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): August 4, 2016

Applied Optoelectronics, Inc.

(Exact name of Registrant as specified in its charter)

Delaware (State or Incorporation)

001-36083 (Commission File Number)

76-0533927 (I.R.S. Employer Identification No.)

13139 Jess Pirtle Blvd. Sugar Land, TX 77478 (address of principal executive offices and zip code)

(281) 295-1800 (Registrant's telephone number, including area code)

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 2.02. RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

On August 4, 2016 Applied Optoelectronics, Inc. (the "Company") issued a press release regarding the Company's financial results for the second quarter ended June 30, 2016. A copy of the Company's press release is attached as Exhibit 99.1 to this Form 8-K.

The information furnished in this Current Report under this Item 2.02 and the exhibits attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(d) Exhibits

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99.1 Press release dated August 4, 2016 issued by Applied Optoelectronics, Inc., filed herewith.

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.

Applied Optoelectronics, Inc.

By: <u>/s/ STEFAN J. MURRY</u> Stefan J. Murry Chief Financial Officer

Date: August 4, 2016



Applied Optoelectronics Reports Second Quarter 2016 Results

Sugar Land, Texas, Aug. 4, 2016 – Applied Optoelectronics, Inc. (NASDAQ: AAOI), a leading provider of fiber-optic access network products for the internet datacenter, cable broadband, and fiber-to-the-home markets, today announced financial results for its second quarter ended June 30, 2016.

"We achieved top and bottom-line results well above our guidance and we are pleased with the progress we made during the quarter. Our results were driven by continued strong demand for our market-leading datacenter products, where we generated our fifth consecutive quarter of record revenue, and an improvement in demand for our CATV products," said Dr. Thompson Lin, Applied Optoelectronics, Inc. founder, president and CEO. "Our improved performance reflects our commitment to operational excellence and I am confident we are on the right path to build on our momentum in the datacenter and CATV markets and achieve our long-term financial objectives."

Second Quarter 2016 Financial Summary

- Total revenue was \$55.3 million, up 11% compared with \$49.6 million in the second quarter 2015 and up 10% compared with \$50.4 million in the first quarter of 2016.
- · GAAP gross margin was 31.3% compared with 33.7% in the second quarter 2015 and 28.3% in the first quarter of 2016. Non-GAAP gross margin was 31.4% compared with 33.7% in the second quarter 2015 and 28.3% in the first quarter of 2016.
- GAAP net income was \$0.6 million, or \$0.03 per diluted share, compared with net income of \$6.1 million, or \$0.38 per diluted share in the second quarter 2015, and net loss of \$1.3 million, or \$0.08 per basic share in the first quarter of 2016.
- · Non-GAAP net income was \$2.8 million, or \$0.16 per diluted share, compared with non-GAAP net income of \$6.1 million, or \$0.38 per diluted share in the second quarter 2015, and non-GAAP net loss of \$0.6 million, or \$0.04 per basic share in the first quarter of 2016.

A reconciliation between all GAAP and non-GAAP information referenced above is contained in the tables below. Please also refer to "Non-GAAP Financial Measures" below for a description of these non-GAAP financial measures.

Third Quarter 2016 Business Outlook (+)

For the third quarter of 2016, the company currently expects:

- · Revenue in the range of \$56 million to \$59 million.
- Non-GAAP gross margin in the range of 30.5% to 32%.
- Non-GAAP net income in the range of \$2.9 million to \$3.8 million, and non-GAAP fully diluted earnings per share in the range of \$0.16 to \$0.21 using approximately 18.0 million shares.

(+) Please refer to the note below on forward-looking statements and the risks involved with such statements as well as the note on non-GAAP financial measures.

Conference Call Information

Applied Optoelectronics will host a conference call today, Aug. 4, 2016 at 4:30 p.m. Eastern time / 3:30 p.m. Central time for analysts and investors to discuss its second quarter results and outlook for its third quarter of 2016. Open to the public, investors may access the call by dialing (412) 317-6789. A live audio webcast of the conference call along with supplemental financial information will also be accessible on the company's website at investors.ao-inc.com. Following the webcast, an archived version will be available on the website for one year. A telephonic replay of the call will be available one hour after the call and will run for five business days and may be accessed by dialing (412) 317-0088 and entering passcode 10089194.

