LUMINEX CORP Form 4 March 15, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

January 31, Expires: 2005

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

Estimated average burden hours per response... 0.5

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 See Instruction

1(b).

(Print or Type Responses)

Gosch Gregory J			2. Issuer Name and Ticker or Trading Symbol LUMINEX CORP [LMNX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	Director 10% Owner		
LUMINEX CORPORATION, 12212			03/11/2010	_X_ Officer (give title Other (specify below)		
TECHNOLOGY BLVD				VP, Bioscience Group		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
				X Form filed by One Reporting Person		
ALISTIN TX 78727				Form filed by More than One Reporting		

AUSTIN, TX 78727

(State)

(City)

(City)	(State) (Z.	Table	I - Non-De	rivative Se	ecuriti	es Acqui	red, Disposed of,	or Beneficiall	y 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. Securit on(A) or Dis (Instr. 3, 4	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
COMMON STOCK	03/11/2010		A	10,574	A	\$0	59,021	D		
COMMON STOCK	03/11/2010		F	632	D	\$ 16.55	58,389	D		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Person

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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. Transaction 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 Am Underlying Sec (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Shares
STOCK OPTION (RIGHT TO BUY)	\$ 16.55	03/11/2010		A	8,012	03/11/2011(1)	03/11/2020	COMMON STOCK	8,01

Reporting Owners

Penerting 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/ HARRISS T. CURRIE, AS ATTORNEY-IN-FACT FOR GREGORY J. GOSCH

03/15/2010

**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) 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.

Reporting Owners 2