CHART INDUSTRIES INC

Form 4

September 11, 2007

FORM 4

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

OMB Number:

3235-0287

0.5

Check this box if no longer

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

OMB APPROVAL

response...

Estimated average burden hours per

subject to Section 16. Form 4 or

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations may continue. See Instruction

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

Form 5

(Print or Type Responses)

| 1. Name and Address of Reporting Person * BIEHL MICHAEL F | | | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer | | |
|---|---------|----------|---|---|--|--|
| (Last) | (First) | (Middle) | CHART INDUSTRIES INC [GTLS] 3. Date of Earliest Transaction | (Check all applicable) | | |
| ONE INFINITY CORPORATE CENTRE DRIVE, SUITE 300 | | | (Month/Day/Year) 09/07/2007 | Director 10% OwnerX Officer (give title Other (specify below) Exec VP, CFO and Treasurer | | |
| (Street) | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line) | | |
| GARFIELD HEIGHTS, OH 44125 | | | | _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | |

| (City) | (State) (Z | Table Table | I - Non-Do | erivative S | Securi | ties Ac | quired, Disposed | of, or Beneficia | lly Owned |
|-----------------|---------------------|--------------------|------------|-----------------------------|---------|----------------|------------------|------------------|--------------|
| 1.Title of | 2. Transaction Date | 2A. Deemed | 3. | 4. Securi | ties | | 5. Amount of | 6. Ownership | 7. Nature of |
| Security | (Month/Day/Year) | Execution Date, if | Transactio | onAcquired | d (A) c | or | Securities | Form: Direct | Indirect |
| (Instr. 3) | | any | Code | Disposed | d of (D |)) | Beneficially | (D) or | Beneficial |
| | | (Month/Day/Year) | (Instr. 8) | str. 8) (Instr. 3, 4 and 5) | | 5) | Owned | Indirect (I) | Ownership |
| | | | | | | | Following | (Instr. 4) | (Instr. 4) |
| | | | | | (4) | | Reported | | |
| | | | | (A) or | | Transaction(s) | | | |
| | | | Code V | Amount | (D) | Price | (Instr. 3 and 4) | | |
| Common | 00/07/0007 | | 3.6 | 200 | | \$ | 16,000 | ъ | |
| Stock | 09/07/2007 | | M | 200 | A | 6.5 | 16,802 | D | |
| Common Stock | 09/07/2007 | | G | 200 | D | \$ 0 | 16,602 | 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. Transactic 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 Amount of Underlying Securities (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) |
|---|---|---|---|--|---|--|--------------------|---|--|--|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Stock Options (Right to Buy) | \$ 6.5 | 09/07/2007 | | M | 200 | <u>(1)</u> | <u>(1)</u> | Common Stock | 200 | \$ 0 |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BIEHL MICHAEL F ONE INFINITY CORPORATE CENTRE DRIVE SUITE 300 GARFIELD HEIGHTS, OH 44125

Exec VP, CFO and Treasurer

Signatures

/s/ Michael F. Biehl, by Arthur C. Hall III, his attorney-in-fact pursuant to Power of Attorney dated June 30, 2006 on file with the Commission

09/11/2007

**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).
- (1) These options were granted on November 23, 2005 pursuant to the terms of the Chart Industries Inc. Amended and Restated 2005 Stock Incentive Plan. The options vest annually in equal installments over five years based on continued service.

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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