HOLOGIC INC

Form 4

December 02, 2004

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

OMB APPROVAL

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January 31,

2005

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SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **MUIR GLENN P**

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

HOLOGIC INC [holx]

(Check all applicable)

(First) (Middle) (Last) 3. Date of Earliest Transaction

(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check

D

35 CROSBY DRIVE 12/01/2004

(Zip)

below) Executive VP and CFO

4. If Amendment, Date Original

Filed(Month/Day/Year) Applicable Line)

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

Person

BEDFORD, MA 01730

(City)

(City)	(State)	Zip) Table	e I - Non-Do	erivative Securities Acq	uired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any	3. Transactio	4. Securities Acquired on(A) or Disposed of (D)	5. Amount of Securities Beneficially	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial
(IIIStr. 3)		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)	Owned Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
				(A) or	Reported Transaction(s) (Instr. 3 and 4)		

Code Amount (D) Price Common 12/01/2004 M 1,000 41,808 D Stock 8.25

Common 12/01/2004 S \$ 25 40,808 1,000 D Stock (1)

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 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 proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		Underlyin	7. Title and Amour Underlying Securit (Instr. 3 and 4)	
						Date Exercisable	Expiration Date	Title	Amo or Num of	

Code V (A)

M

(D)

1,000 06/28/1996 06/28/2005

Shar

1,0

Common

Stock

Reporting Owners

\$ 8.25

Reporting Owner Name / Address	Relationships
Reporting Owner Name / Address	

12/01/2004

Director 10% Owner Officer Other

MUIR GLENN P

Non-Qualified

Stock Option

35 CROSBY DRIVE X Executive VP and CFO

BEDFORD, MA 01730

Signatures

Glenn Muir 12/02/2004

**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) These sales 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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