THOMAS SAMUEL F

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 4

January 05, 2011

FORM 4

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

2. Issuer Name and Ticker or Trading

OMB APPROVAL OMB 3235-0287

Number:

January 31,

2005

0.5

Expires: Estimated average

burden hours per

response...

5. Relationship of Reporting Person(s) to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

THOMAS SAMUEL F		Symbol						Issuer				
			CHART INDUSTRIES INC [GTLS]						(Check all applicable)			
(Last) (First) (Middle) ONE INFINITY CORPORATE CENTRE DRIVE			3. Date of Earliest Transaction (Month/Day/Year) 12/22/2010						_X_ Director 10% Owner _X_ Officer (give title Other (specify below)			
GARFIELD	4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(State)	(Zip)	Table	e I - Noi	n-De	erivative S	ecurit	ies Acc	quired, Disposed (of, or Beneficial	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	ar) Execution		3.	actio		ies Ac sposed	quired of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
Common Stock, par value \$0.01 per share (1)									130,000	I	By spouse	
Common Stock, par value \$0.01 per share	12/22/2010			G	V	710	D	\$0	148,555	D		
Common Stock, par value \$0.01 per share	12/22/2010			G	V	710	A	\$0	20,710	I	By Trust	

Edgar Filing: THOMAS SAMUEL F - Form 4

Common Stock, par value \$0.01 per share	12/22/2010	G	V	385	D	\$ 0	148,170	D
Common Stock, par value \$0.01 per share	12/22/2010	G	V	385	D	\$ 0	147,785	D
Common Stock, par value \$0.01 per share	12/22/2010	G	V	385	D	\$ 0	147,400	D
Common Stock, par value \$0.01 per share (3)	01/03/2011	A		12,990	A	\$ 0	160,390 (4)	D

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 number.

SEC 1474

(9-02)

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 of or 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy) (1)	\$ 6.5					<u>(5)</u>	11/23/2015	Common Stock	237,388
Stock Option (Right to Buy) (1)	\$ 6.5					06/12/2007	11/23/2015	Common Stock	356,876
Stock Option (Right to Buy) (1)	\$ 27.74					<u>(7)</u>	08/02/2017	Common Stock	18,300

Edgar Filing: THOMAS SAMUEL F - Form 4

Stock Option (Right to Buy) (1)	\$ 30.95				<u>(8)</u>	01/02/2018	Common Stock	18,950
Stock Option (Right to Buy) (1)	\$ 11				<u>(9)</u>	01/02/2019	Common stock	50,000
Stock Option (Right to Buy) (1)	\$ 17.03				(10)	01/04/2020	Common Stock	47,170
Stock Option (Right to Buy) (11)	\$ 36.45	01/03/2011	A	33,070	<u>(11)</u>	01/03/2011	Common Stock	33,070

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
THOMAS SAMUEL F							
ONE INFINITY CORPORATE CENTRE DRIVE	X		Chairman, CEO and President				
GARFIELD HEIGHTS, OH 44125							

Signatures

/s/ Samuel F. Thomas, by Matthew J. Klaben, his attorney-in-fact pursuant to Power of Attorney dated June 29, 2006 on file with the Commission

01/05/2011

**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) No transaction is being reported on this line. Reported on a previously filed Form 4 or Form 5.
- Held by trust for the benefit of the reporting person's daughter. The reporting person disclaims beneficial ownership of the shares held by the trust, and this report should not be deemed an admission that the reporting person is the beneficial owner of the trust's shares for purposes of Section 16 or for any other purpose.
- These securities were granted on January 3, 2011 pursuant to a restricted stock award agreement under the Chart Industries, Inc. 2009

 (3) Omnibus Equity Plan in an exempt transaction under Rule 16b-3. The restricted stock awards vest in equal installments on each of the first three anniversaries of the date of grant.
- 43,420 and 12,990 shares of the total amount beneficially owned were granted on February 22, 2010 and January 3, 2011, respectively,
 pursuant to restricted stock award agreements under the Chart Industries, Inc. 2009 Omnibus Equity Plan in an exempt transaction under Rule 16b-3. The restricted stock awards vest in equal installments on each of the first three anniversaries of the date of grant.
- These options were granted on November 23, 2005 pursuant to the terms of the Chart Industries, Inc. Amended and Restated 2005 Stock (5) Incentive Plan in an exempt transaction under Rule 16b-3. The options vest annually from the date of grant in equal installments over five years based on continued service.

Reporting Owners 3

Edgar Filing: THOMAS SAMUEL F - Form 4

- These options were granted on November 23, 2005 as performance options under the Chart Industries, Inc. Amended and Restated 2005 Stock Incentive Plan in an exempt transaction under Rule 16b-3 and became fully vested on June 12, 2007.
- These options were granted on August 2, 2007 pursuant to the Chart Industries, Inc. Amended and Restated 2005 Stock Incentive Plan in an exempt transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.
- These options were granted on January 2, 2008 pursuant to the Chart Industries, Inc. Amended and Restated 2005 Stock Incentive Plan in an exempt transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.
- These options were granted on January 2, 2009 pursuant to the Chart Industries, Inc. Amended and Restated 2005 Stock Incentive Plan in an exempt transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.
- These options were granted on January 4, 2010 pursuant to the Chart Industries, Inc. 2009 Omnibus Equity Plan in an exempt (10) transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.
- These options were granted on January 3, 2011 pursuant to the Chart Industries, Inc. 2009 Omnibus Equity Plan in an exempt (11) transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.

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.