Buckley Robert Form 4 March 11, 2013

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Expires: January 31, 2005
Estimated average

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

SECURITIES

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Buckley Robert	2. Issuer Name and Ticker or Trading Symbol GSI GROUP INC [GSIG]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)	3. Date of Earliest Transaction	(Check all applicable)			
C/O GSI GROUP INC., 125 MIDDLESEX TURNPIKE	(Month/Day/Year) 03/08/2013	Director 10% Owner _X Officer (give title Other (specify below) below) Chief Financial Officer			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
BEDFORD, MA 01730-1409	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (Zip) Table	e I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)				7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	03/08/2013		M	14,782	A	\$0	75,167	D		
Common Stock	03/08/2013		F	4,819	D	\$ 9.78	70,348	D		

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title Derivat Security (Instr. 3	ive y	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of stiorDerivative Securities Acquired (a) (A) or Disposed of (D) (Instr. 3, 4, and 5)		onDerivative Expiration Date Securities Acquired (Month/Day/Year) (A) or Disposed of (D)		ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
					Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share	
Restrice Stock Units		(1)	03/08/2013		M		14,782	(2)	(2)	Common Stock	14,782	
Restrict Stock Units		(1)	03/08/2013		A	54,234		(3)	(3)	Common Stock	54,234	

Reporting Owners

Reporting Owner Name / Address	Relationships

Director 10% Owner Officer Other

Buckley Robert C/O GSI GROUP INC. 125 MIDDLESEX TURNPIKE BEDFORD, MA 01730-1409

Chief Financial Officer

Signatures

/s/ Paula A. Pluta, Attorney-in-Fact 03/11/2013

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Each Restricted Stock Unit represents the right to received one GSI Group Inc. common share upon vesting of such Restricted Stock Unit.
- (2) The Restricted Stock Units reported on this Form 4 vested on March 8, 2013.
- (3) The Restricted Stock Units vest in three equal annual installments on March 8, 2014, March 8, 2015 and March 8, 2016.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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