SOBEY MARK STEWART

Form 4

December 01, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

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0.5

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response...

Check this box if no longer subject to Section 16.

Form 4 or

Form 5 obligations may continue.

See Instruction

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(b).

1. Name and Address of Reporting Person * SOBEY MARK STEWART

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Last)

(First)

(Street)

(Middle)

3. Date of Earliest Transaction

COHERENT INC [COHR]

(Month/Day/Year) 11/29/2010

Director 10% Owner X_ Officer (give title Other (specify

(Check all applicable)

below) below) **EVP**

5100 PATRICK HENRY DRIVE

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

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting Person

SANTA CLARA, CA 95054

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (T) (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amount Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date** Underlying Securities Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4)

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| (Instr. 3) | Price of Derivative Security | | (Month/Day/Year) | (Instr. 8 | 8) | Acquired or Dispose (D) (Instr. 3, 4 and 5) | ed of | | | | |
|------------------------------------------|------------------------------------|------------|------------------|-----------|----|---------------------------------------------|-------|---------------------|--------------------|-----------------|---------------------------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amoun or Numbe of Shar |
| Restricted Stock Units | \$ 0 | 11/29/2010 | | A | | 7,000 | | <u>(1)</u> | 11/29/2013 | Common Stock | 7,000 |
| Performance Restricted Stock Units | \$ 0 | 11/29/2010 | | A | | 14,000 | | (2) | 12/15/2013 | Common Stock | 14,00 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|-------------------------------------------------------------------------|---------------|-----------|---------|-------|--|--|
| . 0 | Director | 10% Owner | Officer | Other | | |
| SOBEY MARK STEWART 5100 PATRICK HENRY DRIVE SANTA CLARA, CA 95054 | | | EVP | | | |

Signatures

/s/ Helene Simonet, Exec VP, CFO & Power of Attorney 12/01/2010

**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) This Restricted Stock Unit award vests over three years with one third of the grant vesting on each of the subsequent anniversaries of the grant.
- This Performance Restricted Stock Unit award vests over three years with up to one third of the grant vesting on December 15 of each year based on the relative performance of the underlying stock versus the Russell 2000 Index for the 30 trading days on and prior to November 29 of each year versus the same 30 trading day period for the preceding year.

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.

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