Forward-Looking Information

This press release contains forward-looking statements. These forward-looking statements involve risks and uncertainties, as well as assumptions and current expectations, which could cause the company's actual results to differ materially from those anticipated in such forward-looking statements. These risks and uncertainties include but are not limited to: reduction in the size or quantity of customer orders; change in demand for the company's products due to industry conditions; changes in manufacturing operations; volatility in manufacturing costs; delays in shipments of products; disruptions in the supply chain; change in the rate of design wins or the rate of customer acceptance of new products; the company's reliance on a small number of customers for a substantial portion of its revenues; potential pricing pressure; a decline in demand for our customers' products or their rate of deployment of their products; general conditions in the internet datacenter, CATV or FTTH markets; changes in the world economy (particularly in the United States and China); the negative effects of seasonality; and other risks and uncertainties described more fully in the company's documents filed with or furnished to the Securities and Exchange Commission. More information about these and other risks that may impact the company's business are set forth in the "Risk Factors" section of the company's quarterly and annual reports on file with the Securities and Exchange Commission. In some cases, you can identify forward-looking statements by terminology such as "believe," "may," "estimate," "continue," "anticipate," "intend," "should," "could," "would," "target," "seek," "aim," "believe," "predicts," "think," "objectives," "optimistic," "new," "goal," "strategy," "potential," "is likely," "will," "expect," "plan" "project," "permit" or by other similar expressions that convey uncertainty of future events or outcomes. You should not rely on forward-looking statements as predictions of future events. All forward-looking statements in this press release are based upon information available to us as of the date hereof, and qualified in their entirety by this cautionary statement. Except as required by law, we assume no obligation to update forward-looking statements for any reason after the date of this press release to conform these statements to actual results or to changes in the company's expectations.

Non-GAAP Financial Measures

We provide non-GAAP gross margin, non-GAAP operating income (loss), non-GAAP net income (loss), non-GAAP earnings per share, and other non-GAAP measures like Adjusted EBITDA to eliminate the impact of items that we do not consider indicative of our overall operating performance. To arrive at our non-GAAP gross profit, we exclude stock-based compensation expense and non-recurring expenses, if any, from our GAAP gross profit. To arrive at our non-GAAP income (loss) from operations, we exclude all amortization of intangible assets, stock-based compensation expense and non-recurring expenses, if any, from our GAAP net income (loss) from operations. Included in our non-recurring expenses for the periods from 1Q16 to 2Q16 are certain consulting fees, items related to the relocation of our plant in Texas, and realized loss on the maturity of foreign currency investment. To arrive at Adjusted EBITDA, we exclude these same items and, additionally, exclude asset impairment charges, loss (gain) from disposal of idle assets, unrealized exchange loss (gain), interest (income) expense, on a net basis, provision for (benefit from) income taxes and depreciation expense, from our GAAP net income (loss). Our non-GAAP earnings per share is calculated by dividing our non-GAAP net income by the fully diluted share count. We believe that our non-GAAP measures are useful to investors in evaluating our operating performance for the following reasons:

- · We believe that elimination of items such as stock-based compensation expense, non-recurring expenses, amortization and tax is appropriate because treatment of these items may vary for reasons unrelated to our overall operating performance;
- We believe that non-GAAP measures provide better comparability with our past financial performance, period-to-period results and with our peer companies, many of which also use similar non-GAAP financial measures; and
- We anticipate that investors and securities analysts will utilize non-GAAP measures to evaluate our overall operating performance.

Adjusted EBITDA and other non-GAAP measures should not be considered as an alternative to gross profit, income (loss) from operations, net income (loss) or any other measure of financial performance calculated and presented in accordance with GAAP. Our Adjusted EBITDA and other non-GAAP measures may not be comparable to similarly titled measures of other organizations because other organizations may not calculate Adjusted EBITDA or such other non-GAAP measures in the same manner. We have not reconciled the non-GAAP measures included in our guidance to the appropriate GAAP financial measures because the GAAP measures are not accessible on a forward-looking basis. GAAP measures that impact our non-GAAP financial measures may include stock-based compensation expense, non-recurring expenses, amortization of intangible assets, unrealized exchange loss (gain), asset impairment charges, and loss (gain) from disposal of idle assets. These GAAP measures cannot be reasonably predicted and may directly impact our non-GAAP gross margin, our non-GAAP net income and our non-GAAP fully-diluted earnings per share, although changes with respect to certain of these measures may offset other changes. In addition, certain of these measures are out of our control. Accordingly, a reconciliation of the non-GAAP financial measure guidance to the corresponding GAAP measures is not available without unreasonable effort.

