NOVA MEASURING INSTRUMENTS LTD Form 6-K May 05, 2008

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: May 5, 2008 Commission File No.: 000-30688

NOVA MEASURING INSTRUMENTS LTD.

Building 22 Weizmann Science Park, Rehovot 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 x Form 40-F o

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 o No x

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 way of reference herein is a press release issued by the Registrant on, and dated, May 5, 2008, and entitled Nova Announces 2008 First Quarter Results .

This report on Form 6-K is hereby incorporated by reference into Nova Measuring Instruments Ltd. s registration statements on Form S-8, filed with the Securities and Exchange Commission on the following dates: September 13, 2000 (File No. 333-12546); March 5, 2002 (File No. 333-83734); December 24, 2002 (File No. 333-102193, as amended by Amendment No. 1, filed on January 5, 2006); March 24, 2003 (File No. 333-103981); May 17, 2004 (three files, File Nos. 333-115554, 333-115555, and 333-115556, as amended by Amendment No. 1, filed on January 5, 2006); March 7, 2005 (File No. 333-123158); December 29, 2005 (File No. 333-130745); September 21, 2006 (File No. 333-137491); and November 5, 2007 (File No. 333-147140) and into Nova Measuring Instruments Ltd. s registration statement on Form F-3, filed with the Securities and Exchange Commission on May 11, 2007 (File No. 333-142834).

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")

By: /s/ Dror David

Dror David Chief Financial Officer

Date: May 5, 2008

Company Contact:

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

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Company Press Release

NOVA ANNOUNCES 2008 FIRST QUARTER RESULTS

Rehovot, Israel May 5, 2008 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, today reported its 2008 first quarter financial results.

Highlights for the first quarter of 2008

Revenues of \$12.8 million

Gross margin of 40%

Non-GAAP net income of \$0.2 million, or \$0.01 per diluted share; Breakeven GAAP net income reflect effective cost control initiatives

2008 First Quarter Results

Total revenues for the first quarter of 2008 were \$12.8 million, a decrease of 4% relative to the first quarter of 2007, and a decrease of 20% relative to the fourth quarter of 2007.

Gross margin for the first quarter of 2008 was 40%, compared with 44% for the first quarter of 2007, and compared with 43% for the fourth quarter of 2007.

Operating expenses in the first quarter of 2008 decreased to \$5.3 million, compared with \$6.6 million in the first quarter of 2007, and \$6.3 million in the fourth quarter of 2007.

On a GAAP basis, the company reported breakeven net results in the first quarter of 2008, as compared to a net loss of \$0.6 million, or \$0.04 per share, for the first quarter of 2007, and a net loss of \$0.7 million, or \$0.04 per share, for the fourth quarter of 2007.

On a non-GAAP basis, the company reported net income of \$0.2 million, or \$0.01 per diluted share, for the first quarter of 2008. This compares with a non-GAAP net loss of \$0.3 million, or \$0.04 per share, in the first quarter of 2007, and a non-GAAP net income of \$1 million, or \$0.05 per diluted share, in the fourth quarter of 2007.

The company used \$1.9 million in cash flow for operating activities during the first quarter of 2008.

Management Comments

While our industry is experiencing a steeper decline in 2008 than had originally been expected, we are pleased that our Q1 revenues were down only marginally from the first quarter a year ago, commented Gabi Seligsohn, President & CEO. Most significantly, we read the change in our market environment early and our cost cutting initiatives have already reduced our expense level by around 15% and enabled us to report a positive net income for the quarter.

Business wise, during the first quarter, we continued to strengthen our market position, receiving a follow on order combining our stand-alone and integrated metrology platforms from a major Chinese foundry, continued Seligsohn.

It is evident that the current market environment will have an effect on us, as we are not immune to the weakness in capital spending and overall economic conditions. However, we believe that our strong execution and tight cost controls, combined with our exposure to the best-performing segments of the market, will help us mitigate the effects of these negative factors which are beyond our control. We still expect to outperform the industry in 2008, and we believe that we are now well structured to weather the current cyclical downturn, coming out a stronger and leaner company.

