UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K/A

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

Date of report (Date of earliest event reported): June 22, 2015



MELA SCIENCES, INC. (Exact Name of Registrant Specified in Charter)

Delaware

(State or Other Jurisdiction of Incorporation) **000-51481** (Commission File Number) **13-3986004** (I.R.S. Employer Identification No.)

100 Lakeside Drive, Suite 100, Horsham, Pennsylvania (Address of Principal Executive Offices) **19044** (Zip Code)

Registrant's telephone number, including area code: 215-619-3200

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ 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))

Item 2.01 Completion of Acquisition or Disposition of Assets.

On June 23, 2015, MELA Sciences, Inc. (the "Company") filed a Current Report on Form 8-K reporting that as of June 22, 2015, the Company completed the asset purchase of the XTRAC and VTRAC businesses from PhotoMedex, Inc.

This Form 8-K/A amends the Form 8-K the Company filed on June 23, 2015 to include the Company's unaudited pro forma condensed financial statements giving effect to the acquisition, each for the year ended December 31, 2014 and for the three months ended March 31, 2015.

Item 9.01 Financial Statements and Exhibits.

(a) Financial Statements of Business Acquired.

The Combined Carve-Out XTRAC/VTRAC Division (A Carve-Out of PhotoMedex, Inc.) audited historical combined financial statements for the years ended December 31, 2014 and 2013 are incorporated by reference into this Form 8-K/A from the Form 8-K filed on June 23, 2015.

The unaudited Combined Carve-Out XTRAC/VTRAC Division (A Carve-Out of PhotoMedex, Inc.) condensed combined financial statements for the three months ended March 31, 2015 are incorporated by reference into this Form 8-K/A from the Form 8-K filed on June 23, 2015.

(b) Pro Forma Financial Information.

The following unaudited pro forma condensed financial information related to the asset purchase is attached as Exhibit 99.1 to this Form 8-K/A and incorporated by reference into this Form 8-K/A:

- (i) Unaudited Pro Forma Condensed Balance Sheet as of March 31, 2015;
- (ii) Unaudited Pro Forma Statement of Operations for the year ended December 31, 2014; and
- (iii) Unaudited Pro Forma Statement of Operations for the three months ended March 31, 2015.

(d) Exhibits.

The following exhibits are being filed as part of this Current Report on Form 8-K/A pursuant to Item 2.01.

Exhibit Number Description

99.1 Unaudited Pro Forma Condensed Financial Information.

SIGNATURE

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

MELA SCIENCES, INC.

Date: August 4, 2015

By: /s/ Michael R. Stewart Michael R. Stewart Chief Executive Officer

EXHIBIT INDEX

 Exhibit No.
 Description of Exhibit

 99.1
 UNAUDITED PRO FORMA CONDENSED FINANCIAL STATEMENTS issued by MELA Sciences, Inc.

UNAUDITED PRO FORMA CONDENSED FINANCIAL STATEMENTS

The following unaudited pro forma condensed financial statements give effect to the Company's asset purchase on June 22, 2015 of the XTRAC and VTRAC businesses from PhotoMedex, Inc. ("Asset Purchase").

The following unaudited pro forma condensed statements of operations for the year ended December 31, 2014 and the three months ended March 31, 2015 reflect the Asset Purchase as if the event had occurred as of January 1, 2014. The unaudited pro forma condensed balance sheet as of March 31, 2015 reflects the Asset Purchase as if it had occurred on March 31, 2015.

The unaudited pro forma condensed financial information should be read in conjunction with the historical financial statements and accompanying notes of MELA Sciences Inc., which are included in the Annual Report on Form 10-K of MELA Sciences for the year ended December 31, 2014. The unaudited pro forma condensed financial information for the XTRAC and VTRAC businesses should be read in conjunction with the historical combined carve-out financial statements and accompanying notes for the year ended December 31, 2014 as filed on Form 8-K on June 23, 2015. The assumptions and adjustments used are described in the accompanying notes to the unaudited pro forma condensed combined financial statements.

The Company allocated the Asset Purchase price using its best estimates of fair value. These estimates are based on the most recently available information. To the extent there are significant changes to the XTRAC and VTRAC businesses, the assumptions and estimates herein could change significantly. The allocation is dependent upon certain valuation and other studies that are not yet final. There can be no assurances that these final valuations will not result in material changes to the estimated allocation. The securities purchase and related financing are presented on the pro forma statements of operations as if they occurred on January 1, 2014. The warrant is accounted for as a derivative liability and marked to market each reporting period. For purposes of the pro forma statements, we assumed that the fair value remained the same with no change affecting the statements of operations for the periods presented.

