forward-looking statements are only predictions and are subject to a number of both known and unknown risks and uncertainties, and actual results, performance, and/or achievements expressed or implied by these forward-looking statements of the company may differ materially from the future results, performance, and/or achievements expressed or implied by these forward-looking statements as a result of a number of factors. These factors include, without limitation, failure of demand for the company's products and services to meet expectations, failure of target markets to grow and expand, technological, operational and strategic challenges, integration of acquisitions, potential performance shortfalls as a result of the diversion of management's attention caused by transactions and integrating operations, global supply chain issues, geopolitical and economic factors and those risks and uncertainties set forth in the company's periodic reports and other filings with the Securities and Exchange Commission ("SEC"). Such filings are available on the SEC's website at www.sec.gov and on the company's website at www.sec.gov and on the company's website at <a href="htt

Adjusted Financial Measures

In addition to U.S. GAAP financial information, this presentation includes Adjusted EBITDA and Adjusted EPS, which are non-GAAP financial measures. These non-GAAP financial measures are in addition to, and not a substitute for or superior to, measures of financial performance prepared in accordance with U.S. GAAP. A reconciliation of Net Income to Adjusted EBITDA and Net Income to Adjusted EPS are included in the appendix to this presentation.

Second-Quarter FY22 Results

Second-Quarter 2022: Key Financial Results

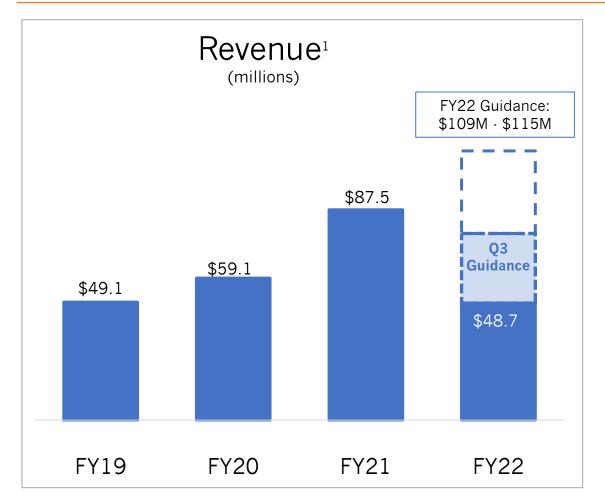
- Revenues of \$26.2M; up 19% year-over-year
- Gross margin of 61%, compared to 57% for the prior-year period
- Adjusted operating income of \$585k, compared to \$678k for the prior-year period
- Adjusted EBITDA¹ of \$1.2, compared to \$1.0M for the prior-year period
- Adjusted EPS¹ of (\$0.02), compared to \$0.03 for the prior-year period

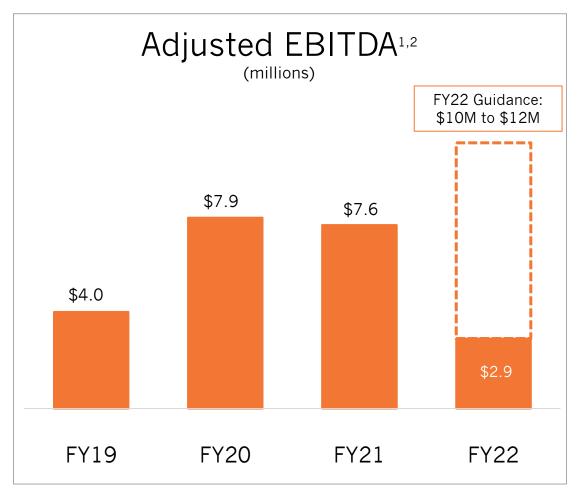
¹Adj EPS, EBITDA and Operating Income are a non-GAAP measures. Reconciliation of comparable GAAP measures to non-GAAP measures are included in the appendix to this presentation.