The Company will host a conference call today, May 5, 2008, at 10:00am EST. To participate, please dial in the US: 1 888 281 1167; or internationally: +972 3 918 0620. A recording of the call will be available on Nova s website, within 24 hours following the end of the call.

In addition, the conference call will also be webcast live from a link on Nova s website at www.nova.co.il.

This press release provides financial measures that exclude non-cash charges for inventory write-off, stock-based compensation and impairment charges and are therefore not calculated in accordance with generally accepted accounting principles (GAAP). Management believes that these non-GAAP financial measures provide meaningful supplemental information regarding Nova s performance because they reflect our operational results and enhances management s and investors ability to evaluate Nova s performance before charges considered by management to be outside Nova s ongoing operating results.

The presentation of this non-GAAP financial information is not intended to be considered in isolation or as a substitute for the financial information prepared and presented in accordance with GAAP. Management believes that it is in the best interest of its investors to provide financial information that will facilitate comparison of both historical and future results and allows greater transparency to supplemental information used by management in its financial and operational decision making. A reconciliation of each GAAP to non-GAAP financial measure discussed in this press release is contained in the accompanying financial tables.

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.nova.co.il.

This press release contains forward-looking statements within the meaning of safe harbor provisions of the Private Securities Litigation Reform Act of 1995 relating to future events or our future performance, such as statements regarding trends, demand for our products, expected deliveries, transaction, expected revenues, operating results, earnings and profitability. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed or implied in those forward-looking

statements. These risks and other factors include but are not limited to: our dependency on a single integrated process control product line; the highly cyclical nature of the markets we target; our inability to reduce spending during a slowdown in the semiconductor industry; our ability to respond effectively on a timely basis to rapid technological changes; risks associated with our dependence on a single manufacturing facility; our ability to expand our manufacturing capacity or marketing efforts to support our future growth; our dependency on a small number of large customers and small number of suppliers; risks related to our intellectual property; changes in customer demands for our products; new product offerings from our competitors; changes in or an inability to execute our business strategy; unanticipated manufacturing or supply problems; changes in tax requirements; changes in customer demand for our products and risks related to our operations in Israel. We cannot guarantee future results, levels of activity, performance or achievements. The matters discussed in this press release also involve risks and uncertainties summarized under the heading Risk Factors in Nova s Annual Report on Form 20-F for the year ended December 31, 2007 filed with the Securities and Exchange Commission on March 28, 2008. These factors are updated from time to time through the filing of reports and registration statements with the Securities and Exchange Commission. Nova Measuring Instruments Ltd. does not assume any obligation to update the forward-looking information contained in this press release.

(Tables to Follow)

NOVA MEASURING INSTRUMENTS LTD. CONSOLIDATED BALANCE SHEET

(U.S. dollars in thousands)

	As of March 31,	As of December 31,
	2008	2007
CURRENT ASSETS		
Cash and cash equivalents	10,332	15,324
Held to maturity securities	6,755	2,251
Trade accounts receivable	8,371	9,146
Inventories	9,872	8,524
Other current assets	2,398	1,703
	37,728	36,948
LONG-TERM ASSETS		
Long-term interest-bearing bank deposits	1,307	2,245
Long-term investments	1,240	1,562
Held to maturity securities	504	1,489
Other Long-term assets	171	169
Severance pay funds	2,701	2,488
	5,923	7,953
FIXED ASSETS, NET	3,687	3,484
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Total assets	47,338	48,385
CURRENT LIABILITIES		
Trade accounts payable	6,830	7,482
Deferred income	1,384	1,496
Other current liabilities	6,990	7,310
	15,204	16,288

	As of March 31,	As of December 31,
LONG-TERM LIABILITIES		
Liability for employee severance pay	3,853	3,561
Deferred income	844	901
Other long-term liability	51	51
	4,748	4,513
SHAREHOLDERS' EQUITY	27,386	27,584
Total liabilities and shareholders' equity	47,338	48,385

