

HOLOGIC INC
Form 4/A
January 16, 2008

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *
SULLIVAN PATRICK J

(Last) (First) (Middle)
35 CROSBY DRIVE
(Street)

BEDFORD, MA 01730

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
HOLOGIC INC [HOLX]

3. Date of Earliest Transaction
(Month/Day/Year)
11/14/2007

4. If Amendment, Date Original Filed(Month/Day/Year)
11/16/2007

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
Executive Chairman

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock <u>(1)</u>	11/14/2007		M		23,339 A \$ 31.62	152,403	D
Common Stock <u>(2)</u>	11/14/2007		M		36,661 A \$ 31.82	189,064	D
Common Stock <u>(3)</u>	11/14/2007		S		60,000 D \$ 63.1245	129,064	D
Common Stock <u>(2)</u>	11/15/2007		M		60,000 A \$ 31.82	189,064	D
Common Stock <u>(3)</u>	11/15/2007		S		60,000 D \$ 64.2275	129,064	D

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- (2) Originally issued under Cytoc Corporation's 1995 Stock Plan in transactions exempt from Section 16 under 16b-3.
- (3) The sale reported on this Form 4 was made pursuant to a written trading plan adopted in accordance with SEC Rule 10b-5 on September 14, 2007.
- (4) Price not applicable to this transaction.

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