HOLOGIC INC Form 4 January 18, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number: 3235-0287

Expires: January 31, 2005

0.5

OMB APPROVAL

Estimated average burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

1(b).

may continue.

See Instruction

Check this box

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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **MUIR GLENN P** Issuer Symbol 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 35 CROSBY DRIVE 01/16/2008 below) Executive VP and CFO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting BEDFORD, MA 01730 Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Form: Direct Indirect (Instr. 3) Code (D) Beneficially (D) or Beneficial Indirect (I) Ownership (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 01/16/2008 A 20,000 Α \$0 183,789 D Stock (1)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

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

Edgar Filing: HOLOGIC INC - Form 4

Derivative Security	Conversion or Exercise	(Month/Day/Year)	Execution Date, if any	Transacti Code	onDerivative Securities	Expiration D (Month/Day)		Underlying S (Instr. 3 and	
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed or (D) (Instr. 3, 4, and 5)	, , , , , , , , , , , , , , , , , , ,		(msu. 5 and	
				Code V	(A) (D	Date Exercisable	Expiration Date	Title	Amour or Number of Shar
Nonqualified Stock Option	\$ 66.62	01/16/2008		A	70,000	(2)	01/16/2018	Common Stock	70,00

5. Number of

6. Date Exercisable and

7. Title and Amount

Reporting Owners

Reporting Owner Name / Address	Relationships						
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other			
MUIR GLENN P							
35 CROSBY DRIVE	X		Executive VP and CFO				
BEDFORD, MA 01730							

3. Transaction Date 3A. Deemed

Signatures

1. Title of

/s/ Frances S. Crecco, Attorney-in-Fact For: Glenn P.
Muir

**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 shares represent restricted stock units (RSUs) awarded to the Reporting Person pursuant to the Second Amended and Restated 1999 Equity Incentive Plan and are subject to vesting as provided in the agreement evidencing the award.
- (2) The option becomes exercisable in five equal annual installments beginning January 16, 2009.

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.

Reporting Owners 2