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 1, 2018

COHERENT, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

001-33962

(Commission File No.)

94-1622541

(IRS Employer Identification Number)

5100 Patrick Henry Drive Santa Clara, CA 95054

(Address of principal executive offices, including zip code)

(408) 764-4000

(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 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).
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 May 1, 2018, Coherent, Inc. ("Coherent") issued a press release regarding its financial results for the fiscal quarter ended March 31, 2018. A copy of the press release is furnished as Exhibit 99.1 to this report.

NON-GAAP FINANCIAL MEASURES: Coherent utilizes a number of different financial measures, both GAAP and non-GAAP, in analyzing and assessing the overall business performance, for making operating decisions and for forecasting and planning future periods. Coherent considers the use of non-GAAP financial measures helpful in assessing its current financial performance, ongoing operations and prospects for the future. Ongoing operations are the ongoing revenue and expenses of the business, excluding certain costs and expenses that Coherent does not anticipate to recur on a quarterly basis or which do not reflect ongoing operations. While Coherent uses non-GAAP financial measures as a tool to enhance its understanding of certain aspects of its financial performance, Coherent does not consider these measures to be a substitute for, or superior to, the information provided by GAAP financial measures. Consistent with this approach, Coherent believes that disclosing non-GAAP financial measures to the readers of its financial statements provides such readers with useful supplemental data that, while not a substitute for GAAP financial measures, allows for greater transparency in the review of its financial and operational performance. In assessing the overall health of its business, Coherent excluded items in the following general categories described below:

Net income and net income per diluted share. Coherent has excluded certain recurring and non-recurring items in order to enhance investors' understanding of its ongoing operations and to compare these results across multiple fiscal periods, particularly where a one-time event may have an impact in one fiscal quarter and not another.

Each of the non-GAAP financial measures described above, and used herein, should not be considered in isolation from, or as a substitute for, a measure of financial performance prepared in accordance with GAAP. Further, investors are cautioned that there are inherent limitations associated with the use of each of these non-GAAP financial measures as an analytical tool. In particular, these non-GAAP financial measures are not based on a comprehensive set of accounting rules or principles, and many of the adjustments to the GAAP financial measures reflect the exclusion of items that are recurring and will be reflected in Coherent's financial results for the foreseeable future. In addition, other companies, including other companies in Coherent's industry, may calculate non-GAAP financial measures differently than Coherent does, limiting their usefulness as a comparative tool.

ITEM 9.01. Financial Statements and Exhibits

(d) Exhibits

Exhibit No. Description

99.1 Press release dated May 1, 2018

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.

Date: May 1, 2018

COHERENT, INC.

By: /s/ Kevin Palatnik

Kevin Palatnik
Executive Vice President and
Chief Financial Officer



PRESS RELEASE

Contact:

Kevin Palatnik EVP & Chief Financial Officer +1 (408) 764-4110 Kevin.Palatnik@coherent.com

May 1, 2018
Press Release No. 1423
For Immediate Release:

Coherent, Inc. Reports Second Fiscal Quarter Results

SANTA CLARA, CA, May 1, 2018 -- Coherent, Inc. (NASDAQ, COHR), one of the world's leading providers of lasers, laser-based technologies and laser-based system solutions in a broad range of scientific, commercial and industrial applications, today announced financial results for its second fiscal quarter ended March 31, 2018.

FINANCIAL HIGHLIGHTS

			Thre	e Months Ended	Six Months Ended					
	March 31,		Ι	December 30,	Α	April 1,	Ma	arch 31,	A	pril 1,
		2018		2017		2017		2018		2017
GAAP Results										
(in millions except per share data)										
Net sales	\$	481.1	\$	477.6	\$	422.8	\$	958.7	\$	768.9
Net income	\$	65.3	\$	41.9	\$	41.8	\$	107.2	\$	72.3
Diluted EPS	\$	2.61	\$	1.67	\$	1.69	\$	4.29	\$	2.93
Non-GAAP Results										
(in millions except per share data)										
Net income	\$	84.3	\$	88.6	\$	72.1	\$	172.9	\$	135.5
Diluted EPS	\$	3.37	\$	3.54	\$	2.91	\$	6.91	\$	5.49

2018 SECOND FISCAL QUARTER DETAILS

For the second fiscal quarter ended March 31, 2018, Coherent announced net sales of \$481.1 million and net income, on a U.S. generally accepted accounting principles (GAAP) basis, of \$65.3 million, or \$2.61 per diluted share. These results compare to net sales of \$422.8 million and net income of \$41.8 million, or \$1.69 per diluted share, for the second quarter of fiscal 2017.

