COHERENT INC

Form 4

November 12, 2014

FORM 4

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

OMB 3235-0287 Number:

OMB APPROVAL

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

0.5

Section 16. Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

burden hours per response...

Estimated average

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * AMBROSEO JOHN			2. Issuer Name and Ticker or Trading Symbol COHERENT INC [COHR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
P.O. BOX 54980			(Month/Day/Year) 11/08/2014	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Pres. and CEO		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
SANTA CLARA, CA 95056-0980			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	^(Zip) Tabl	e I - Non-D	Derivative S	Securi	ties Acqu	iired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4	sposed 4 and 5 (A)	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/08/2014		Code V M	Amount 5,667	or (D)	Price \$ 0	(Instr. 3 and 4) 160,367	I	Family Trust
Common Stock	11/08/2014		F	2,130 (1)	D	\$ 58.45	158,237	I	Family Trust
Common Stock	11/09/2014		M	17,280	A	\$ 0	175,517	I	Family Trust
Common Stock	11/09/2014		F	7,607 (1)	D	\$ 58.45	167,910	I	Family Trust

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securiti (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Restricted Stock Un	8.0	11/08/2014		M	5,667	11/08/2014	11/08/2014	Common Stock	5,60
Performa Restricted Stoch Un	ed \$0	11/09/2014		M	17,280	11/09/2014	11/09/2014	Common Stock	17,2 (2)

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
AMBROSEO JOHN							
P.O. BOX 54980	X		Pres. and CEO				
SANTA CLARA, CA 95056-0980							

Signatures

John Ambroseo 11/12/2014

**Signature of Person Date

Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents shares withheld to satisfy minimum tax withholding obligations for released restricted stock units.
- (2) 17280 shares received out of a possible 36000 target share payout. Derivatives beneficially owned total reduced by the 18720 shares not earned.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2