LUMINEX CORP Form 4 April 11, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

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response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1 Name and Address of Departing De

| MARFIN RANDEL S | | | Symbol LUMINEX CORP [LMNX] | | | | | Issuer (Check all applicable) | | | |
|--------------------------------------|-------------------------------------|--------------------|--------------------------------|--|--------------------------------|-------|----------------|--|--|---|--|
| (Last) 12212 TEC | (First) | (Middle) | 3. Date of (Month/D 04/05/20 | • | nnsaction | | | DirectorX Officer (give below) | 10% | Owner or (specify | |
| AUSTIN, T | (Street) | | | ndment, Dat th/Day/Year) | U | 1 | | 6. Individual or Jo Applicable Line) _X_ Form filed by N Person | | rson | |
| (City) | (State) | (Zip) | Table | e I - Non-D | erivative | Secur | ities Acq | uired, Disposed of | f, or Beneficial | ly Owned | |
| 1.Title of Security (Instr. 3) | 2. Transaction Da (Month/Day/Yea | r) Executio any | ned n Date, if Day/Year) | 3. Transactio Code (Instr. 8) | 4. Securin(A) or Di (Instr. 3, | spose | d of (D) 5) | 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 | 04/05/2007 | | | F | 548 | D | \$ 14.09 | 38,300 | 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.

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

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| 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. onNumber of Derivative Securities Acquired (A) or Disposed of (D) | | ate | 7. Title a Amount of Underlying Securities (Instr. 3 a | of ng s | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr |
|---|---|---|---|--|---|---------------------|--------------------|--|---------------|---|---|
| | | | | Code V | (Instr. 3, 4, and 5) (A) (D) | Date Exercisable | Expiration Date | or Title Nu of | umber | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MARFIN RANDEL S 12212 TECHNOLOGY BLVD. AUSTIN, TX 78727

VP, Luminex Bioscience Group

Signatures

/S/ RANDEL S. 04/11/2007 MARFIN

**Signature of Reporting Date
Person

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).

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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