Second-Quarter 2022 and Recent Business Highlights

- Double-digit overall revenue growth
- Continued strong demand for Luna products; double-digit bookings growth vs. Q2 '21
- Sensing segment
 - Revenues grew strong double-digit vs. prior-year quarter
 - First full quarter of contribution from Lios, a distributed fiber sensing leader
 - Legacy products ODiSI, Hyperion and THz products contributed double-digit sales growth; bookings for Thz increased >100% H1'22 vs. H1 '21
 - Multiple key, large wins in infrastructure monitoring, security and power cable monitoring
- Communications Test segment
 - Total revenues in-line with our expectations
 - Record RIO laser revenues in Q2 '22
 - Secured large, multi-unit OBR 6200 order from Lockheed Martin
 - Multiple strategic wins with blue-chip customers (high-speed, tele- & data-comms)

Strong Financial Results





¹ Reminder: Luna Labs reclassified to Discontinued Operations and subsequent sale in late Q1 2022.

² Adj EBITDA is a non-GAAP measure. Reconciliation of comparable GAAP measures to non-GAAP measures are included in the appendix to this presentation.

Balance Sheet

- Balance sheet on June 30, 2022:
 - \$141.9M in total assets
 - \$4.9M in cash and cash equivalents
 - \$46.4M in working capital
- Total debt of \$21.2M outstanding
 - \$19.9M in term debt
 - \$1.3M drawn on revolver
- All investments over the past five years in both business and in M&A have been funded by using the balance sheet through cash and bank debt
- Luna will continue to deploy capital prudently to generate long-term sustainable growth
 - Increasing organic sales
 - Reinvesting in our business
 - Identifying inorganic opportunities

Q3 Guidance and 2022 Outlook

Q3 and Full-Year Guidance 2022

- 2022 outlook reflects the sale of Luna Labs, the acquisition of Lios and the ongoing impact of the pandemic:
 - Reaffirm the following:
 - Full-year total revenue of \$109M to \$115M
 - Full-year adjusted EBITDA¹ of \$10M to \$12M
 - Top-line guidance for Q3
 - Revenue of \$28M to \$30M

¹ Adj EBITDA is a non-GAAP measure. Reconciliation of comparable GAAP measures to non-GAAP measures are included in the appendix to this presentation.

Luna – Enabling the Future with Fiber

- Positioned as a global fiber optic leader
- Proprietary fiber-optic based measurement technology, offering unprecedented combination of performance and economics
- Customers in attractive markets: Defense, Communications, Infrastructure, Energy, Automotive and Aerospace
- Positioned to take advantage of trends such as vehicle lightweighting, smart infrastructure, increasing needs for global security, and increasing demands on data centers and broadband capacity
- Adequately capitalized to fund growth
- Long-tenured, experienced executive team / board
- Corporate culture of innovation and integrity



Appendix

Reconciliation of Net (Loss)/Income to Adjusted EBITDA¹

(in thousands)	Three Months Ended June 30,				Six Months Ended June 30,				
		2022	2021		2022		2021		
	(Unaudited)				(Unaudited)				
Reconciliation of EBITDA and Adjusted EBITDA					'				
GAAP net income/(loss)	\$	(2,351)	\$	(230)	\$	7,231	\$	(549)	
Income from discontinued operations, net of tax		591		931		11,515		1,671	
GAAP net income/(loss) from continuing operations		(2,942)		(1,161)		(4,284)		(2,220)	
Interest expense, net		111		122		224		265	
Income tax (benefit)/expense		422		(995)		(693)		(1,659)	
Depreciation and amortization		1,538		1,109		2,694		2,309	
EBITDA		(871)		(925)		(2,059)		(1,305)	
Share-based compensation		934		787		2,000		1,444	
Integration and transaction expense		156		991		2,000		1,877	
Amortization of inventory step-up		257		168		257		336	
Other non-recurring charges (2)		708				708			
Adjusted EBITDA	\$	1,184	\$	1,021	\$	2,906	\$	2,352	

¹ Results shown include the reclassification of Luna Labs to Discontinued Operations.

² Other non-recurring charges include customer accommodation, facility consolidation and debt refinancing costs.

