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Company Press Release

**Nova Measuring Instruments to Report
Fourth Quarter & Full Year 2014 Results on February 18, 2015**

Results to be released after market close
and conference call to be held at 4:30 p.m. Eastern Time

REHOVOT, Israel, January 20, 2015 - Nova Measuring Instruments (Nasdaq: NVMI), a leading innovator and a key provider of optical metrology solutions for advanced process control used in semiconductor manufacturing, today announced that it will release its results for the fourth quarter and full year 2014 after the NASDAQ market closes on February 18, 2015.

Mr. Eitan Oppenheim, President and Chief Executive Officer and Mr. Dror David, Chief Financial Officer, will host a conference call later that same day, February 18, 2015, at 4:30 p.m. Eastern Time, to discuss the financial results and future outlook.

To attend the conference call, please dial one of the following teleconferencing numbers. Please begin by placing your call five 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: 1-888-812-8535
ISRAEL Dial-in Number: 1809-24-6064
INTERNATIONAL Dial-in Number: 1-913-312-6664

At:
4:30 p.m. Eastern Time
1:30 p.m. Pacific Time
11:30 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 Instrument Ltd. delivers continuous innovation by providing advanced optical metrology solutions for the semiconductor manufacturing industry. Deployed with the world's largest integrated-circuit manufacturers, Nova's products deliver state-of-the-art, high-performance metrology solutions for effective process control throughout the semiconductor fabrication lifecycle. Nova's product portfolio, which combines high-precision hardware and cutting-edge software, supports the development and production of the most advanced devices in today's high-end semiconductor market. Nova's technical innovation and market leadership enable customers to improve process performance, enhance products' yields and accelerate time to market. Nova acts as a partner to semiconductor manufacturers from its offices around the world. Additional information may be found at www.novameasuring.com.

Nova is traded on the NASDAQ & TASE under the symbol NVMI.