

NOVA MEASURING INSTRUMENTS LTD

Form 3

January 10, 2006

**FORM 3**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB  
Number: 3235-0104Expires: January 31,  
2005Estimated average  
burden hours per  
response... 0.5**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF  
SECURITIES**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

(Print or Type Responses)

1. Name and Address of Reporting  
Person \*Â MARXE AUSTIN W &  
GREENHOUSE DAVID M

(Last) (First) (Middle)

2. Date of Event Requiring  
Statement(Month/Day/Year)  
12/31/20053. Issuer Name **and** Ticker or Trading Symbol

NOVA MEASURING INSTRUMENTS LTD [NVMI]

4. Relationship of Reporting  
Person(s) to Issuer5. If Amendment, Date Original  
Filed(Month/Day/Year)

(Check all applicable)

\_\_\_\_ Director \_\_\_\_X\_\_\_\_ 10% Owner  
\_\_\_\_ Officer \_\_\_\_ Other  
(give title below) (specify below)6. Individual or Joint/Group  
Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting  
Person  
\_\_\_\_ Form filed by More than One  
Reporting PersonC/O SPECIAL SITUATIONS  
FUNDS,Â 527 MADISON  
AVENUE, SUITE 2600

(Street)

NEW YORK,Â NYÂ 10022

(City) (State) (Zip)

**Table I - Non-Derivative Securities Beneficially Owned**1. Title of Security  
(Instr. 4)2. Amount of Securities  
Beneficially Owned  
(Instr. 4)3. Ownership  
Form:  
Direct (D)  
or Indirect  
(I)  
(Instr. 5)4. Nature of Indirect Beneficial  
Ownership  
(Instr. 5)

Common Stock

2,258,590 <sup>(1)</sup>I <sup>(1)</sup>By Limited Partnerships <sup>(1)</sup>Reminder: Report on a separate line for each class of securities beneficially  
owned directly or indirectly.

SEC 1473 (7-02)

**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.****Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**1. Title of Derivative Security  
(Instr. 4)2. Date Exercisable and  
Expiration Date  
(Month/Day/Year)3. Title and Amount of  
Securities Underlying  
Derivative Security4. Conversion  
or Exercise5. Ownership  
Form of6. Nature of Indirect  
Beneficial Ownership  
(Instr. 5)

Date Exercisable	Expiration Date	Title (Instr. 4)	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

MARXE AUSTIN W & GREENHOUSE DAVID M  
C/O SPECIAL SITUATIONS FUNDS  
527 MADISON AVENUE, SUITE 2600  
NEW YORK, NY 10022

^ ^ X ^ ^

## Signatures

Austin W.  
Marxe 01/10/2006

\_\_Signature of Date  
Reporting Person

David M.  
Greenhouse 01/10/2006

\_\_Signature of Date  
Reporting Person

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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) This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cayman), Special Situations Technology Fund, L.P. (Tech) and Special Situations Technology II, L.P. (Tech II), respectively. 1,246,312 shares of Common Stock are held by QP, 536,778 shares of Common Stock are held by Cayman, 77,631 shares of Common Stock are held by Tech and 397,869 shares of Common Stock are held by Tech II. The interest of Marxe and Greenhouse in the shares of Common Stock owned by QP, Cayman, Tech and Tech II is limited to the extent of his pecuniary interest.

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.