Non-GAAP net income for the second quarter of fiscal 2018 was \$84.3 million, or \$3.37 per diluted share. Non-GAAP net income for the second quarter of fiscal 2017 was \$72.1 million, or \$2.91 per diluted share. Reconciliations of GAAP to non-GAAP financial measures for the three months ended March 31, 2018, December 30, 2017 and April 1, 2017 and six months ended March 31, 2018 and April 1, 2017 appear in the financial statements portion of this release under the heading "Reconciliation of GAAP to Non-GAAP net income."

Net sales for the first quarter of fiscal 2018 were \$477.6 million and net income, on a GAAP basis, was \$41.9 million, or \$1.67 per diluted share. These results include additional income tax expense of \$41.7 million, or \$1.67 per diluted share due to the provisions under the Tax Cuts and Jobs Act as well as a benefit of \$12.5 million, or \$0.50 per diluted share from the adoption of new rules for accounting for excess tax benefits and deficiencies for employee stock-based compensation. The Securities and Exchange Commission has issued rules that allow for a measurement period of up to one year after the enactment date of the Tax Act to finalize the recording of the related tax impacts. Coherent currently anticipates finalizing and recording any resulting adjustments by the end of the quarter ending September 29, 2018. Non-GAAP net income for the first quarter of fiscal 2018 was \$88.6 million, or \$3.54 per diluted share.

As previously announced, on November 7, 2016, Coherent completed its acquisition of Rofin-Sinar Technologies, Inc. ("Rofin"), one of the world's leading developers and manufacturers of high-performance industrial laser sources and laser-based solutions and components. As a result, Rofin's operating results were consolidated for the period from November 7, 2016 through April 1, 2017 in Coherent's six months results ended April 1, 2017. Subsequent to the first quarter of fiscal 2017, Rofin's operating results are consolidated in Coherent's results for the full quarter and year-to-date.

"We experienced a surge in demand across a number of end markets during our second fiscal quarter. Orders for high power fiber lasers were up significantly from metal cutting OEMs in China, Tier 1 automotive component suppliers and EV battery manufacturers. Semiconductor capital equipment orders benefitted from high fab utilization rates and Chinese IC investments as part of Made in China 2025. Bookings across the OEM component and instrumentation space were up due to annual buys in bioinstrumentation, strength from medical OEMs and increasing opportunities in defense and aerospace.

Our Fiscal 2018 outlook on the FPD business is largely unchanged and the supply chain issue discussed last quarter has been resolved. FPD service demand was similar to last quarter and is expected to accelerate into the second half of the year," said John Ambroseo, Coherent's President and Chief Executive Officer.

"We also made our first investment in the metal additive manufacturing market with the acquisition of privately-held OR Laser, which has developed a compact tool to enable process development across multiple markets, as well as provide production capability for the dental, medical and jewelry markets. OR also developed proprietary software that is intuitive to use and does not require third party add-ons to go from CAD modeling to printed parts. Future projects will be directed towards the automotive and aerospace markets. In addition to the OR investment, we have continued making voluntary prepayments on our debt. The most recent prepayment of €60 million brings the total voluntary reduction to €285 million," Ambroseo added.

CONFERENCE CALL REMINDER

The Company will host a conference call today to discuss its financial results at 1:30 P.M. Pacific (4:30 P.M. Eastern). A listen-only broadcast of the conference call and a transcript of management's prepared remarks can be accessed on the Company's website at http://www.coherent.com/Investors/. For those who are not able to listen to the live broadcast, the call will be archived for approximately three months on the Company's website.

