LUMINEX CORP Form 4/A May 16, 2008

FORM 4

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB**

Washington, D.C. 20549

3235-0287 Number:

January 31,

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if no longer subject to Section 16. Form 4 or

Check this box

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

Expires: 2005 Estimated average

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

burden hours per response...

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Gosch Gregory J

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

(Last)

(First) (Middle) 3. Date of Earliest Transaction

LUMINEX CORP [LMNX]

Director

10% Owner

LUMINEX CORPORATION, 12212 05/01/2008

X_ Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

(Check all applicable)

TECHNOLOGY BLVD

(Street)

(Month/Day/Year)

VP, Bioscience Group

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

05/15/2008

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

AUSTIN, TX 78727

(City)

(State) (Zip) Table I - Non-Derivative Securities 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)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		f	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D) P		Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
COMMON STOCK (1)	05/01/2008(2)		S	1,895	D \$	5 20	32,716	D	
COMMON STOCK (1)	05/13/2008		A	11,775	A \$	60	44,491	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 proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab 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	Amou or Numb of Shares
STOCK OPTION (RIGHT TO BUY) (1)	\$ 20.7	05/13/2008		A	6,542	05/13/2009(3)	05/13/2018	COMMON STOCK	6,54

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Gosch Gregory J

LUMINEX CORPORATION
12212 TECHNOLOGY BLVD

VP, Bioscience Group

AUSTIN, TX 78727

Signatures

/S/ GREGORY J. 05/16/2008 GOSCH

**Signature of Reporting 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) There were no changes to the previously reported transactions. See footnote 2 for explanation for amendment.
- (2) This form is being amended to correct the date of the earliest transaction reported.
- (3) Options vest in three equal increments on anniversary dates 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.

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