

NOVA MEASURING INSTRUMENTS LTD
Form 6-K
October 18, 2006

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of 1934

Date of Report: October 18, 2006
Commission File No.: 000-30688

NOVA MEASURING INSTRUMENTS LTD.

Building 22 Weitzmann Science Park, Rehovoth
P.O.B 266
Israel

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark whether the registrant is submitting this Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ____

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with 12g3-2(b):N/A.

Attached hereto and incorporated by reference herein is the Registrant's notice of 2006 Third Quarter Results Release Date and of a Conference Call to discuss those results.

Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Nova Measuring Instruments Ltd.
(the "Registrant")

Date: October 18, 2006

NOVA MEASURING INSTRUMENTS LTD.

By: /s/ Dror David

Dror David
Chief Financial Officer

Company Contact:

Dror David, Chief Financial Officer
Nova Measuring Instruments Ltd.
Tel: 972-8-938-7505
E-mail: info@nova.co.il
<http://www.nova.co.il>

Investor relations Contacts:

Ehud Helft / Kenny Green
GK Investor Relations
Tel: +1-866-704-6710
E-mail: Ehud@gkir.com
Kenny@gkir.com

**NOVA MEASURING INSTRUMENTS
2006 THIRD QUARTER RESULTS RELEASE**

Conference Call Scheduled for November 6th, 2006 at 10am EST

REHOVOTH, Israel October 18, 2006 Nova Measuring Instruments Ltd. (NASDAQ: NVMI), a worldwide leader in the development, design and production of integrated process control systems in the semiconductor manufacturing industry, announced that it will release its third quarter 2006 results on November 6th, 2006 before the US markets open. It will also host a conference call to discuss those results on November 6th, 2006, at 10:00 am EST.

On the call, Mr. Gabi Seligsohn, President & CEO, and Mr. Dror David, CFO, will review and discuss the third quarter results and other business developments, and will be available to answer questions.

To participate, please call one of the following teleconferencing numbers. Please begin by placing your calls 5 minutes before the conference call commences. If you are unable to connect using the toll-free numbers, please try the international dial-in number.

U.S. Dial-in Numbers: 1-866-652-8972
U.K. Dial-in Number: 0-800-917-9141
ISRAEL Dial-in Number: 03-918-0687
INTERNATIONAL Dial-in Number: +972-3-918-0687

At:

10:00 a.m. Eastern Time

7:00 a.m. Pacific Time

5:00 p.m. Israeli Time

For those unable to participate in the conference call, there will be a replay available the day following the call on Nova's website at www.nova.co.il.

About Nova

Nova Measuring Instruments Ltd. develops, designs and produces integrated process control systems for the semiconductor manufacturing industry. Nova provides a broad range of integrated process control solutions that link between different semiconductor processes and process equipment. The Company's web site is www.nova.co.il.
