Whitmore Robert W Form 4 September 15, 2010

FORM 4

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

OMB Number: 3235-0287

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Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

0.5

OMB APPROVAL

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

1(b).

(Print or Type Responses)

(Ctata)

(7:m)

1. Name and Address of Reporting Person ** Whitmore Robert W	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)	Seagate Technology plc [STX] 3. Date of Earliest Transaction	(Check all applicable)		
920 DISC DRIVE, ATTN: STOCK PLAN ADMINISTRATION	(Month/Day/Year)	Director 10% Owner Soliton 10% Owner Soliton Other (specify below) below) EVP, Chief Technical Officer		
(Street)	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		
SCOTTS VALLEY, CA 95066		Form filed by More than One Reporting Person		

(City)	(State) (Zip	Table I	- Non-Deri	ivative Sec	urities .	Acqui	red, Disposed of,	or Beneficiall	y 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)	tion(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Performance Stock Shares	09/13/2010		A	16,000 (1)	D	\$ 0	93,860	D	
Performance Stock Units	09/13/2010		A	44,440 (2)	D	\$0	138,300	D	

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

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SEC 1474

(9-02)

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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. Number of	6. Date Exercisable and		7. Title and Amount	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionDerivative		Expiration Date	Underlying Securitie		
Security	or Exercise		any	Code	Securities	(Month/Day/Year)		(Instr. 3 and 4)	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A) or				
	Derivative				Disposed of (D)				
	Security				(Instr. 3, 4, and				
	·				5)				
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amous Numb Shares
NQ Stock Options	\$ 11.065	09/13/2010		A	100,000	09/13/2011(3)	09/13/2017	Common Shares	100,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

EVP, Chief Technical Officer

Whitmore Robert W 920 DISC DRIVE

ATTN: STOCK PLAN ADMINISTRATION

SCOTTS VALLEY, CA 95066

Signatures

/S/ Roberta S. Cohen for Robert W.

Whitmore 09/15/2010

**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).
- Consists of a grant of restricted stock shares awarded to the Reporting Person under the 2004 Stock Compensation Plan for no consideration. Each restricted stock share represents a contingent right to receive one share of Seagate common stock. Subject to the Reporting Person's Continuous Service with the Coompany, vested shares to be released to the reporting person on each of the first four anniversaries of the vesting commencement date of September 13, 2010.
 - Consists of a grant of performance stock units awarded to the Reporting Person under the 2004 Stock Compensation Plan for no consideration. Each performance stock unit represents a contingent right to receive one share of Seagate common stock. The vesting for these awards issued under the 2004 Stock Compensation Plan is subject to both continuous employment and specified performance
- (2) goals. The Award Agreement provides that performance units will vest after the end of a performance period, currently contemplated to be three years, subject to both the continued employment of the participant by the Company and the achievement of certain performance objectives established by the Board of Directors and set forth in the Award Agreement. The Board of Directors presently intends that the performance goals will be a three-year average return on invested capital goal and a relative total shareholder return percentile goal.
- Options granted to the Reporting Person under the 2004 Stock Compensation Plan are subject to a four-year vesting schedule. One quarter of the option shares vested on September 13, 2011. The remaining option shares are vesting proportionally each month over the 36 months following September 13, 2011.

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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