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 5, 2015

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.)

13115 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:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o 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 5, 2015 Applied Optoelectronics, Inc. (the "Company") issued a press release regarding the Company's financial results for the second quarter ended June 30, 2015. 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

Exhibit Number	Description

99.1 Press release dated August 5, 2015 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: /s/ Stefan J. Murry
Chief Financial Officer

Date: August 5, 2015

EXHIBIT INDEX

Exhibit Number Description

99.1 Press release dated August 5, 2015 issued by Applied Optoelectronics, Inc.



Applied Optoelectronics Reports Record Second Quarter 2015 Results

Sugar Land, Texas, August 5, 2015 – 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, 2015.

"We delivered record second quarter results with strong growth in both revenue and net income. With the steady supply of optical light engines coupled with our ability to accelerate shipments for 40Gbps transceivers, datacenter revenue grew by 65% year-over-year. We also achieved CATV revenue growth of 54% year-over-year driven by new products and design wins for node and head-end replacements," said Dr. Thompson Lin, Applied Optoelectronics Inc. founder and CEO. "The move to advanced optics in the datacenter and DOCSIS 3.1 upgrades in CATV will drive significant market growth and we are poised to capitalize on these opportunities given our leadership position in developing and manufacturing advanced optical devices."

Second Quarter 2015 Financial Summary

- Total revenue grew to \$49.6 million, up 52% compared with \$32.7 million in the second quarter 2014 and up 64% compared with \$30.2 million in the first quarter 2015.
- · GAAP gross margin was 33.7%, compared with 34.3% in the second quarter 2014 and 33.2% in the first quarter 2015. Non-GAAP gross margin was 33.7%, compared with 34.4% in the second quarter 2014 and 33.3% in the first quarter 2015.
- GAAP net income was \$6.1 million or \$0.38 per diluted share, compared with net income of \$1.9 million or \$0.12 per diluted share in the second quarter 2014 and a net loss of \$0.7 million or a \$0.05 loss per basic share in the first quarter 2015.
- · Non-GAAP net income was \$6.1 million or \$0.38 per diluted share, compared with non-GAAP net income of \$2.3 million or \$0.15 per diluted share in the second quarter 2014 and non-GAAP net income of \$0.3 million or \$0.02 per diluted share in the first quarter 2015.
- · On June 30, 2015, cash, cash equivalents, short-term investments and restricted cash totaled \$44.3 million, an increase from the March 31, 2015 balance of \$28.1 million.

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 2015 Business Outlook (+)

For the third quarter of 2015, the company currently expects:

- · Revenue in the range of \$51.0 million to \$54.0 million
- Non-GAAP gross margin in the range of 33.5% to 34.5%
- · Non-GAAP net income in the range of \$6.5 million to \$7.5 million, and non-GAAP fully diluted earnings per share in the range of \$0.37 to \$0.42 using approximately 17.8 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, August 5, 2015 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 2015. Open to the public, investors may access the call by dialing (719) 457-2727. 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 two hours after the call and will run for five business days and may be accessed by dialing (719) 457-0820 and entering passcode 8630023.

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 "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 Q4 non-recurring expenses are items related to the relocation of our Taiwan plant and certain non-recurring expenses related to our fiber-to-the-home business. 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). 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:

The Blueshirt Group, Investor Relations Maria Riley +1-415-217-7722 ir@ao-inc.com

Applied Optoelectronics, Inc. Preliminary Condensed Consolidated Balance Sheets (In thousands, except per share data)

