

THERMO FISHER SCIENTIFIC INC.
 Form 4
 June 11, 2013

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
 Pesicka Edward A

2. Issuer Name and Ticker or Trading Symbol
 THERMO FISHER SCIENTIFIC INC. [TMO]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 81 WYMAN STREET
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 06/07/2013

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Senior Vice President

WALTHAM, MA 02451

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	06/07/2013		M		62,200 A \$ 30.675	D	
Common Stock	06/07/2013		M		64,800 A \$ 32.3	D	
Common Stock	06/07/2013		M		15,980 A \$ 31.305	D	
Common Stock	06/07/2013		M		25,000 A \$ 58.4	D	
Common Stock	06/07/2013		S ⁽¹⁾		167,980 D \$ 85.28 ⁽²⁾	D	

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

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(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 Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 30.675	06/07/2013		M	62,200	<u>(3)</u> 03/07/2015	Common Stock	62,200
Stock Option (Right to Buy)	\$ 32.3	06/07/2013		M	64,800	<u>(3)</u> 07/25/2015	Common Stock	64,800
Stock Option (Right to Buy)	\$ 31.305	06/07/2013		M	15,980	<u>(3)</u> 12/19/2015	Common Stock	15,980
Stock Option (Right to Buy)	\$ 58.4	06/07/2013		M	25,000	<u>(4)</u> 07/10/2015	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Pesicka Edward A 81 WYMAN STREET WALTHAM, MA 02451			Senior Vice President	

Signatures

/s/ Barbara J. Lucas, Attorney-in-Fact for Edward A.
Pesicka

06/11/2013

__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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on May 7, 2013.
The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$84.80 to \$85.54, inclusive. The reporting person undertakes to provide to Thermo Fisher Scientific Inc. ("TMO"), any security holder of TMO
 - (2) or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
 - (3) Immediately.
 - (4) The option vested in three equal installments on July 10, 2009, 2010 and 2011.

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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