UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 2, 2018

LANTHEUS HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 001-36569 (Commission File Number) 35-2318913 (IRS Employer Identification No.)

331 Treble Cove Road, North Billerica, MA (Address of principal executive offices)

01862 (Zip Code)

Registrant's telephone number, including area code: (978) 671-8001

Not Applicable

(Former name or former address, if changed since last report.)

follo	wing provisions (see General Instruction A.2. below):
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)) rate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) rate 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \square

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \square

Item 2.02. Results of Operations and Financial Condition.

On May 2, 2018, Lantheus Holdings, Inc. (the "Company") announced via press release its financial results as of and for the three months ended, March 31, 2018. A copy of that press release is being furnished as Exhibit 99.1 and is hereby incorporated by reference.

The information furnished pursuant to this Item 2.02, including Exhibit 99.1, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities under that Section and shall not be deemed to be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Exchange Act.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1*	Press release of Lantheus Holdings, Inc. dated May 2, 2018, entitled "Lantheus Holdings, Inc. Reports 2018 First Quarter Results"

* Exhibit 99.1 attached hereto is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

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 hereunto duly authorized.

LANTHEUS HOLDINGS, INC.

By: /S/ DANIEL NIEDZWIECKI

Name: Daniel Niedzwiecki

Title: Vice President, Deputy General Counsel & Assistant Secretary

Date: May 2, 2018

EXHIBIT INDEX

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331 Treble Cove Road North Billerica, MA 01862 800.362.2668 www.lantheus.com

Lantheus Holdings, Inc. Reports 2018 First Quarter Results

DEFINITY® worldwide revenues increase 18.4% year over year

NORTH BILLERICA, Mass., May 2, 2018 - Lantheus Holdings, Inc. (the "Company") (NASDAQ: LNTH), parent company of Lantheus Medical Imaging, Inc. ("LMI"), a global leader in the development, manufacture and commercialization of innovative diagnostic imaging agents and products, today reported financial results for its first quarter ended March 31, 2018.

Management Comments

"Our first quarter provided an excellent start to the year, driven by robust sales for DEFINITY," said Mary Anne Heino, President and CEO. "The first quarter also was marked by effective execution across a number of programs as we look to enhance the growth trajectory and profitability of our core microbubble franchise, augment our pipeline with focus on emerging technologies, and pursue complementary, external opportunities across the broader Life Sciences sector that fit with our objective to deliver long-term sustainable growth and profitability."

"The application of microbubbles is emerging as a valuable platform for increased uses, including drug delivery and therapy. With the expertise we have built in microbubble technology, our goal is to lead in these growing markets. At the same time, clinical work regarding flurpiridaz F 18, a novel PET cardiac imaging agent for the evaluation of coronary artery disease, and LMI 1195, our fluorine-18-based PET agent which is expected to aid the diagnosis of heart failure patients at risk for sudden cardiac death, is proceeding on schedule. Internationally, our DEFINITY China program continues to move forward, with patient enrollment completed for the cardiac and pharmacokinetic studies, while enrollment in the kidney and liver studies is ongoing. We look to continue to execute successfully on our strategy and will report on our progress as we proceed through 2018," continued Ms. Heino.

Financial Highlights

The Company's worldwide revenues for the first quarter of 2018 totaled \$82.6 million, representing an increase of 1.6% compared with \$81.4 million for the first quarter of 2017. DEFINITY, the Company's flagship product and the world's leading echo contrast agent, had worldwide revenues of \$44.7 million for the first quarter, an increase of 18.4% from the year-ago period.

Net income for the first quarter of 2018 totaled \$8.2 million, or \$0.21 per diluted share, compared with \$4.1 million, or \$0.11 per diluted share, for the first quarter of 2017. The Company's first quarter 2018 Adjusted EBITDA (as outlined in the GAAP to non-GAAP reconciliation provided below) was \$23.1 million, or 27.9% of revenues, compared with \$22.7 million, or 27.8% of revenues, for the first quarter of 2017.

