

NOVA MEASURING INSTRUMENTS LTD  
Form 6-K  
March 31, 2014

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16 OF  
THE SECURITIES EXCHANGE ACT OF 1934

March 31, 2014

Commission File No.: 000-30688

NOVA MEASURING INSTRUMENTS LTD.  
(Translation of registrant's name into English)

Building 22 Weizmann Science Park, Rehovot  
P.O.B 266  
Israel

(Address of principal executive offices)

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 if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Attached hereto and incorporated by way of reference herein is a press release issued by the Registrant and entitled: "Nova Measuring Instruments to Report First Quarter 2014 Results on April 30, 2014".

#### 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.  
(Registrant)

Date: March 31, 2014

By: /s/ Dror David  
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Dror David  
Chief Financial Officer

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Company Contact:  
Dror David, Chief Financial Officer  
Nova Measuring Instruments Ltd.  
Tel: +972-73-229-5833  
E-mail: [info@novameasuring.com](mailto:info@novameasuring.com)  
[www.novameasuring.com](http://www.novameasuring.com)

Investor Relations Contacts:  
Hayden/ MS-IR LLC  
Miri Segal  
Tel: +917-607-8654  
E-mail: [msegal@ms-ir.com](mailto:msegal@ms-ir.com)  
Or  
David Fore  
Tel: +206-395-2711  
E-mail: [dave@haydenir.com](mailto:dave@haydenir.com)

Nova Measuring Instruments to Report  
First Quarter 2014 Results on April 30, 2014

Conference call to be held at 8:30am Eastern Time

Rehovot, Israel – March 31, 2014 - Nova Measuring Instruments Ltd. (Nasdaq: NVMI), provider of leading edge stand alone metrology and the market leader of integrated metrology solutions to the semiconductor process control market, announced today that it will release its results for the first quarter of 2014 before the market opens on April 30, 2014.

Mr. Eitan Oppenheim, President and Chief Executive Officer and Mr. Dror David, Chief Financial Officer, will host a conference call later that same day, April 30, 2014, at 8:30 a.m. Eastern Time, to discuss the financial results, market trends and future outlook.

To attend the conference call, please dial 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 Number: 1-877-941-1427  
ISRAEL Dial-in Number: 1809-21-4368  
INTERNATIONAL Dial-in Number: 1-480-629-9664

At:

8:30 a.m. Eastern Time

5:30 a.m. Pacific Time

3:30 p.m. Israeli Time

Investors may access a live webcast of the call on Nova's website at <http://ir.novameasuring.com>.

For those unable to participate in the conference call, there will be a replay available from a link on Nova's website at <http://ir.novameasuring.com>.

About Nova: Nova Measuring Instruments Ltd. develops, produces and markets advanced integrated and stand alone metrology solutions for the semiconductor manufacturing industry. Nova is traded on the NASDAQ & TASE under the symbol NVMI. The Company's website is: [www.novameasuring.com](http://www.novameasuring.com)

