RAYTHEON CO/ Form 4 January 28, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

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

Check this box

if no longer

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

2. Issuer Name and Ticker or Trading

1(b).

Stock

Stock

Stock

Common

Common

01/26/2010

(Print or Type Responses)

1. Name and Address of Reporting Person *

See Instruction

GOGLIA RICHARD A Sy			HEON CO/ [RTN]	Issuer			
(Last)	(First) (1		of Earliest Transaction	(Check all applicable)			
870 WINT	ER STREET		Day/Year)	Director 10% OwnerX Officer (give title Other (specify below) Vice President and Treasurer			
	(Street)		endment, Date Original nth/Day/Year)	6. Individual or Joint/Group Filing(CheckApplicable Line)_X_ Form filed by One Reporting Person			
WALTHA	M, MA 02451			Form filed by More than One Reporting Person			
(City)	(State)	(Zip) Tabl	le I - Non-Derivative Securities A	cquired, Disposed of, or Beneficially Owned			
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Pri	Ownership Indirect Beneficially Form: Direct Beneficial Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) Transaction(s) (Instr. 3 and 4)			
Stock	01/26/2010		A $\frac{13,973}{(1)}$ A \$0	46,334 D			

5,150

F

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

41,184

 $2,736^{(2)}$

D

Ι

401(k)

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number.

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						`
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						Lacroisdoic	Dute		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
GOGLIA RICHARD A			Vice				
870 WINTER STREET			President and				
WALTHAM, MA 02451			Treasurer				

Signatures

Dana Ng,

Attorney-in-fact 01/28/2010

**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) Shares of the Issuer's Common Stock issued to the Reporting Person pursuant to the settlement of such person's award under the Issuer's 2007-2009 Long-Term Performance Plan.
- The Reporting Person indirectly beneficially owns 2,736 shares of the Issuer's Common Stock based on funds in the Reporting Person's

 (2) Savings and Investment Plan/Excess Savings Plan Account divided by \$53.47, the closing price of the Issuer's Common Stock on January 26, 2010.

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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