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): February 21, 2018

Applied Optoelectronics, Inc. (Exact name of Registrant as specified in its charter)

Delaware (State of 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))

Indicate 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) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company | □

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. \Box

ITEM 2.02. RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

On February 21, 2018 Applied Optoelectronics, Inc. (the "Company") issued a press release regarding the Company's financial results for the fourth quarter ended December 31, 2017. 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 February 21, 2018, issued by Applied Optoelectronics, Inc., filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, undersigned hereunto duly authorized.	the re	gistrant has duly caused this report to be signed on its behalf by the
	Appli	ed Optoelectronics, Inc.
	By:	/s/ STEFAN J. MURRY Stefan J. Murry
		Chied Financial officer
Date: February 21, 2018		



Applied Optoelectronics Reports Fourth Quarter and Year 2017 Results

Sugar Land, Texas, Feb. 21, 2018 – Applied Optoelectronics, Inc. (NASDAQ: AAOI), a leading provider of fiber-optic network products for the internet datacenter, cable broadband, fiber-to-the-home and telecom markets, today announced financial results for its fourth quarter and year ended Dec. 31, 2017.

"We achieved revenue in the fourth quarter of \$79.9 million, which was slightly below our expectations due to lower demand from our datacenter customers as they continue to evolve their network architectures. While our revenue came in slightly below expectations, I am pleased with our ability to continue to generate strong gross margin even in a price sensitive market," said Dr. Thompson Lin, Applied Optoelectronics Inc. founder and CEO. "Even though we see inventory headwinds with one of our customers and the typical seasonality in Q1 due to fewer production days in China because of the Lunar New Year, we continue to expect the second half of 2018 to be stronger than the first half. We believe we have a strong leadership position in advanced optics, and this belief is bolstered by a large purchase commitment that we disclosed earlier today."

Fourth Quarter 2017 Financial Summary

- · Total revenue was \$79.9 million, compared with \$84.9 million in the fourth quarter 2016 and \$88.9 million in the third quarter of 2017.
- GAAP gross margin was 40.3%, compared with 38.0% in the fourth quarter 2016 and 44.3% in the third quarter of 2017. Non-GAAP gross margin was 41.0%, compared with 38.0% in the fourth quarter 2016 and 44.4% in the third quarter of 2017.
- GAAP net income was \$5.7 million, or \$0.28 per diluted share, compared with net income of \$14.2 million, or \$0.77 per diluted share in the fourth quarter 2016, and net income of \$19.4 million, or \$0.95 per diluted share in the third quarter of 2017.
- · Non-GAAP net income was \$17.9 million, or \$0.89 per diluted share, compared with non-GAAP net income of \$15.5 million, or \$0.84 per diluted share in the fourth quarter 2016, and non-GAAP net income of \$22.0 million, or \$1.08 per diluted share in the third quarter of 2017.

Year 2017 Financial Summary

- Total revenue grew to \$382.3 million, up 47% compared with \$260.7 million in 2016.
- · GAAP gross margin increased to 43.5%, up from 33.4% in 2016. Non-GAAP gross margin increased to 43.7% compared with 33.4% in 2016.
- · GAAP net income increased to \$74.0 million, or \$3.67 per diluted share, compared with net income of \$31.2 million, or \$1.76 per diluted share in 2016. Non-GAAP net income increased to \$93.0 million, or \$4.62 per diluted share, compared with non-GAAP net income of \$24.6 million, or \$1.39 per diluted share in 2016.
- · On December 31, 2017, cash, cash equivalents, short-term investments and restricted cash totaled \$84.0 million, compared with the December 31, 2016 balance of \$52.0 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.

First Quarter 2018 Business Outlook (+)

For the first quarter of 2018, the company currently expects:

- · Revenue in the range of \$67.0 million to \$71.0 million.
- · Non-GAAP gross margin in the range of 40.5% to 41.5%.
- · Non-GAAP net income in the range of \$5.6 million to \$6.8 million, and non-GAAP fully diluted earnings per share in the range of \$0.28 to \$0.34 using approximately 20.2 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

The company will host a conference call and webcast for analysts and investors on Feb. 21, 2018 to discuss its fourth quarter and year 2017 results and outlook for its first quarter of 2018 at 4:30 p.m. Eastern time / 3:30 p.m. Central time. Open to the public, investors may access the call by dialing (412) 717-9586. 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 10115850.

Forward-Looking Information

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements reflect the views of management at the time such statements are made. 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, FTTH or Telecom 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 net income (loss), and non-GAAP earnings per share to eliminate the impact of items that we do not consider indicative of our overall operating performance. To arrive at our non-GAAP gross margin, we exclude stock-based compensation expense and non-recurring expenses, if any, from our GAAP gross margin. To arrive at our non-GAAP net income (loss), we exclude all amortization of intangible assets, stock-based compensation expense and non-recurring expenses, if any, from our GAAP net income (loss). Included in our non-recurring expenses in Q4 2017 are depreciation on certain equipment undergoing reconfiguration, certain consulting fees, employee severance expenses, and certain non-recurring expenses related to hurricane Harvey. 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 and non-recurring expenses 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.

A reconciliation of our GAAP net income (loss) and GAAP earnings per share for Q4 2017 to our non-GAAP net income (loss) and earnings per share is provided below, together with corresponding reconciliations for the three month period ended December 31, 2016 and the twelve month periods ended December 31, 2016 and December 31, 2017.

