

Heiland K. Peter
Form 3
July 27, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0104
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *

Heiland K. Peter
(Last) (First) (Middle)

20 LEDGEWOOD DRIVE
(Street)

DOVER, MA 02030

(City) (State) (Zip)

2. Date of Event Requiring Statement

(Month/Day/Year)
07/23/2010

3. Issuer Name and Ticker or Trading Symbol
GSI GROUP INC [GSIGQ]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

☒ Director ☐ 10% Owner
☐ Officer ☐ Other
(give title below) (specify below)

5. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
☒ Form filed by One Reporting Person
☐ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security
(Instr. 4)

2. Amount of Securities Beneficially Owned
(Instr. 4)

3. Ownership Form:
Direct (D)
or Indirect (I)
(Instr. 5)

4. Nature of Indirect Beneficial Ownership
(Instr. 5)

Common Stock

4,766,972

I ⁽¹⁾

By JEC II Associates, LLC

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

SEC 1473 (7-02)

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

1. Title of Derivative Security
(Instr. 4)

2. Date Exercisable and Expiration Date
(Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security
(Instr. 4)

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security:
Direct (D)
or Indirect

6. Nature of Indirect Beneficial Ownership
(Instr. 5)

Date Exercisable Expiration Date Title Amount or Number of

Shares

(I)
(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Heiland K. Peter 20 LEDGEWOOD DRIVE DOVER, MA 02030	X			

Signatures

/s/ James E. Dawson, as
attorney-in-fact

07/27/2010

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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) K. Peter Heiland is a manager of JEC II Associates, LLC ("JEC"). Mr. Heiland disclaims beneficial ownership in the securities owned by JEC, except to the extent of his indirect pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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