GSI LUMONICS INC Form SC 13G/A December 14, 2004

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1) *

GSI LUMONICS INC.

(Name of Issuer)

Common Stock, no par value

(Title of Class of Securities)

36229U102

(CUSIP Number)

February 10, 2004

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- |_| Rule 13d-1(b) |_| Rule 13d-1(c) |X| Rule 13d-1(d)
- * The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

NAMES OF REPORTING PERSON/I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

SUMITOMO HEAVY INDUSTRIES, LTD.

2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*			
	Not appl	icable	(a) _ (b) _	
			(4) (-1)	
3	SEC USE ONLY			
4	 CITIZENSHIP OR PL	ACE OF OF	RGANIZATION	
	Japan			
	4DED OF GUIDEG	5	SOLE VOTING POWER	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH			4,078,238	
I	REPORTING PERSON WITH			
			SHARED VOTING POWER	
		O	SHARED VOLING TOWER	
		7	SOLE DISPOSITIVE POWER	
			4,078,238	
		8	SHARED DISPOSITIVE POWER	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	4,078,238			
10	CHECK BOX IF THE (SEE INSTRUCTIONS		E AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
	Not appl	icable		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9			
	9.97%			
12	TYPE OF REPORTING	PERSON ((SEE INSTRUCTIONS)	
	CO			
Item 1(a)	Name of I	ssuer:		

GSI Lumonics Inc.

Item 1(b)	Address of Issuer's Principal Executive Offices:				
39 Manning Road, Billerica, Massachusetts, U.S.A., 01821					
Item 2(a)	Name of Person Filing:				
This statement is being filed by Sumitomo Heavy Industries, Ltd. ("Sumitomo")					
Item 2(b)	Address of Principal Business Office:				
The principal business office address of Sumitomo is 9-11, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo, 141-8686, Japan.					
Item 2(c)	Citizenship:				
Sumitomo is a corporation incorporated under the laws of Japan.					
Item 2(d)	Title of Class of Securities:				
Common Stock, no par value					
Item 2(e)	CUSIP Number:				
36229U102					
Item 3	If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:				
(a) _	Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780);				
(b) _	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);				
(c) _	Insurance Company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);				
(d) _	An Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);				
(e) _	An investment adviser in accordance with ss.240.13d-1(b)(1)(ii)(E);				
(f) _	An employee benefit plan or endowment fund in accordance with $ss.240.13d-1(b)(1)(ii)(F);$				
(g) _	A parent holding company or control person, in accordance with ss.240.13d-1(b)(1)(ii)(G);				
(h) _	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);				
(i) _	A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);				
(j) _	Group, in accordance with ss.240.13d-1(b)(1)(ii)(J).				

Item 4. Ownership.

The filing of this Amendment No. 1 on Schedule 13G and the filing of any further amendments hereto shall not be construed as an admission that Sumitomo is, for the purposes of Section 13(d) or 13(g) of the Securities Exchange Act of 1934, the beneficial owner of any securities covered by this statement or any amendments thereto.

Based on the most recent information available, the aggregate number and percentage of the Shares of GSI (the securities identified pursuant to Item 1 of this Schedule 13G) that are beneficially owned by Sumitomo is set forth in boxes 9 and 11 of the second part of the cover page to this Schedule 13G, and such information is incorporated herein by reference.

The numbers of Shares of GSI as to which Sumitomo has sole voting power, shared voting power, sole dispositive power and shared dispositive power are set forth in boxes 5, 6, 7 and 8, respectively, on the second part of the cover page to this Schedule 13G, and such information is incorporated herein by reference.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

1013

Not applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding

Company.

Not applicable

Item 8. Identification and Classification of Members of

the Group.

Not applicable

Item 9. Notice of Dissolution of Group.

Not applicable

Item 10. Certification.

Not applicable

SIGNATURES

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Statement is true, complete and correct.

Date: December 14, 2004

SUMITOMO HEAVY INDUSTRIES, LTD.

By: /s/ Yukio Kinoshita

Name: Yukio Kinoshita

Title: Executive Vice President