Summarized statement of operations information is as follows (unaudited, in thousands except per share data):

	Three Months Ended							Six Months Ended			
	M	larch 31,	Dec	cember 30,		April 1,	M	larch 31,		April 1,	
		2018		2017	2017		2018		2017		
Net sales	\$	481,118	\$	477,565	\$	422,833	\$	958,683	\$	768,906	
Cost of sales $^{(A)(B)(D)(E)(F)}$		265,688		260,542		243,318		526,230		447,877	
Gross profit		215,430		217,023		179,515		432,453		321,029	
Operating expenses:											
Research & development (A)(B)(F)		34,783		31,392		30,536		66,175		57,620	
Selling, general & administrative $^{(A)(B)(E)(F)(G)}$		77,146		73,437		72,451		150,583		146,219	
Gain from business combination(C)		_		_		_		_		(5,416)	
Other impairment charges(recoveries) (I)		(110)		265		_		155		_	
Amortization of intangible assets ^(D)		2,950		2,606		5,439		5,556		9,317	
Total operating expenses		114,769		107,700		108,426		222,469		207,740	
Income from operations		100,661		109,323		71,089		209,984		113,289	
Other income (expense), net(B) (H)		(9,510)		(8,500)		(10,255)		(18,010)		(5,083)	
Income from continuing operations, before income taxes		91,151		100,823		60,834		191,974		108,206	
Provision for income taxes (J)		25,849		58,920		18,646		84,769		35,320	
Net income from continuing operations		65,302		41,903		42,188		107,205		72,886	
Income (loss) from discontinued operations, net of income taxes		_		(2)		(343)		(2)		(633)	
Net income	\$	65,302	\$	41,901	\$	41,845	\$	107,203	\$	72,253	
Net income (loss) per share:											
Basic from continuing operations		2.64		1.70		1.72		4.34		2.98	
Basic from discontinued operations		_		_		(0.01)		_		(0.03)	
Basic earnings per share	\$	2.64	\$	1.70	\$	1.71	\$	4.34	\$	2.96	
Diluted from continuing operations		2.61		1.67		1.70		4.29		2.95	
Diluted from discontinued operations				_		(0.01)				0.03	
Diluted earnings per share	\$	2.61	\$	1.67	\$	1.69	\$	4.29	\$	2.93	
Shares used in computations:											
Basic		24,761		24,635		24,496		24,698		24,422	
Diluted		25,010		25,025	_	24,757		25,018	_	24,700	
					_				_		

(A) Stock-based compensation expense included in operating results is summarized below (all footnote amounts are unaudited, in thousands, except per share data):

Stock-based compensation expense		,	Three 1	Six Months Ended						
	March 31,		December 30,		April 1,		March 31,		Α	April 1,
	2018			2017 2017		2018		2017		
Cost of sales	\$	1,018	\$	988	\$	778	\$	2,006	\$	1,738
Research & development		872		668		597		1,540		1,650
Selling, general & administrative		6,520		5,420		5,308		11,940		12,950
Impact on income from operations	\$	8,410	\$	7,076	\$	6,683	\$	15,486	\$	16,338

For the quarters ended March 31, 2018, December 30, 2017 and April 1, 2017, the impact on net income, net of tax was \$7,235 (\$0.29 per diluted share), \$5,467 (\$0.22 per diluted share) and \$4,868 (\$0.20 per diluted share), respectively. For the six months ended March 31, 2018 and April 1, 2017, the impact on net income, net of tax was \$12,702 (\$0.51 per diluted share) and \$13,034 (\$0.53 per diluted share), respectively.

(B) Changes in deferred compensation plan liabilities are included in cost of sales and operating expenses while gains and losses on deferred compensation plan assets are included in other income (expense), net. Deferred compensation expense (benefit) included in operating results is summarized below:

Deferred compensation expense (benefit)		,	Three	Six Months Ended						
	March 31, 2018		December 30, 2017		April 1, 2017		March 31, 2018		April 1, 2017	
Cost of sales	\$	28	\$	78	\$	69	\$	106	\$	70
Research & development		128		359		308		487		333
Selling, general & administrative		602		1,627		1,430		2,229		1,368
Impact on income from operations	\$	758	\$	2,064	\$	1,807	\$	2,822	\$	1,771

For the quarters ended March 31, 2018, December 30, 2017 and April 1, 2017, the impact on other income (expense), net from gains or losses on deferred compensation plan assets was income of \$768, \$1,906 and \$1,812, respectively. For the six months ended March 31, 2018 and April 1, 2017, the impact on other income (expense) net from gains or losses on deferred compensation plan assets was income of \$2,674 and \$1,822, respectively.

