HOLOGIC INC Form 3 October 24, 2007

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

OMB APPROVAL

OMB Number:

3235-0104

Expires:

January 31, 2005

0.5

Estimated average burden hours per response...

INITIAL STATEMENT OF 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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement HOLOGIC INC [HOLX] A Doran Howard JR (Month/Day/Year) 10/23/2007 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 35 CROSBY DRIVE (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) Director 10% Owner _X_ Form filed by One Reporting _X__ Officer Other Person BEDFORD, MAÂ 01730 (give title below) (specify below) Form filed by More than One PRESIDENT, CYTYC Reporting Person DIAGNOSTICS (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 3. 4. Nature of Indirect Beneficial

1. Title of Security (Instr. 4)

Common Stock

Beneficially Owned (Instr. 4)

Ownership Form: Direct (D)

Ownership

or Indirect (I) (Instr. 5)

SEC 1473 (7-02)

(Instr. 5)

937

D Â

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

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

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

Amount or

Number of

4. 5. Conversion Ownership or Exercise Form of Price of Derivative

6. Nature of Indirect Beneficial

Ownership

(Instr. 5)

Date Exercisable Expiration Date

Title

Derivative Security

Security: Direct (D) or Indirect

1

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				Shares		(I) (Instr. 5)	
Nonqualified Stock Option	10/22/2007	11/20/2013	Common Stock	1,922	\$ 16.45	D	Â
Nonqualified Stock Option	10/22/2007	01/03/2015	Common Stock	5,705	\$ 34.54	D	Â
Incentive Stock Option	10/22/2007	01/03/2015	Common Stock	3,905	\$ 34.55	D	Â
Incentive Stock Option	10/22/2007	02/09/2015	Common Stock	1,922	\$ 31.62	D	Â
Nonqualified Stock Option	10/22/2007	02/09/2015	Common Stock	1,922	\$ 31.62	D	Â
Incentive Stock Option	10/22/2007	01/24/2016	Common Stock	3,171	\$ 36.92	D	Â
Nonqualified Stock Option	10/22/2007	01/24/2016	Common Stock	12,207	\$ 36.92	D	Â
Incentive Stock Option	10/22/2007	01/26/2017	Common Stock	1,922	\$ 36.6	D	Â
Nonqualified Stock Option	10/22/2007	01/26/2017	Common Stock	5,766	\$ 36.6	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
Doran Howard JR 35 CROSBY DRIVE BEDFORD, MA 01730	Â	Â	PRESIDENT, CYTYC DIAGNOSTICS	Â	

Signatures

/s/ Frances S. Crecco, Attorney-in-Fact For: Howard Doran, Jr.

**Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

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

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).