About Applied Optoelectronics

Applied Optoelectronics, Inc. (AOI) is a leading developer and manufacturer of advanced optical products, including components, modules and equipment. AOI's products are the building blocks for broadband fiber access networks around the world, where they are used in the internet datacenter, CATV broadband and fiber-to-the-home markets. AOI supplies optical networking lasers, components and equipment to tier-1 customers in all three of these markets. In addition to its corporate headquarters, wafer fab and advanced engineering and production facilities in Sugar Land, TX, AOI has engineering and manufacturing facilities in Taipei, Taiwan and Ningbo, China. For additional information, visit www.ao-inc.com.

Investor Relations Contacts:

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Applied Optoelectronics, Inc. Preliminary Condensed Consolidated Balance Sheets (In thousands) (Unaudited)

	Jun	June 30, 2016		December 31, 2015	
ASSETS					
CURRENT ASSETS					
Cash, Cash Equivalents and Short term investments	\$	47,268	\$	40,679	
Accounts Receivable, Net		41,536		38,775	
Inventories		59,833		66,238	
Other Receivables		2,069		4,121	
Prepaid Expenses and Other Current Assets		3,005		4,115	
Total Current Assets		153,711		153,928	
Property, Plant And Equipment, Net		136,828		109,699	
Land Use Rights, Net		825		854	
Intangible Assets, net		3,962		3,900	
Other Assets		6,040		5,094	
TOTAL ASSETS	\$	301,366	\$	273,475	
LIABILITIES AND STOCKHOLDERS' EQUITY					
CURRENT LIABILITIES					
Accounts Payable	\$	33,130	\$	28,668	
Accrued Expenses		13,762		11,506	
Banker's Acceptance Payable		2,435		2,998	
Bank Loan-Short Term		21,525		27,316	
Current Portion of Long Term Debt		7,303		3,592	
Total Current Liabilities		78,155		74,080	
Notes Payable and Long Term Debt		56,040		33,997	
Other Long Term Liability		_		_	
TOTAL LIABILITIES		134,195		108,077	
STOCKHOLDERS' EQUITY					
Total Preferred Stock		_		_	
Common Stock		17		17	
Additional Paid-in Capital		235,338		233,336	
Cumulative Translation Adjustment		790		292	
Accumulated Deficit		(68,974)		(68,247)	
TOTAL STOCKHOLDERS' EQUITY		167,171		165,398	
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	<u>\$</u>	301,366	\$	273,475	

Applied Optoelectronics, Inc. Preliminary Condensed Consolidated Statements of Operations (In thousands, except per share data) (Unaudited)

	Three Months Ended Jun 30,			Six Months Ended Jun 30,				
Revenue		2016		2015		2016		2015
CATV	\$	9,521	\$	16,428	\$	17,252	\$	28,442
Datacenter		41,280		29,610		80,260		45,926
FTTH		436		1,287		857		1,409
Other		4,017		2,307		7,307		4,089
Total Revenue		55,254		49,632		105,676		79,866
Total Cost of Goods Sold		37,952		32,901		74,121		53,084
Total Gross Profit		17,302		16,731		31,555		26,782
Operating Expenses:								
Research & Development		7,814		4,701		16,210		9,506
Sales and Marketing		1,610		1,607		3,290		3,166
General and administrative		5,906		4,534		11,639		9,537
Total Operating Expenses	_	15,330		10,842		31,139		22,209
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Operating Income (Loss)		1,972		5,889		416		4,573
Other Income (Expense):								
Interest Income		65		80		166		154
Interest Expense		(450)		(300)		(851)		(425)
Other Income (Expense)		(55)		(132)		(53)		198
Foreign Exchange Gain (Loss)		(877)		687		(545)		1,049
Total Other Income (Expense):		(1,317)		335		(1,283)		976
Net Income (Loss) before Income Taxes		655		6,224		(867)		5,549
Income Tax Benefit (Expense)		(52)		(135)		140		(135)
Net Income (Loss)		603		6,089		(727)		5,414
Net income (loss) per share attributable to common stockholders	_	003		0,007		(121)	_	3,717
basic	\$	0.04	\$	0.41	\$	(0.04)	\$	0.36
diluted	\$	0.03	\$	0.38	\$	(0.04)	\$	0.34
Weighted-average shares used to compute net income(loss) per share attributable to common stockholders								
basic	_	17,091		14,936		17,011		14,891
diluted	_	17,455	_	15,872		17,011	_	16,015