		June 30, 2015 (Unaudited)		
ASSETS				
CURRENT ASSETS				
Cash, Cash Equivalents and Short term investments	\$	39,231	\$	40,873
Accounts Receivable, Net		32,907		31,589
Inventories		52,451		33,780
Notes Receivable		_		980
Other Receivables		2,357		1,659
Prepaid Expenses and Other Current Assets		5,674		4,358
Total Current Assets		132,620		113,239
Cash restricted for Construction in Progress		5,089		_
Property, Plant And Equipment, Net		78,979		64,808
Land Use Rights, Net		919		930
Intangible Assets, net		3,837		3,833
Other Assets		1,303		860
TOTAL ASSETS	\$	222,747	\$	183,670
LIABILITIES AND STOCKHOLDERS' EQUITY				
CURRENT LIABILITIES				
Accounts Payable	\$	20.755	ተ	
	Ψ	29,755	\$	30,799
Accrued Expenses	Ψ	7,348	ን	6,940
Accrued Expenses Banker's Acceptance Payable	ų.	7,348 2,660	\$	6,940 1,271
Accrued Expenses Banker's Acceptance Payable Bank Loan-Short Term	ŭ	7,348 2,660 27,686	\$	6,940 1,271 8,205
Accrued Expenses Banker's Acceptance Payable		7,348 2,660 27,686 3,304	\$	6,940 1,271 8,205 1,386
Accrued Expenses Banker's Acceptance Payable Bank Loan-Short Term		7,348 2,660 27,686	3	6,940 1,271 8,205
Accrued Expenses Banker's Acceptance Payable Bank Loan-Short Term Current Portion of Long Term Debt Total Current Liabilities Long Term Debt		7,348 2,660 27,686 3,304	\$ 	6,940 1,271 8,205 1,386
Accrued Expenses Banker's Acceptance Payable Bank Loan-Short Term Current Portion of Long Term Debt Total Current Liabilities		7,348 2,660 27,686 3,304 70,753	5	6,940 1,271 8,205 1,386 48,601
Accrued Expenses Banker's Acceptance Payable Bank Loan-Short Term Current Portion of Long Term Debt Total Current Liabilities Long Term Debt		7,348 2,660 27,686 3,304 70,753	5	6,940 1,271 8,205 1,386 48,601
Accrued Expenses Banker's Acceptance Payable Bank Loan-Short Term Current Portion of Long Term Debt Total Current Liabilities Long Term Debt Other Long Term Liability TOTAL LIABILITIES		7,348 2,660 27,686 3,304 70,753 29,596 500	5	6,940 1,271 8,205 1,386 48,601 19,057 1,000
Accrued Expenses Banker's Acceptance Payable Bank Loan-Short Term Current Portion of Long Term Debt Total Current Liabilities Long Term Debt Other Long Term Liability		7,348 2,660 27,686 3,304 70,753 29,596 500	5	6,940 1,271 8,205 1,386 48,601 19,057 1,000

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

		Three Mor June	nded	Six Months Ended June 30,			
Revenue		2015	2014		2015		2014
CATV	\$	16,428	\$ 10,646	\$	28,442	\$	20,394
Datacenter		29,610	17,899		45,926		29,474
FTTH		1,287	3,096		1,409		5,312
Other		2,307	1,009		4,089		2,329
Total Revenue		49,632	32,650		79,866		57,509
Total Cost of Goods Sold		32,901	21,462		53,084		37,668
Total Gross Profit		16,731	11,188		26,782		19,841
Operating Expenses:							
Research & Development		4,701	4,009		9,506		7,555
Sales and Marketing		1,607	1,497		3,166		2,830
General and administrative		4,534	3,952		9,537		7,506
Total Operating Expenses		10,842	9,458		22,209		17,891
Operating Income		5,889	1,730		4,573		1,950
- F		2,222	_,		-,		_,
Other Income:							
Interest Income		80	106		154		185
Interest Expense		(300)	(59)		(425)		(221)
Other Income (Expense)		(132)	40		198		132
Foreign Exchange Gain		687	187		1,049		68
Total Other Income:		335	274		976		164
Net Income before Income Taxes		6,224	2,004		5,549		2,114
Income Tax		(135)	(85)		(135)		(110)
Net Income		6,089	1,919		5,414		2,004
		0,005	 1,010		5,414		2,004
Net income per share attributable to common stockholders							
basic	\$	0.41	\$ 0.13	\$	0.36	\$	0.15
diluted	\$	0.38	\$ 0.12	\$	0.34	\$	0.14
Weighted-average shares used to compute net income per							
share attributable to common stockholders							
basic		14,936	14,785		14,891		13,794
diluted		15,872	15,642	_	16,015		14,621
	_	15,072	15,042	_	10,013		17,021