Outlook

For the second quarter of 2018, the Company expects worldwide revenues in the range of \$85 million to \$90 million. The Company expects Adjusted EBITDA, as described in the GAAP to non-GAAP reconciliation provided later in this release, of \$20 million to \$23 million, representing 22.2% to 27.1% of anticipated worldwide revenues.

The Company maintains its guidance for full year 2018 worldwide revenues of approximately \$337 million to \$342 million, compared with \$326.4 million in 2017 (which excludes a \$5 million up-front payment received from GE Healthcare). The Company also maintains its guidance for full year 2018 Adjusted EBITDA of \$85 million to \$90 million, representing 24.9% to 26.7% of anticipated worldwide revenues.

The Company's guidance for worldwide revenues and Adjusted EBITDA are forward-looking statements. They are subject to various risks and uncertainties that could cause the Company's actual results to differ materially from guidance. Forward-looking statements are not predictions of the Company's actual performance. See the cautionary information about forward-looking statements in the "Safe-Harbor Statement" section of this press release.

Internet Posting of Information

The Company routinely posts information that may be important to investors in the "Investors" section of its website at http://www.lantheus.com/. The Company encourages investors and potential investors to consult its website regularly for important information about the Company.

Conference Call and Webcast

As previously announced, the Company will host a conference call starting at 4:30 p.m. Eastern Time today. To access the live conference call via telephone, please dial 1-866-498-8390 (U.S. callers) or 1-678-509-7599 (international callers) and provide passcode 8487086. A live audio webcast of the call also will be available in the Investors section of the Company's website at www.lantheus.com.

A replay of the audio webcast will be available in the Investors section of our website at www.lantheus.com approximately two hours after completion of the call and will be archived for 30 days.

The conference call will include a discussion of non-GAAP financial measures. Reference is made to the most directly comparable GAAP financial measures, the reconciliation of the differences between the two financial measures, and the other information included in this press release, our Form 8-K filed with the SEC today, or otherwise available in the Investor Relations section of our website located at www.lantheus.com.

The conference call may include forward-looking statements. See the cautionary information about forward-looking statements in the safe-harbor section of this press release.

About Lantheus Holdings, Inc. and Lantheus Medical Imaging, Inc.

Lantheus Holdings, Inc. is the parent company of LMI, a global leader in the development, manufacture and commercialization of innovative diagnostic imaging agents and products. LMI provides a broad portfolio of products, including the echocardiography contrast agent DEFINITY® Vial for (Perflutren Lipid Microsphere) Injectable Suspension; TechneLite® (Technetium Tc99m Generator), a technetium-based generator that provides the essential medical isotope used in nuclear medicine procedures; and Xenon (Xenon Xe 133 Gas), an inhaled radiopharmaceutical imaging agent used to evaluate pulmonary function and for imaging the lungs. The Company is headquartered in North Billerica, Massachusetts with offices in Puerto Rico and Canada. For more information, visit www.lantheus.com.

Non-GAAP Financial Measures

The Company uses non-GAAP financial measures, such as revenues excluding the impact of foreign currency; adjusted operating income; adjusted net income and its line components; Adjusted EBITDA; adjusted net income per share - diluted; and free cash flow. The Company's management believes that the presentation of these measures provides useful information to investors. These measures may assist investors in evaluating the Company's operations, period over period. The measures may exclude such items which may be highly variable, difficult to predict and of a size that could have substantial impact on the Company's reported results of operations for a period. Management uses these and other non-GAAP measures internally for evaluation of the performance of the business, including the allocation of resources and the evaluation of results relative to employee performance compensation targets. Investors should consider these non-GAAP measures only as a supplement to, not as a substitute for or as superior to, measures of financial performance prepared in accordance with GAAP.