Reconciliation of Net (Loss)/Income to Adjusted EPS¹

(in thousands, except per share data)	Three Months Ended June 30,					Six Months Ended June 30,				
	2022 2021				2022			2021		
		(Unaud	dited	(Unaudited)						
Reconciliation of Net (loss)/Income to Adjusted EPS										
GAAP net income/(loss)	\$	(2,351)	\$	(230)	\$	7,231	\$	(549)		
Income from discontinued operations, net of tax		591		931		11,515		1,671		
GAAP net income/(loss) from continuing operations		(2,942)		(1,161)		(4,284)		(2,220)		
Adjustments:										
Share-based compensation		934		787		2,000		1,444		
Integration and transaction expense		156		991		2,000		1,877		
Amortization of intangible assets		992		766		1,813		1,592		
Amortization of inventory step-up		257		168		257		336		
Other non-recurring charges ⁽²⁾		708				708		-		
Total adjustments:		3,047		2,712		6,778		5,249		
Income tax effect on adjustments		(762)		(678)		(1,695)		(1,312)		
Adjusted income from continuing operations	\$	(657)	\$	873	\$	799	\$	1,717		
Adjusted EPS Adjusted weighted average shares (in thousands):	\$	(0.02)	\$	0.03	\$	0.02	\$	0.05		
Diluted		32,479		31,495		32,362		31,413		

¹Results shown include the reclassification of Luna Labs to Discontinued Operations.

² Other non-recurring charges include customer accommodation, facility consolidation and debt refinancing costs.

Reconciliation of Operating (Loss) to Adjusted Operating Income¹

Three Months Ended June 30,					Six Months Ended				
					June 30,				
	2022		2021		2022		2021		
(Unaudited)					(Unaudited)				
			_						
\$	(2,462)	\$	(2,034)	\$	(4,827)	\$	(3,614)		
	934		787		2,000		1,444		
	156		991		2,000		1,877		
	992		766		1,813		1,592		
	257		168		257		336		
	708				708				
	3,047		2,712		6,778		5,249		
\$	585	\$	678	\$	1,951	\$	1,635		
		\$ (2,462) \$ (2,462) 934 156 992 257 708 3,047	\$ (2,462) \$ 934 156 992 257 708 3,047	June 30, 2022 2021 (Unaudited) \$ (2,462) \$ (2,034) 934 787 156 991 992 766 257 168 708 708 3,047 2,712	June 30, 2022 2021 (Unaudited) \$ (2,462) \$ (2,034) \$ 934 787 156 991 992 766 257 168 708 3,047 2,712	June 30, June 30, 2022 2021 2022 (Unaudited) (Unaudited) \$ (2,462) \$ (2,034) \$ (4,827) 934 787 2,000 156 991 2,000 992 766 1,813 257 168 257 708 708 3,047 2,712 6,778	June 30, 2022 2021 (Unaudited) (Unaudited) \$ (2,462) \$ (2,034) \$ (4,827) \$ 934 787 2,000 156 991 2,000 992 766 1,813 257 168 257 708 708 708 3,047 2,712 6,778		

¹Results shown include the reclassification of Luna Labs to Discontinued Operations.

² Other non-recurring charges include customer accommodation, facility consolidation and debt refinancing costs.

Historical Quarterly Results¹

(in thousands) Three Months Ended

	June 30, 2021		September 30, 2021		December 31, 2021		March 31, 2022		June 30, 2022	
Revenues	\$	21,965	\$	20,329	\$	24,222	\$	22,481	\$	26,162
Cost of revenues		9,385		7,744		10,102		8,202		10,199
Gross profit		12,580		12,585		14,120		14,279		15,963
Gross margin		57%		62%		58%		64%		61%
Operating expense:										
Selling, general and administrative		11,047		8,719		9,533		11,437		14,612
Research, development and engineering		1,810		2,920		2,543		2,543		2,665
Amortization of intangibles		766		761		760		821		992
Integration and deal related expense		991		196		249		1,844		156
Total operating expense		14,614		12,596		13,085		16,645		18,425
Operating income/(loss)	\$	(2,034)	\$	(11)	\$	1,035	\$	(2,366)	\$	(2,462)

¹ Results shown include the reclassification of Luna Labs to Discontinued Operations.