

COHERENT INC  
Form 4  
September 17, 2012

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
ROGERSON GARRY W

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)  
P. O. BOX 54980  
(Street)  
SANTA CLARA, CA 95056-0980

3. Date of Earliest Transaction (Month/Day/Year)  
09/14/2012

Director  10% Owner  
 Officer (give title below)  Other (specify below)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	09/14/2012		M		12,000	A	\$ 33.71
Common Stock	09/14/2012		M		6,000	A	\$ 15.21
Common Stock	09/14/2012		M		6,000	A	\$ 27.93
Common Stock	09/14/2012		M		6,000	A	\$ 35.01
Common Stock	09/14/2012		S		30,000 <u>(1)</u>	D	\$ 50

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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. Transaction Code (Instr. 8)	5. Number of Derivative 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 of Underlying Security (Instr. 3 and 4)	8. Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 33.71	09/14/2012		M	12,000	(2) 04/07/2015	Common Stock	12,000
Non-Qualified Stock Option (right to buy)	\$ 15.21	09/14/2012		M	6,000	(2) 03/11/2019	Common Stock	6,000
Non-Qualified Stock Option (right to buy)	\$ 27.93	09/14/2012		M	6,000	(2) 03/19/2018	Common Stock	6,000
Non-Qualified Stock Option (right to buy)	\$ 35.01	09/14/2012		M	6,000	(2) 03/30/2016	Common Stock	6,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ROGERSON GARRY W P. O. BOX 54980 SANTA CLARA, CA 95056-0980			X	

## Signatures

/s/ Bret DiMarco, Pursuant to Power of Attorney 09/17/2012

\_\_Signature of Reporting Person

Date

## 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) Sold Pursuant to a Rule 10b5-1 sales plan adopted on May 21, 2012.

(2) The shares subject to the option are fully vested and exercisable.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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