NOVA MEASURING INSTRUMENTS LTD. QUARTERLY CONSOLIDATED STATEMENTS OF OPERATIONS

(U.S. dollars in thousands, except per share data)

		Three months ended		
	March 31,	December 31,	March 31,	
	2008	2007	2007	
NAME AND ADDRESS OF THE PARTY O				
REVENUES Product sales	9,614	12.021	10.442	
Services	3,197	12,831 3,177	10,443 2,924	
Scivices	3,197	3,177	2,924	
	12,811	16,008	13,367	
COST OF REVENUES				
Product sales	4,488	6,341	4,868	
Services	3,157	2,751	2,666	
	7,645	9,092	7,534	
GROSS PROFIT	5,166	6,916	5,833	
OPERATING EXPENSES				
Research & Development expenses, net	1,905	2,410	2,333	
Sales & Marketing expenses	2,440	2,896	2,198	
General & Administration expenses	904	944	2,112	
	5,249	6,250	6,643	
OPERATING INCOME (LOSS)	(83)	666	(810)	

The	ree months ended	
124	23	169
	(1,366)	
41	(677)	(641)
0.00	(0.04)	(0.04)
0.00		
19,338	19,256	17,239
19,541		
	124 41 0.00 0.00	(1,366) 41 (677) 0.00 (0.04) 0.00 19,338 19,256

NOVA MEASURING INSTRUMENTS LTD. QUARTERLY CONSOLIDATED STATEMENTS OF CASH FLOWS

31,	December 31,	March 31,
	2007	2007

Three months ended

	March 31,	December 31,	March 31,
	2008	2007	2007
CASH FLOW - OPERATING ACTIVITIES			
Net income (loss) for the period Adjustments to reconcile net loss to net cash used in operating activities:	41	(677)	(641)
Depreciation and amortization Amortization of deferred stock-based	365	367	437
compensation Increase in liability for employee termination	164	282	264
benefits, net Impairment of short-term investments	59 	116 1,366	4
Net recognized losses (gains) on investments Decrease (increase) in trade accounts receivables	12 775	11 1,109	(59) 1,456
Decrease (increase) in inventories Decrease (increase) in other current and long term	(1,360)	(1,947)	(559)
assets Increase (decrease) in trade accounts payables and	(865)	80	252
other long term liabilities Increase (decrease) in current liabilities Increase (decrease) in short and long term deferred	(652) (225)	2,165 1,099	351 (457)
Increase (decrease) in short and long term deferred income	(169)	46	(83)

	Three months ended		
Net cash from (used in) operating activities	(1,854)	4,017	965
ASH FLOW - INVESTMENT ACTIVITIES			
Decrease in short-term interest-bearing bank deposits			283
Decrease (increase) in short-term investments			(2,600)
Proceeds from held to maturity securities	2,205	900	851
Proceeds from long-term deposits	938		1,507
Investment in held to maturity securities	(5,736)		(1,496)
Investment in long-term interest-bearing bank deposits		(44)	(1,000)
Additions to fixed assets	(557)	(364)	(101)
Net cash from (used in) investment activities	(3,150)	492	(2,556)
ASH FLOW - FINANCING ACTIVITIES			
Shares issued in private placement			4,982
Shares issued under employee share-based plans	12	111	90
Net cash from (used in) financing activities	12	111	5,072
Increase (decrease) in cash and cash equivalents	(4,992)	4,620	3,481
Cash and cash equivalents - beginning of period	15,324	10,704	4,176

NOVA MEASURING INSTRUMENTS LTD. DISCLOSURE OF NON-GAAP QUARTERLY NET INCOME (LOSS)

(U.S. dollars in thousands, except per share data)

37 1 21		
March 31,	December 31,	March 31,
2008	2007	2007
41	(677)	(641)
164	282	264
		107
	1,366	
205	971	(270)
	164 	41 (677) 164 282 1,366

Three months ended

on-GAAP net income (loss) per share: Basic	0.01	0.05	(0.0)
Diluted	0.01	0.05	
hares used for calculation of non-GAAP net income			
oss) per share: Basic	19,338	19,256	17,23
	19,338	19,256	17,2.