The unaudited pro forma condensed financial statements are presented for informational purposes only and are not necessarily indicative of the results of operations that would have resulted had the asset purchase described above been consummated at the dates indicated, nor are they necessarily indicative of the results of operations which may be realized in the future. Furthermore, the Company expects to have reorganization and restructuring expenses as well as potential operating efficiencies as a result of the Asset Purchase. The pro forma financial data does not reflect these potential expenses and efficiencies. Furthermore, the pro forma condensed statements of operations do not include material nonrecurring charges for acquisition expenses for approximately \$1 million and the related tax effects which result directly from the transaction. The unaudited pro forma condensed financial statements should be read in conjunction with the historical financial statements and the related notes of the Company and XTRAC and VTRAC Carve-out, both included in the periodic reports filed with the Securities and Exchange Commission.

MELA SCIENCES, INC. Unaudited Pro Forma Condensed Balance Sheet As of March 31, 2015 (In thousands)

ASSETS		MELA istorical	X	TRAC/VTRAC Businesses Historical		ro Forma ljustments		P	ro Forma
Current assets:									
Cash and cash equivalents	\$	8,233	\$	200	\$	42,500	(3a)	\$	8,233
Dest inteller d		100				(42,700)	(3b)		100
Restricted cash Accounts receivable, net		100 6		- 4,765		-			100 4,771
Inventories, net		5,188		2,467		-			7,655
Prepaid expenses and other current assets		350		627		- 584	(3c)		1,561
Total current assets		13,877		8,059		384	(30)		22,320
Total Current assets		13,077	_	0,033		504			22,320
Property and equipment, net		1,620		13,258		953	(3d)		15,831
Intangible assets, net		35				17,000	(3d)		17,035
Goodwill		-		-		7,748	(3d)		7,748
Other assets		690		40		-	, í		730
Total assets	\$	16,222	\$	21,357	\$	26,085		\$	63,664
LIABILITIES AND STOCKHOLDERS' EQUITY Current liabilities:									
Current portion of notes payable and long term debt	\$	_	\$	57	\$	10,000	(3a)	\$	7,099
Current portion of notes payable and long term debt	φ	-	φ	70	φ	(2,958)	(3a) (3e)	φ	7,099
Warrant liability		1,834		-		2,958	(3e)		4,792
Other current liabilities		2,051		4,150		584	(3c)		6,785
Total current liabilities		3,885	_	4,207		10,584	(50)		18,676
Long-term liabilities:									
Notes payable Secured convertible debentures		- 4,707		11		- 32,500	(2-)		11
Secured convertible debentures		4,/0/		-		32,500 (27,300)	(3a) (3e)		9,907
Other liabilities		87		140		(27,300)	(39)		227
Total liabilities		8,679	_	4,358	_	15,784			28,821
		0,075		-,550		15,704			20,021
Stockholders' equity		7,543		16,999		(16,999)	(3d)		34,843
		,		- ,		27,300	(3e)		,
Total liabilities and stockholders' equity	\$	16,222	\$	21,357	\$	26,085		\$	63,664
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MELA SCIENCES, INC. Unaudited Pro Forma Condensed Statement of Operations For the Three Months Ended March 31, 2015 (In thousands, except share and per share information)

	 MELA Historical	XTRAC/VTRAC Businesses Historical		Pro Forma Adjustments		Pro Form		ro Forma
Revenues	\$ 81	\$	7,476	\$	-		\$	7,557
Cost of revenues	 711		3,264		93	(3f)		4,068
Gross profit (loss)	(630)		4,212		(93)			3,489
Operating expenses:								
Selling, general and administrative	2,763		4,888		133	(3f)		7,784
Engineering and product development	 239 3,002		417 5,305		- 133			656 8,440
Operating profit (loss)	(3,632)		(1,093)	(226)			(4,951)
Other income (loss):								
Interest and other financing income (expense), net Change in fair value of warrant liability	 (2,305) (1,335)		5 -	(1,	571) -	(3g)		(3,871) (1,335)
Net income (loss)	\$ (7,272)	\$	(1,088)	\$ (1,	797)		\$	(10,157)
Net income (loss) per share:								
Basic	\$ (1.12)						\$	(1.57)
Diluted	\$ (1.12)						\$	(1.57)
Shares used in computing net income (loss) per share:								
Basic	 6,471,906							6,471,906
Diluted	 6,471,906							6,471,906

MELA SCIENCES, INC. Unaudited Pro Forma Condensed Statement of Operations For the Year Ended December 31, 2014 (In thousands, except share and per share information)