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

		Three Mon June		nded	Six Months Ended June 30,			
Revenue		2015		2014		2015		2014
CATV	\$	16,428	\$	10,646	\$	28,442	\$	20,394
Datacenter		29,610		17,899		45,926		29,474
FTTH		1,287		3,096		1,409		5,312
Other		2,307		1,009		4,089		2,329
Total Revenue		49,632		32,650		79,866		57,509
Total Cost of Goods Sold		32,882		21,432		53,049		37,613
Total Gross Profit		16,750		11,218		26,817		19,896
Operating Expenses:								
Research & Development		4,644		3,978		9,395		7,500
Sales and Marketing		1,553		1,472		3,062		2,782
General and administrative		3,974		3,424		8,100		6,493
Total Operating Expenses		10,171		8,874		20,557		16,775
Operating Income		6,579		2,344		6,260		3,121
Other Income (Expense):								
Interest Income		80		106		154		185
Interest Expense		(300)		(59)		(425)		(221)
Other Income (Expense)		20		40		350		132
Foreign Exchange Gain (Loss)		(160)		4		158		71
Total Other Income (Expenses):		(360)		91		237		167
Net Income before Income Taxes		6,219		2,435		6,497		3,288
Income Tax		(135)		(85)		(135)		(110)
Net Income		6,084		2,350		6,362		3,178
Notice and the second s								
Net income per share attributable to common stockholders basic	ф	0.44	ф	0.46	Ф	0.42	ф	0.00
	\$	0.41	\$	0.16	\$	0.43	\$	0.23
diluted	\$	0.38	\$	0.15	\$	0.40	\$	0.22
Weighted-average shares used to compute net income per share attributable to common stockholders								
basic		14,936		14,785		14,891		13,794
diluted		15,872		15,642		16,015		14,621
				_				_

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

	Three Mor	I	Six Months Ended June 30,				
	 2015	·	2014		2015		2014
GAAP total gross profit	\$ 16,731	\$	11,188	\$	26,782	\$	19,841
Share-based compensation expense	 19		30		35		55
Non-GAAP income from gross profit	 16,750		11,218		26,817		19,896
GAAP research and development expense	4,701		4,009		9,506		7,555
Share-based compensation expense	57		31		111		55
Non-GAAP research and development expense	4,644		3,978		9,395		7,500
GAAP sales and marketing expense	1,607		1,497		3,166		2,830
Share-based compensation expense	 54		25		104		48
Non-GAAP sales and marketing expense	 1,553		1,472		3,062		2,782
GAAP general and administrative expense	4,534		3,952		9,537		7,506
Share-based compensation expense	404		433		800		849
Amortization expense	102		95		202		164
Non Recurring expense	54		0		435		0
Non-GAAP general and administrative expense	3,974		3,424		8,100		6,493
GAAP total operating expense	10,842		9,458		22,209		17,891
Share-based compensation expense	515		489		1,015		952
Amortization expense	102		95		202		164
Non Recurring expense	54		0		435		0
Non-GAAP total operating expense	10,171		8,874		20,557		16,775
GAAP operating income	5,889		1,730		4,573		1,950
Share-based compensation expense	534		519		1,050		1,007
Amortization expense	102		95		202		164
Non Recurring expense	54		0		435		0
Non-GAAP operating income	6,579		2,344		6,260		3,121
GAAP other income	335		274		976		164
Unrealized exchange loss (gain)	(848)		(183)		(892)		3
Non Recurring expense	153		0		153		0
Non-GAAP other income (loss)	(360)		91		237		167
GAAP net income	6,089		1,919		5,414		2,004
Amortization of intangible assets	102		95		202		164
Share-based compensation expense	534		519		1,050		1,007
Non Recurring charges	207		0		588		0
Unrealized exchange loss (gain)	(848)		(183)		(892)		3
Non-GAAP net income	6,084		2,350		6,362		3,178
GAAP net income	6,089		1,919		5,414		2,004
Amortization of intangible assets	102		95		202		164
Share-based compensation expense	534		519		1,050		1,007
Depreciation expense	2,176		1,336		4,111		2,506
Non Recurring charges	207		0		588		0
Unrealized exchange loss (gain)	(848)		(183)		(892)		3
Interest (income) expense, net	220		(47)		271		36
Taxes related to the above	135		85		135		110
Adjusted EBITDA	\$ 8,615	\$	3,724	\$	10,879	\$	5,830