- (C) For the six months ended April 1, 2017, the gain from business combination was \$5,416 (\$3,426 net of tax (\$0.14 per diluted share)).
- (D) For the quarters ended March 31, 2018, December 30, 2017 and April 1, 2017, the impact of amortization of intangibles expense was \$15,329 (\$10,931 net of tax (\$0.44 per diluted share)), \$15,100 (\$10,773 net of tax (\$0.43 per diluted share)) and \$16,763 (\$12,573 net of tax (\$0.51 per diluted share)), respectively. For the six months ended March 31, 2018 and April 1, 2017, the impact of amortization of intangible expense was \$30,429 (\$21,704 net of tax (\$0.87 per diluted share)) and \$28,851 (\$20,299 net of tax (\$0.82 per diluted share)), respectively.
- (E) For the quarter ended March 31, 2018 and April 1, 2017, the impact of inventory and favorable lease step-up costs related to acquisitions was \$411 (\$293 net of tax (\$0.01 per diluted share)) and \$13,019 (\$9,401 net of tax (\$0.38 per diluted share)). For six months ended March 31, 2018 and April 1, 2017, the impact of inventory and favorable lease step-up

- costs related to acquisitions was \$411 (\$293 net of tax (\$0.01 per diluted share)) and \$22,323 (\$15,870 net of tax (\$0.64 per diluted share)).
- (F) For the quarters ended March 31, 2018, December 30, 2017 and April 1, 2017, the impact of restructuring charges was \$726 (\$555 net of tax (\$0.02 per diluted share)), \$1,160 (\$850 net of tax (\$0.04 per diluted share)) and \$557 (\$378 net of tax (\$0.02 per diluted share)) respectively. For the six months ended March 31, 2018 and April 1, 2017, the impact of restructuring charges was \$1,886 (\$1,405 net of tax (\$0.05 per diluted share)) and \$7,619 (\$4,978 net of tax (\$0.20 per diluted share)).
- (G) For the quarters ended March 31, 2018 and April 1, 2017, the impact of costs related to acquisitions included \$400 (\$400 net of tax (\$0.01 per diluted share) and \$2,933 (\$2,664 net of tax (\$0.11 per diluted share)). For the six months ended March 31, 2018 and April 1, 2017, it included \$400 (\$400 net of tax (\$0.01 per diluted share)) and \$17,161 (\$17,156 net of tax (\$0.69 per diluted share)) of costs related to the acquisition of Rofin.
- **(H)** For the six months ended April 1, 2017, the gain on our hedge of the debt commitment and issuance of the debt was \$11,298 (\$7,147 net of tax (\$0.29 per diluted share)) and interest expense on the debt commitment was \$2,665 (\$1,844 net of tax (\$0.07 per diluted share)).
- (I) For the quarters ended March 31, 2018 and December 30, 2017, other impairment charges (recoveries) was a recovery of \$110 (\$110 net of tax (\$0.00 per diluted share)) and a charge of \$265 (\$265 net of tax (\$0.01 per diluted share)), respectively. For the six months ended March 31, 2018, other impairment charges (recoveries) was a charge of \$155 (\$155 net of tax (\$0.01 per diluted share)).
- (J) The six months ended March 31, 2018 and the quarter ended December 30, 2017 included \$41,745 (\$1.67 per diluted share) non-recurring tax expense due to the U.S. Tax Cuts and Jobs Act transition tax and deferred tax remeasurement. The quarter ended March 31, 2018 and December 30, 2017 included \$299 (\$0.01 per diluted share) and \$12,451 (\$0.50 per diluted share) tax benefit from the adoption of new rules for accounting for excess tax benefits and tax deficiencies for employee stock-based compensation. The six months ended March 31, 2018 included \$12,750 (\$0.51 per diluted share) tax benefit from the adoption of new rules for accounting for excess tax benefits and tax deficiencies for employee stock-based compensation.

