LUMINEX CORP Form SC 13G/A February 11, 2002

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

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SCHEDULE 13G/A

Amendment No. 1

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Information to be included in statements filed pursuant to Rules 13d-1(b), (c) and (d) and amendments thereto filed pursuant to Rule 13d-2(b)

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LUMINEX CORPORATION (Name of Issuer)

Common Stock (Title of Class of Securities)

55027E 10 2 (Cusip Number)

December 31, 2001 (Date of Event Which Requires Filing of this Statement)

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Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[ ] Rule 13d-1(b)

[ ] Rule 13d-1(c)

[X] Rule 13d-1(d)

The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the

Notes).

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CUSIP No. 55027E 10 2 SCHEDULE 13G (cover page continued)

1. NAME OF REPORTING PERSON

Van S. Chandler

S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*

(A) [ ] (B) [ ]

- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5. SOLE VOTING POWER

1,397,121

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH

6. SHARED VOTING POWER

414,220

REPORTING PERSON

7. SOLE DISPOSITIVE POWER

1,397,121

8. SHARED DISPOSITIVE POWER

414,220

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,811,341

- 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* []
- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

6.3 %

12. TYPE OF REPORTING PERSON

ΙN

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ITEM 1(A).	NAME OF ISSUER: Luminex Corporation
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:
	12212 Technology Blvd., Austin, Texas 78727
ITEM 2(A).	NAME OF PERSON FILING: Van S. Chandler
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:
	12212 Technology Blvd., Austin, Texas 78727
ITEM 2(C).	CITIZENSHIP: United States (Texas)
ITEM 2(D).	TITLE OF CLASS OR SECURITIES: Common Stock, \$0.001 par value
ITEM 2(E).	CUSIP NUMBER: 55027E 10 2
ITEM 3.	IF THIS STATEMENT IS FILED PURSUANT TO RULE 13D-1(B) OR 13D-2(B),
	(A) [ ] BROKER OR DEALER REGISTERED UNDER THE ACT
	(B) [ ] BANK AS DEFINED IN SECTION 3 (A) (6) OF THE ACT
	(C) [ ] INSURANCE COMPANY AS DEFINED IN SECTION 3 (A) (19) OF THE ACT
	(D) [ ] INVESTMENT COMPANY REGISTERED UNDER SECTION 8 OF THE INVESTMENT COMPANY ACT
	(E) [ ] INVESTMENT ADVISER REGISTERED UNDER SECTION 203 OF THE INVESTMENT ADVISERS ACT OF 1940
	(F) [ ] EMPLOYEE BENEFIT PLAN, PENSION FUND WHICH IS SUBJECT TO THE PROVISIONS OF THE EMPLOYEE RETIREMENT INCOME SECURITY ACT OF 1974 OR ENDOWMENT FUND; SEE SECTION 240.13D- (B) (1) (II) (F)
	(G) [ ] PARENT HOLDING COMPANY, IN ACCORDANCE WITH SECTION 240.13D-1 (B) (II) (G); SEE ITEM 7
	(H) [ ] GROUP, IN ACCORDANCE WITH SECTION 240.13D-1 (B) (1) (II) (H)
ITEM 4.	OWNERSHIP:
	(A) AMOUNT BENEFICIALLY OWNED: 1,811,341 shares of which 1,153,820 are directly owned, 243,301 shares are currently held in a trust for his daughter's benefit of which Mr. Chandler is Trustee, 250,000 shares are held in a foundation of which Mr. Chandler is a trustee and 164,220 shares of

Common Stock subject to vested and immediately exercisable

stock options.

(B) PERCENT OF CLASS: 6.3 %

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- (C) NUMBER OF SHARES AS TO WHICH SUCH PERSON HAS:
  - (I) SOLE POWER TO VOTE OR TO DIRECT THE VOTE:

1,397,121

(II) SHARED POWER TO VOTE OR TO DIRECT THE VOTE:

414,220

(III) SOLE POWER TO DISPOSE OR TO DIRECT THE DISPOSITION  $\quad$  OF:

1,397,121

(IV) SHARED POWER TO DISPOSE OR TO DIRECT THE DISPOSITION OF:

414,220

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

IF THIS STATEMENT IS BEING FILED TO REPORT THE FACT THAT AS OF THE DATE HEREOF THE REPORTING PERSON HAS CEASED TO BE THE BENEFICIAL OWNER OF MORE THAN FIVE PERCENT OF THE CLASS OF SECURITIES, CHECK THE FOLLOWING [ ].

Not applicable.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Not applicable.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP.

Not applicable.

ITEM 10. CERTIFICATION.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

/s/ Van S. Chandler

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Van S. Chandler

Date: 7 February 2002

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