]	MELA Historical	XT	XTRAC/VTRAC Businesses Historical		Pro Forma Adjustments		 Pro Forma
Revenues	\$	915	\$	30,582	\$	-		\$ 31,497
Cost of revenues		4,935		12,155		373	(3f)	 17,463
Gross profit (loss)		(4,020)		18,427		(373)		14,034
Operating expenses:								
Selling, general and administrative		10,961		17,000		532	(3f)	28,493
Engineering and product development		1,641		1,266		-	()	2,907
		12,602		18,266	_	532		 31,400
Operating profit (loss)		(16,622)		161		(905)		(17,366)
Other income (loss):								
Interest and other financing income (expense), net		(2,206)		(15)		(10,163)	(3g)	(12,384)
Registration rights liquidated damages		(3,420)		-		-		(3,420)
Change in the fair value of warrant liability		8,103		-		-		 8,103
Net income (loss)		(14,145)		146		(11,068)		(25,067)
Deemed dividend related to beneficial conversion feature on convertible preferred stock		(1 007)						(1 007)
conventible preferred stock		(1,887)		-		-		(1,887)
Net income (loss) attributable to common stockholders	\$	(16,032)	\$	146	\$	(11,068)		\$ (26,954)
Net income (loss) per share:								
Basic	\$	(3.03)						\$ (5.09)
Diluted	\$	(3.03)						\$ (5.09)
Shares used in computing net income (loss) per share:								
Basic		5,295,929						5,295,929
Diluted	_	5,295,929						 5,295,929

NOTES TO THE UNAUDITED PRO FORMA CONDENSED FINANCIAL STATEMENTS

1. Asset Purchase of the XTRAC and VTRAC Businesses and Basis of Presentation

Asset Purchase

On June 22, 2014, MELA Sciences, Inc. ("the Company") entered into an asset purchase agreement (the "Asset Purchase Agreement") with PhotoMedex Inc. and PhotoMedex Technology, Inc. pursuant to which the Company has purchased the XTRAC and VTRAC laser businesses from PhotoMedex, Inc. (the "Asset Purchase") for \$42.5 million in cash and assumed certain business-related liabilities. The purchased assets include all of the accounts receivable, inventory and fixed and intangible assets of the business.

On June 22, 2015, the Company entered into a Securities Purchase Agreement (the "Securities Purchase Agreement") and related financing documents with entities affiliated with existing institutional investors in the Company providing for the issuance of \$42.5 million aggregate principal amount (the "Financing") of senior secured notes (the "Notes"), senior secured convertible debentures (the "Debentures") and warrants (the "Warrants") to purchase 3.0 million shares of common stock at an exercise price of \$0.75 per share. The Company sold \$10.0 million aggregate principal amount of Notes bearing interest at 9% per year with a maturity date of the earlier of 30 days after the Company obtains stockholder approval of stock issuances under the Debentures and the Warrants or November 30, 2015. The Company also issued \$32.5 million aggregate principal amount of Debentures that, subject to certain ownership limitations and stockholder approval conditions, will be convertible into approximately 43.3 million shares of Company common stock at an initial conversion price of \$0.75 per share. The Debentures and the warrants, the issuances of shares of the common stock upon conversion of the Debentures and the Warrants, the issuances of shares of the common stock upon conversion of the Debentures and upon exercise of the Warrants are subject to stockholder approval of such issuances and an amendment to the Company's certificate of incorporation to increase the Company's authorized shares of common stock. Upon receipt of stockholder approval, the Company has also agreed to reprice outstanding warrants held by certain investors to reduce the exercise price to \$0.75 per share. For a more detailed discussion of the financing transaction, see the Form S-3 Registration Statement filed with the Securities and Exchange Commission on July 22, 2015.

The Warrants issued in connection with the 9% Notes contain anti-dilution provisions that allow for downward exercise price adjustments in certain situations. These provisions require the Warrants to be accounted for as a derivative liability, at fair value. All changes in thethe fair value of the liability will be included in the statement of operations.

The proceeds of the Financing were used to pay the purchase price of the assets acquired under the Asset Purchase Agreement.

Basis of Presentation

In accordance with Article 11-02 of Regulation S-X, the objective of the pro forma financial information is to provide investors with information about the continuing impact of a particular transaction by illustrating how the asset purchase of the XTRAC and VTRAC businesses might have affected MELA Sciences historical financial statements if the transaction had been consummated at an earlier time.

The unaudited pro forma condensed balance sheet as of March 31, 2015 is presented as if the Asset Purchase had occurred on March 31, 2015. The unaudited pro forma condensed statements of operations for the three months ended March 31, 2015 and for the year ended December 31, 2014 are presented as if the Asset Purchase had occurred on January 1, 2014.

The preliminary allocation of the purchase price of the XTRAC and VTRAC businesses used in the unaudited pro forma condensed financial statements is based upon preliminary estimates. The estimates and assumptions are subject to change upon completion of the valuation of the XTRAC and VTRAC businesses' assets and liabilities. Upon completion of the valuation, we expect to make additional adjustments, and these valuations could change significantly from those used in the pro forma condensed combined financial statements.

