HOLOGIC INC Form 4 January 12, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB APPROVAL OMB

3235-0287 Number: January 31,

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

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

See Instruction 1(b).

Common

Common

Stock (1)

Stock

01/12/2005

01/12/2005

(Print or Type Responses)

1. Name and A STEIN JAY	Address of Reporting I	Person * 2. Issue Symbol	er Name and Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (M		GIC INC [HOLX] of Earliest Transaction	(Check all applicable)			
35 CROSB		, 5.24.0	Day/Year)	X Director 10% OwnerX Officer (give title Other (specify below) Chief Technology Officer			
	(Street)		endment, Date Original onth/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
BEDFORD	, MA 01730			Form filed by More than One Reporting Person			
(City)	(State)	(Zip) Tab	ole I - Non-Derivative Securitie	s 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)	(A) or Code V Amount (D) I				
Common Stock (1)	01/12/2005		S 2,000 D \$	5.25 209,077 D			

2,000

2,000

M

S

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

209,077

\$ 8.25 211,077

SEC 1474 (9-02)

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number.

5. Number

6. Date Exercisable and

7. Title and Amour

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

Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Expiration Date (Month/Day/Year)		Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Qualified Stock Option	\$ 8.25	01/12/2005		M	2,000	06/28/1996	06/28/2005	Common Stock	2,0

Reporting Owners

2.

Reporting Owner Name / Address			Relationships	
rg	Director	10% Owner	Officer	Other
STEIN JAY A 35 CROSBY DRIVE	X		Chief Technology Officer	
BEDFORD, MA 01730				

3. Transaction Date 3A. Deemed

Signatures

1. Title of

Jay Stein 01/12/2005

**Signature of 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 sales were made pursuant to a 10b5-1 plan adopted on August 5, 2004.

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.

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