HOLOGIC INC Form 4

February 09, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> MUIR GLENN P			2. Issuer Name and Ticker or Trading Symbol HOLOGIC INC [HOLX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)			
35 CROSBY	DRIVE		(Month/Day/Year) 02/09/2005	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Executive VP & CFO			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
BEDFORD, MA 01730			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-Derivative Securities A	cquired, Disposed of, or Beneficially Owned			
1.000.1	0 T	D . 0. D	1 2 4 9 '4' A '	1.5.A			

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1.Title of Security	2. Transaction Date (Month/Day/Year)		3. Transactio	4. Securi on(A) or D		*	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any	Code	(D)			Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
							Reported	, , ,	Ì
					(A)		Transaction(s)		
					or		(Instr. 3 and 4)		
			Code V	Amount	(D)	Price	(======================================		
Common Stock	02/09/2005		M	2,320	A	\$ 8.25	51,128	D	
Common Stock (1)	02/09/2005		S	2,320	D	\$ 37	48,808	D	

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

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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 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. Transactic Code (Instr. 8)	5. Number one 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 Amour Underlying Securit (Instr. 3 and 4)	
						Date Exercisable	Expiration Date	Title	Amo or Num of

Code V (A)

M

(D)

2,320 06/28/1996 06/28/2005

Shar

2,3

Common

Stock

Reporting Owners

\$ 8.25

Reporting Owner Name / Address	Relationships

02/09/2005

Director 10% Owner Officer Other

MUIR GLENN P

Non-Qualified

Stock Option

35 CROSBY DRIVE X Executive VP & CFO

BEDFORD, MA 01730

Signatures

Glenn Muir 02/09/2005

**Signature of 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) These shares were made pursuant to a 10b5-1 plan adopted on August 5, 2004.

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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