The unaudited pro forma condensed consolidated financial information does not purport to be indicative of the financial position and results of operations that MELA Sciences will obtain in the future, or that MELA Sciences would have obtained if the acquisition of the XTRAC and VTRAC businesses had been consummated as of the dates indicated above. The pro forma adjustments are based upon currently available information and upon certain assumptions that MELA Sciences believes are reasonable. The unaudited pro forma condensed consolidated financial information should be read in conjunction with the historical consolidated financial statements of MELA Sciences included in its annual reports on Form 10-K and quarterly reports on Form 10-Q and the consolidated financial statements of the XTRAC and VTRAC businesses.

2. Purchase Price Allocation

The purchase price of XTRAC and VTRAC businesses was approximately \$42,700 in consideration plus related liabilities. The purchase price will be allocated to tangible and intangible assets and liabilities based on an estimate of the fair value of the assets acquired and the liabilities assumed. The significant intangible assets to be recognized in the valuation are core and product technologies, tradenames and customer relationships. The estimated useful lives over which these assets will be amortized, utilizing the straight line method, are five years for core technologies and ten years for product technologies, tradenames and customer relationships. The following allocation (in thousands) of the aggregate fair value is preliminary and subject to adjustment based on the fair value of the assets acquired and the liabilities assumed. The Company estimated fair value of the intangibles and lasers placed in service was based on the income approach which estimated cash flow that utilize appropriate discount and capitalization rates and available market information. Estimates of future cash flows are based on a number of factors including the historical operating results, known trends and specific market and economic conditions. The fair value of the Company's remaining fixed assets was estimated based on the cost approach which estimated the cost to replace.

Preliminary purchase price allocation:

Current assets	\$
	8,059
Property, plant and equipment	14,211
Identifiable intangible assets	17,000
Goodwill	7,748
Other assets	40
Current liabilities	(4,150)
Note payable	(68)
Other long term liabilities	(140)
	\$
	42,700

3. Pro forma adjustments (in thousands, except per share informationin thousands) (unaudited):

(3a) Reflects the financing to fund the asset purchase.

(3b) Cash paid for the assets purchased at acquisition date by the Company, which was funded from the financing.

- (3c) Adjustment to record the deferred debt costs of the financing utilized to finance the acquisition. The periodic amortization of such costs was included in interest expense, using the effective interest rate and was based on the term of the financing of 5 years.
- (3d) Adjustments to assets acquired and liabilities assumed based on preliminary fair value assessment which was based on application of income and cost approaches.
- (3e) To record the Warrants, which have a fair value of \$2,958, as a separate instrument from the Notes and treat as a debt discount. The value was determined as of the acquisition date, using the binomial method, The key assumptions for the valuation were the Company's opening market price on the date the acquisition and related financing was announced of \$1.38; a 5 year term for the warrant, with a down-round provision for the first year only; and probability factors on the potential for both the down round provision and shareholder vote each occurring. The Warrant will be adjusted to fair value as of each reporting period, using this binominal method.

To record the discount resulting from the beneficial conversion feature on the Debentures, with a value of \$27,300. The beneficial conversion feature value was calculated as the difference resulting from subtracting the conversion price of \$0.75 from \$1.38, the opening market value of the Company's common stock on day following the date that the Debentures were issued, multiplied by the number of common shares into which the Debentures are convertible.

(3f) Reflects incremental adjustment to depreciation and amortization for step-up in lasers placed-in-service and intangible assets. As a result, incremental depreciation of lasers placed-in-service is being charged on a straight line basis over the estimated average useful lives of the lasers placed-in-service of 4 years.

The estimated fair values of the core technologies of \$5,900 and product technologies of \$2,100 are amortized to cost of goods sold, as these intangibles relate to the manufacture of the lasers and lamp devices. Core technology has an estimated useful life of 5 years and product technology has an estimated useful life of 10 years.

The estimated fair values of the tradenames of \$1,500 and customer relationships of \$7,500 are amortized to selling expense, as these intangibles relate to the marketing and selling of the lasers and lamp devices. These intangibles have an estimated useful life of 10 years each.

(3g) Reflects an increase in interest expense associated with the Debentures and Notes. The pro forma interest expense is reflected as if the financing occurred on January 1, 2014. A portion of the expense is attributable to the payment of the 2.25% coupon rate on the Debentures and 9% interest rate on the Notes. The other portion is attributable to the amortization of the discounts against the Note and the Debentures, resulting from ascribing values to the warrants and beneficial conversion feature, and deferred financing costs, expensed on an effective interest rate basis. The Note, and the related warrant discount, have an effective maturity term of 5 months so the discount is amortized in the year ended December 31, 2014 in the presentation.

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The warrant liability was valued as of the acquisition date using the binomial method. For purposes of the pro forma statements, it was assumed no change in the fair value for the periods presented.