#### PEDERSEN GEORGE J

Form 4

December 14, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

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obligations may continue.

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

1(b).

(Last)

(City)

(Print or Type Responses)

See Instruction

2. Issuer Name and Ticker or Trading Symbol

### GSE SYSTEMS INC [GVP]

(First) (Middle)

(Zip)

3. Date of Earliest Transaction (Month/Day/Year)

12/12/2007

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

7133 RUTHERFORD RD, SUITE

\_X\_\_ Director Officer (give title below)

10% Owner Other (specify

200

(Street)

(State)

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

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

BALTIMORE, MD 21244

(City)	(State) (	Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)			
Common Stock	12/12/2007		M	8,300	A	\$ 2	64,550	D		
Common Stock	12/12/2007		S	100	D	\$ 9.84	64,450	D		
Common Stock	12/12/2007		S	200	D	\$ 9.86	64,250	D		
Common Stock	12/12/2007		S	300	D	\$ 9.88	63,950	D		
Common Stock	12/12/2007		S	900	D	\$ 9.89	63,050	D		

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Common Stock	12/12/2007	S	300	D	\$ 9.9	62,750	D
Common Stock	12/12/2007	S	100	D	\$ 10.02	62,650	D
Common Stock	12/12/2007	S	100	D	\$ 10.04	62,550	D
Common Stock	12/12/2007	S	500	D	\$ 10.05	62,050	D
Common Stock	12/12/2007	S	300	D	\$ 10.07	61,750	D
Common Stock	12/12/2007	S	100	D	\$ 10.09	61,650	D
Common Stock	12/12/2007	S	100	D	\$ 10.11	61,550	D
Common Stock	12/12/2007	S	100	D	\$ 10.13	61,450	D
Common Stock	12/12/2007	S	200	D	\$ 10.15	61,250	D
Common Stock	12/12/2007	S	200	D	\$ 10.17	61,050	D
Common Stock	12/12/2007	S	350	D	\$ 10.2	60,700	D
Common Stock	12/12/2007	S	850	D	\$ 10.21	59,850	D
Common Stock	12/12/2007	S	500	D	\$ 10.23	59,350	D
Common Stock	12/12/2007	S	400	D	\$ 10.24	58,950	D
Common Stock	12/12/2007	S	200	D	\$ 10.25	58,750	D
Common Stock	12/12/2007	S	900	D	\$ 10.25	57,850	D
Comon Stock	12/12/2007	S	200	D	\$ 10.26	57,650	D
Common Stock	12/12/2007	S	600	D	\$ 10.27	57,050	D
Common Stock	12/12/2007	S	400	D	\$ 10.28	56,650	D
Common Stock	12/12/2007	S	200	D	\$ 10.29	56,450	D
	12/12/2007	S	200	D	\$ 10.3	56,250	D

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Common Stock

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

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SEC 1474

(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	n Date, if Transaction Derivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 2	12/12/2007		M		8,300	05/03/2004	05/03/2008	Common Stock	8,300
Employee Stock Option	\$ 8.21						<u>(1)</u>	02/06/2014	Common Stock	10,000
Employee Stock Option	\$ 2.25						(2)	04/06/2008	Common Stock	25,000

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
<b>Fg</b>	Director	10% Owner	Officer	Other			
PEDERSEN GEORGE J 7133 RUTHERFORD RD SUITE 200 BALTIMORE, MD 21244	X						
Ciara atrusa a							

## Signatures

/s/ George Pedersen 12/14/2007

Date

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\*\*Signature of Reporting Person

## **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) Exercisable as follows: 4,000 2/6/2008; 3,000 2/6/2009; 3,000 2/6/2010
- (2) Exercisable as follows: 10,000 4/6/1999; 7,500 4/6/2000; 7,500 4/6/2001

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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