Safe Harbor for Forward-Looking and Cautionary Statements

This press release contains "forward-looking statements" as defined under U.S. federal securities laws, including statements about our 2018 outlook. Forward-looking statements may be identified by their use of terms such as anticipate, believe, confident, could, estimate, expect, intend, may, plan, predict, project, target, will and other similar terms. Such forward-looking statements are subject to risks and uncertainties that could cause actual results to materially differ from those described in the forward-looking statements. Readers are cautioned not to place undue reliance on the forward-looking statements contained herein, which speak only as of the date hereof. The Company undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by law. Risks and uncertainties that could cause our actual results to materially differ from those described in the forward-looking statements are discussed in our filings with the Securities and Exchange Commission (including those described in the Risk Factors section in our Annual Reports on Form 10-K and our Quarterly Reports on Form 10-Q). This press release includes forward-looking non-GAAP guidance for 2018 Adjusted EBITDA. No reconciliation of this forward-looking non-GAAP guidance was included in this press release because, due to the high variability and difficulty in making accurate forecasts and projections of some of the excluded information and the fact that some of the excluded information is not readily ascertainable or accessible, the Company is unable to quantify certain amounts that would be required to be included in the most directly comparable GAAP financial measure without unreasonable efforts.

Contact

Meara Murphy 978-671-8508 Director, Investor Relations and Corporate Communications Lantheus Holdings, Inc.

- Tables Follow -

Consolidated Statements of Operations

(in thousands, except per share data - unaudited)

Three Months Ended March 31.

		March 31,			
		2018		2017	
Revenues	\$	82,630	\$	81,359	
Cost of goods sold		40,321		41,597	
Gross profit		42,309		39,762	
Operating expenses					
Sales and marketing		10,640		10,214	
General and administrative		12,543		12,270	
Research and development		3,989		5,351	
Total operating expenses		27,172		27,835	
Operating income		15,137		11,927	
Interest expense		4,050		5,420	
Loss on extinguishment of debt		_		2,161	
Other income		(920)		(577)	
Income before income taxes		12,007		4,923	
Income tax expense		3,796		785	
Net income	\$	8,211	\$	4,138	
Net income per common share:					
Basic	\$	0.22	\$	0.11	
Diluted	\$	0.21	\$	0.11	
Weighted-average common shares outstanding:					
Basic		37,886		36,889	
Diluted		39,493		38,601	
	·				

Consolidated Segment Revenues Analysis

(in thousands – unaudited)

Three Months Ended March 31,

	 2018	2017	Change %			
<u>United States</u>						
DEFINITY	\$ 43,506	\$ 36,923	17.8 %			
TechneLite	18,063	23,308	(22.5)%			
Xenon	7,927	8,058	(1.6)%			
Other	1,992	2,738	(27.2)%			
Total United States	 71,488	71,027	0.6 %			
<u>International</u>						
DEFINITY	1,149	789	45.6 %			
TechneLite	3,332	3,517	(5.3)%			
Xenon	_	2	(100.0)%			
Other	6,661	6,024	10.6 %			
Total International	 11,142	10,332	7.8 %			
<u>Worldwide</u>						
DEFINITY	44,655	37,712	18.4 %			
TechneLite	21,395	26,825	(20.2)%			
Xenon	7,927	8,060	(1.7)%			
Other	8,653	8,762	(1.2)%			
Total Revenues	\$ 82,630	\$ 81,359	1.6 %			

Reconciliation of GAAP to Non-GAAP Financial Measures

 $(in\ thousands-unaudited)$

Three Months Ended March 31,

		2018	2017		
Operating income		15,137	\$	11,927	
Campus consolidation costs including depreciation		483		2,541	
Offering and other costs		_		178	
Non-recurring refinancing related fees		_		1,695	
Adjusted operating income	\$	15,620	\$	16,341	
Adjusted operating income, as a percentage of revenues		18.9%		20.1%	

Reconciliation of GAAP to Non-GAAP Financial Measures

(in thousands, except per share data – unaudited)

		Three Months Ended March 31,			
		2018 2017			
Net income	\$	8,211	\$	4,138	
Reconciling items impacting operating income:					
Campus consolidation costs including depreciation		483		2,541	
Offering and other costs		_		178	
Non-recurring refinancing related fees		_		1,695	
Reconciling items impacting non-operating expenses and income taxes:	s:				
Loss on debt extinguishment and retirement costs		_		2,161	
Income tax effect of non-GAAP adjustments(a) (b)		(122)		(1,660)	
Adjusted net income	\$	8,572	\$	9,053	
Adjusted net income, as a percentage of revenues	10.4% 11.1%			11.1%	

