HOLOGIC INC Form 4

February 26, 2016

FORM 4

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

Check this box if no longer

subject to Section 16. Form 4 or Form 5

obligations may continue. See Instruction 1(b).

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)

250 CAMPUS DRIVE

(Last)

(City)

1. Name and Address of Reporting Person * LAVANCE DAVID R JR

(First)

2. Issuer Name and Ticker or Trading Symbol

HOLOGIC INC [HOLX]

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

02/24/2016

(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)

(Middle)

below) 6. Individual or Joint/Group Filing(Check

X_ Director

Officer (give title

Issuer

Applicable Line) _X_ Form filed by One Reporting Person

5. Relationship of Reporting Person(s) to

(Check all applicable)

10% Owner

Other (specify

OMB APPROVAL

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January 31,

2005

0.5

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Number:

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Form filed by More than One Reporting Person

MARLBOROUGH, MA 01752

(State)

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		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)	
Common Stock	02/24/2016		Code V M	Amount 11,621	(D)	Price \$ 26.74	20,983	D	
Common Stock	02/24/2016		S	11,621	D	\$ 34.5	9,362	D	

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4,		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Securi (Instr. 3 and 4)	
				Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amo or Nun of S
Non-qualified Stock Option (Right to Buy)	\$ 26.74	02/24/2016		M	11,621	01/01/2016	01/01/2025	Common Stock	11,

Reporting Owners

Reporting Owner Name / Address	Relationships
reporting owner runner rudaress	

Director 10% Owner Officer Other

LAVANCE DAVID R JR 250 CAMPUS DRIVE X MARLBOROUGH, MA 01752

Signatures

/s/ Anne M. Liddy, Attorney-In-Fact for David R. LaVance Jr.

**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).

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.

02/26/2016

Reporting Owners 2