Non-GAAP measures should not be considered as an alternative to net income (loss), earnings per share, or any other measure of financial performance calculated and presented in accordance with GAAP. Our non-GAAP measures may not be comparable to similarly titled measures of other organizations because other organizations may not calculate 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, fiber-to-the-home and telecom markets. AOI supplies optical networking lasers, components and equipment to tier-1 customers in all four 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.

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SOURCE: Applied Optoelectronics, Inc.

Investor Relations Contacts:

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

	Decem	December 31, 2016		
ASSETS				
CURRENT ASSETS				
Cash, Cash Equivalents and Short term investments	\$	83,984	\$	52,000
Accounts Receivable, Net		59,850		49,766
Inventories		75,768		51,817
Other Receivables		5,884		1,501
Prepaid Income Tax		1,394		-
Prepaid Expenses and Other Current Assets		2,817		2,468
Total Current Assets		229,697		157,552
Cash restricted for Construction in Progress		_		8
Property, Plant And Equipment, Net		197,943		144,098
Land Use Rights, Net		804		778
Intangible Assets, Net		4,007		3,993
Deferred Income Tax Assets		12,801		11,421
Other Assets		7,732		4,468
TOTAL ASSETS	\$	452,984	\$	322,318
LIABILITIES AND STOCKHOLDERS' EQUITY				
CURRENT LIABILITIES				
Accounts Payable	\$	43,624	\$	36,375
Accrued Expenses		19,103		14,452
Accrued Income Tax		7,422		974
Bank Acceptance Payable		_		307
Current Portion of Long Term Debt		559		7,865
Total Current Liabilities		70,708		59,973
Notes Payable and Long Term Debt		49,000		34,961
TOTAL LIABILITIES		119,708		94,934
STOCKHOLDERS' EQUITY				
TOTAL STOCKHOLDERS' EQUITY		333,276		227,384
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$	452,984	\$	322,318

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

	Three Months Ended December 31,					Twelve Months Ended December 31,			
Revenue		2017		2016		2017		2016	
Datacenter	\$	62,001	\$	68,105	\$	306,712	\$	201,314	
CATV		14,326		13,424		60,756		43,567	
Telecom		3,177		2,856		12,899		12,938	
FTTH		85		234		490		1,567	
Other		266		281		1,472		1,327	
Total Revenue		79,855		84,900		382,329		260,713	
Total Cost of Goods Sold		47,701		52,662		216,049		173,759	
Total Gross Profit		32,154		32,238		166,280		86,954	
Operating Expenses:									
Research and Development		10,670		7,208		35,365		31,780	
Sales and Marketing		2,090		1,743		8,702		6,627	
General and Administrative		9,074		7,443		35,262		25,527	
Total Operating Expenses		21,834		16,394		79,329		63,934	
Operating Income		10,320		15,844		86,951		23,020	
Other Income (Expense):									
Interest Income		55		41		221		247	
Interest Expense		(66)		(404)		(858)		(1,717)	
Other Income (Expense)		(20)		(12)		223		70	
Foreign Exchange Loss		(870)		(3)		(2,011)		(617)	
Total Other Income (Expense):		(901)		(378)		(2,425)		(2,017)	
Net Income before Income Taxes		9,419		15,466		84,526		21,003	
Income Tax Benefit (Expense)		(3,703)		(1,241)		(10,575)		10,231	
Net Income		5,716		14,225		73,951		31,234	
Net income per share attributable to common stockholders basic	Φ.	0.20	ф.	0.04	ф.	2.05	Φ.	1.00	
	\$	0.29	\$	0.81	\$	3.87	\$	1.82	
diluted	\$	0.28	\$	0.77	\$	3.67	\$	1.76	
Weighted-average shares used to compute net income per share attributable to common stockholders									
basic		19,406		17,631		19,097		17,202	
diluted		20,160		18,513		20,139		17,713	

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

	Three Months Ended December 31,			Twelve Months Ended December 31,			
	 2017		2016		2017		2016
GAAP total gross profit ^(a)	\$ 32,154	\$	32,238	\$	166,280	\$	86,954
Share-based compensation expense	124		51		461		190
Non-recurring expense	459		_		459		_
Non-GAAP total gross profit (a)	 32,737		32,289		167,200		87,144
GAAP net income	5,716		14,225		73,951		31,234
Amortization of intangible assets	125		117		485		454
Share-based compensation expense	1,946		1,003		7,795		3,832
Non-recurring charges	1,398		53		2,166		1,818
Loss from disposal of idle assets	_		37		2		81
Unrealized exchange loss (gain)	741		46		948		(946)
Non Recurring Tax expense (benefit)	8,016		_		7,696		(11,856)
Non-GAAP net income	 17,942		15,481		93,043		24,617
GAAP diluted net income per share	\$ 0.28	\$	0.77	\$	3.67	\$	1.76
Amortization of intangible assets	0.00		0.01		0.02		0.03
Share-based compensation expense	0.10		0.06		0.39		0.22
Non-recurring charges	0.07		_		0.11		0.10
Loss from disposal of idle assets	_		_		_		_
Unrealized exchange loss (gain)	0.04		-		0.05		(0.05)
Non Recurring Tax expense (benefit)	 0.40		_		0.38		(0.67)
Non-GAAP diluted net income per share	\$ 0.89	\$	0.84	\$	4.62	\$	1.39
Shares used to compute diluted earnings per share	20,160		18,513		20,139		17,713

⁽a) Provided for the purpose of calculating gross profit as a percentage of revenue (gross margin).