### Edgar Filing: HOLOGIC INC - Form 4

HOLOGIC INC

Form 4 February 17,											
Check thi if no long	<b>4</b> UNITED S	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549								PROVAL 3235-0287 January 31 2005	
subject to Section 1 Form 4 or Form 5 obligation may cont	subject to Section 16.STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIESForm 4 or Form 5 obligations may continue.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						Estimated average burden hours per response 0.5				
(Print or Type F	Responses)										
1. Name and Address of Reporting Person <u>*</u> PECK WILLIAM A			<ol> <li>Issuer Name and Ticker or Trading Symbol</li> <li>HOLOGIC INC [HOLX]</li> <li>Date of Earliest Transaction (Month/Day/Year)</li> <li>02/16/2005</li> </ol>				ıg	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <u>-X</u> Director <u></u>			
(Last) (First) (Middle) 35 CROSBY DRIVE											
BEDFORD,	(Street) MA 01730			ndment, Da th/Day/Year	-	1		6. Individual or Jo Applicable Line) _X_ Form filed by O Form filed by M Person	-	rson	
(City)	(State)	(Zip)	Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)2. Transaction Date (Month/Day/Year)2A. Deemed Execution I any (Month/Day		n Date, if	Date, if Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) //Year) (Instr. 8) (A)			OwnedIndirect (I)OwFollowing(Instr. 4)(Instr. 4)ReportedTransaction(s)					
Common	02/16/2005			Code V M	Amount 3,000	or (D) A	Price \$ 5.75	(Instr. 3 and 4)	D		
Stock Common Stock	02/16/2005			M	3,000	A		6,000	D		
Common Stock	02/16/2005			S	6,000	D	\$ 36.37	0	D		

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

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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. Transactio Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Qualified Stock Option	\$ 5.3125	02/16/2005		М	3,000	07/01/2001	01/01/2011	Common Stock	3,0
Non-Qualified Stock Option	\$ 5.75	02/16/2005		М	3,000	07/01/2000	01/01/2010	Common Stock	3,0

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer Other				
PECK WILLIAM A							
35 CROSBY DRIVE	Х						
BEDFORD, MA 01730							
Signaturas							

### Signatures

William Peck02/17/2005\*\*Signature of<br/>Reporting PersonDate

## **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.