Summarized balance sheet information is as follows (unaudited, in thousands):

	 March 31, 2018	September 30, 2017			
<u>ASSETS</u>					
Current assets:					
Cash, cash equivalents, restricted cash and short-term investments	\$ 347,258	\$	476,673		
Accounts receivable, net	312,938		305,668		
Inventories	492,686		414,807		
Prepaid expenses and other assets	85,446		70,268		
Assets held-for-sale	9,079		44,248		
Total current assets	1,247,407		1,311,664		
Property and equipment, net	307,330		278,850		
Other assets	781,848		747,286		
Total assets	\$ 2,336,585	\$	2,337,800		
LIABILITIES AND STOCKHOLDERS' EQUITY					
Current liabilities:					
Short-term borrowings	\$ 7,422	\$	5,078		
Accounts payable	93,309		75,860		
Other current liabilities	301,237		338,207		
Total current liabilities	 401,968		419,145		
Other long-term liabilities	644,936		755,391		
Total stockholders' equity	1,289,681		1,163,264		
Total liabilities and stockholders' equity	\$ 2,336,585	\$	2,337,800		

Reconciliation of GAAP to Non-GAAP net income (unaudited, in thousands (other than per share data), net of tax):

		T	hree N	Months Ende		Six Months Ended				
	M	arch 31,	Dec	ember 30,	April 1,	M	arch 31,	1	April 1,	
		2018		2017	2017		2018		2017	
GAAP net income from continuing operations	\$	65,302	\$	41,903	\$ 42,188	\$	107,205	\$	72,886	
Stock-based compensation expense		7,235		5,467	4,868		12,702		13,034	
Amortization of intangible assets		10,931		10,773	12,573		21,704		20,299	
Restructuring charges		555		850	378		1,405		4,978	
Gain on business combination		_		_	_		_		(3,426)	
Non-recurring tax expense (benefit)		_		41,745	_		41,745		_	
Tax benefit from stock-based compensation expense		(299)		(12,451)	_		(12,750)		_	
Interest expense on debt commitment		_		_	_		_		1,844	
Gain on hedge of debt and debt commitment		_		_	_		_		(7,147)	
Other impairment charges (recoveries)		(110)		265	_		155		_	
Acquisition-related costs		400		_	2,664		400		17,156	
Purchase accounting step-up		293		_	 9,401		293		15,870	
Non-GAAP net income	\$	84,307	\$	88,552	\$ 72,072	\$	172,859	\$	135,494	
Non-GAAP net income per diluted share	\$	3.37	\$	3.54	\$ 2.91	\$	6.91	\$	5.49	

RISKS AND UNCERTAINTIES

This press release contains forward-looking statements, as defined under the Federal securities laws. These forwardlooking statements include the statements in this press release that relate to the Company's fiscal 2018 outlook for its FPD business, the Company's FPD service business and the expectation for it to accelerate into the second half of this year and any future products directed towards the automotive and aerospace markets. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement. The Company and its business, including the aforementioned forward-looking statements, are subject to risks and uncertainties, including, but not limited to, risks associated with growth in demand for our products, customer acceptance and adoption of our products, the worldwide demand for flat panel displays and adoption of OLED for mobile displays, the demand for and use of our products in commercial applications, our ability to generate sufficient cash to fund capital spending or debt repayment, our successful implementation of our customer design wins, our and our customers' exposure to risks associated with worldwide economic conditions, our customers' ability to cancel long-term purchase orders, the ability of our customers to forecast their own end markets, our ability to accurately forecast future periods, continued timely availability of products and materials from our suppliers, our ability to timely ship our products and our customers' ability to accept such shipments, our ability to have our customers qualify our product offerings, worldwide government economic policies, our ability to integrate the business of Rofin and other acquisitions successfully, manage our expanded operations and achieve anticipated synergies, and other risks identified in the Company's SEC filings. Readers are encouraged to refer to the risk disclosures and critical accounting policies described in the Company's reports on Forms 10-K, 10-Q and 8-K, including the risks identified in today's financial press release, as applicable and as filed from time-to-time by the Company.

Founded in 1966, Coherent, Inc. is one of the world's leading providers of lasers, laser-based technologies and laser-based system solutions for scientific, commercial and industrial customers. Our common stock is listed on the Nasdaq Global Select Market and is part of the Russell 1000 and Standard & Poor's MidCap 400 Index. For more information about Coherent, visit the company's website at www.coherent.com for product and financial updates.

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