	Three Months Ended March 31,			nded
		2018		2017
Net income per share - diluted	\$	0.21	\$	0.11
Reconciling items impacting operating income:				
Campus consolidation costs including depreciation		0.01		0.07
Offering and other costs		_		_
Non-recurring refinancing related fees		_		0.04
Reconciling items impacting non-operating expenses and income taxes:				
Loss on debt extinguishment and retirement costs		_		0.06
Tax effect of non-GAAP adjustments(a) (b)		_		(0.05)
Adjusted net income per share - diluted	\$	0.22	\$	0.23
Weighted-average common shares outstanding - diluted		39,493		38,601

- (a) The income tax effect of the adjustments between GAAP net income and non-GAAP adjusted net income takes into account the tax treatment and related tax rate that apply to each adjustment in the applicable tax jurisdiction.
- (b) During the fourth quarter of 2017, we released the valuation allowance previously recorded against our domestic net deferred tax assets. As a result, we included the tax effect of non-GAAP adjustments starting in the fourth quarter of 2017. Presentation of 2017 Adjusted Net Income has been modified to allow better go-forward comparability by including the tax effect of non-GAAP reconciling items.

Reconciliation of GAAP to Non-GAAP Financial Measures

(in thousands – unaudited)

Three Months Ended
March 31

		March 31,				
		2018		2017		
Net income	\$	8,211	\$	4,138		
Interest expense, net		4,043		5,417		
Income tax expense ^(a)		2,955		296		
Depreciation		1,874		4,514		
Amortization of intangible assets		1,722		1,646		
EBITDA		18,805		16,011		
Stock and incentive plan compensation		1,977		1,292		
Asset write-off (b)		1,245		312		
Severance and recruiting costs (c)		209		139		
Offering and other costs (d)		_		178		
Campus consolidation costs		483		27		
Debt refinancing costs		_		1,695		
Extinguishment of debt and debt retirement costs		_		2,161		
New manufacturer costs (e)		368		836		
Adjusted EBITDA	\$	23,087	\$	22,651		
Adjusted EBITDA, as a percentage of revenues		27.9%		27.8%		

- (a) Represents income tax expense, less tax indemnification income associated with BMS.
- (b) Represents non-cash losses incurred associated with inventory and other write-offs of long-lived assets.
- (c) The amounts consist of severance and recruitment costs related to employees, executives and directors.
- (d) Represents offering costs incurred on behalf of certain shareholders pursuant to a registration rights agreement and other non-recurring costs.
- (e) Represents internal and external costs associated with establishing new manufacturing sources for our commercial and clinical candidate products.

Reconciliation of Free Cash Flow

(in thousands – unaudited)

Three Months Ended March 31,

	2018	2017
Net cash (used in) provided by operating activities	\$ (666)	\$ 5,524
Capital expenditures	(2,135)	(4,899)
Free cash flow	\$ (2,801)	\$ 625

Condensed Consolidated Balance Sheets

(in thousands – unaudited)

	March 31, 2018	D	ecember 31, 2017
Assets			
Current assets			
Cash and cash equivalents	\$ 73,739	\$	76,290
Accounts receivable, net	47,834		40,259
Inventory	32,086		26,080
Other current assets	5,598		5,221
Total current assets	159,257		147,850
Property, plant & equipment, net	93,777		92,999
Intangibles, net	11,106		11,798
Goodwill	15,714		15,714
Deferred tax assets, net	83,655		87,010
Other long-term assets	29,080		28,487
Total assets	\$ 392,589	\$	383,858
Liabilities and stockholders' equity			
Current liabilities			
Current portion of long-term debt	\$ 2,750	\$	2,750
Revolving line of credit	_		_
Accounts payable	21,012		17,464
Accrued expenses and other liabilities	21,634		26,536
Total current liabilities	45,396		46,750
Asset retirement obligations	10,702		10,412
Long-term debt, net	264,972		265,393
Other long-term liabilities	37,855		38,012
Total liabilities	358,925		360,567
Total stockholders' equity	33,664		23,291
Total liabilities and stockholders' equity	\$ 392,589	\$	383,858

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