Applied Optoelectronics, Inc. Reconciliation of Statements of Operations under GAAP and Non-GAAP (In thousands) (Unaudited)

	Three Months Ended Jun 30,			Six Months Ended Jun 30,		
	2016	2015	2016	2015		
GAAP total gross profit	\$ 17,302	\$ 16,731	\$ 31,555	\$ 26,782		
Share-based compensation expense	50	19	87	35		
Non-GAAP income from gross profit	17,352	16,750	31,642	26,817		
GAAP research and development expense	7,814	4,701	16,210	9,506		
Share-based compensation expense	154	57	272	111		
Non-GAAP research and development expense	7,660	4,644	15,938	9,395		
GAAP sales and marketing expense	1,610	1,607	3,290	3,166		
Share-based compensation expense	95	54	168	104		
Non-GAAP sales and marketing expense	1,515	1,553	3,122	3,062		
GAAP general and administrative expense	5,906	4,534	11,639	9,537		
Share-based compensation expense	676	404	1,256	800		
Amortization expense	112	102	222	202		
Non-recurring expense	415	54	588	435		
Non-GAAP general and administrative expense	4,703	3,974	9,573	8,100		
GAAP total operating expense	15,330	10,842	31,139	22,209		
Share-based compensation expense	925	515	1,696	1,015		
Amortization expense	112	102	222	202		
Non-recurring expense	415	54	588	435		
Non-GAAP total operating expense	13,878	10,171	28,633	20,557		
GAAP operating income	1,972	5,889	416	4,573		
Share-based compensation expense	975	534	1,783	1,050		
Amortization expense	112	102	222	202		
Non-recurring expense Non-GAAP operating income	415	54	588	435		
Non-GAAI operating income	3,474	6,579	3,009	6,260		
GAAP other income (loss)	(1,317)	335	(1,283)	976		
Loss (gain) from disposal of idle assets Unrealized exchange loss (gain)	40 42	0 (949)	40	(802)		
Non-recurring expense	642	(848)	(368) 642	(892)		
Non-GAAP other income (loss)	(593)	(360)	(969)	153 237		
Non-GAAI outer income (1088)	(393)	(300)	(909)			
GAAP net income (loss) Amortization of intangible assets	603 112	6,089 102	(727) 222	5,414 202		
Share-based compensation expense	975	534	1,783	1,050		
Non-recurring charges	1,057	207	1,230	588		
Loss (gain) from disposal of idle assets	40	0	40	0		
Unrealized exchange loss (gain)	42	(848)	(368)	(892)		
Non-GAAP net income	2,829	6,084	2,180	6,362		
GAAP net income (loss)	603	6,089	(727)	5,414		
Amortization of intangible assets	112	102	222	202		
Share-based compensation expense	975	534	1,783	1,050		
Depreciation expense	3,172	2,176	6,019	4,111		
Non-recurring charges	1,057	207	1,230	588		
Loss (gain) from disposal of idle assets	40	0	40	(902)		
Unrealized exchange loss (gain) Interest (income) expense, net	42 385	(848) 220	(368) 685	(892) 271		
Taxes related to the above	52	135	(140)	135		
Adjusted EBITDA	\$ 6,438	\$ 8,615	\$ 8,744	\$ 10,879		
	ψ 0,436	Ψ 0,013	Ψ 0,744	Ψ 10,079		