

GSE SYSTEMS INC  
Form SC 13G  
September 27, 2007

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

SCHEDULE 13G  
(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED  
PURSUANT TO RULE 13d-2(b)

(Amendment No. )

GSE Systems, Inc.

-----  
(Name of Issuer)

Common Stock, \$.01 par value

-----  
(Title of Class of Securities)

36227K106

-----  
(CUSIP Number)

September 20, 2007

-----  
(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)

Rule 13d-1(d)

CUSIP No. 36227K106  
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1. NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

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Peninsula Capital Management, LP (1)

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)   
(b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

California

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5. SOLE VOTING POWER

0

6. SHARED VOTING POWER

776,257

7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER

776,257

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

776,257

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

5.22%

12. TYPE OF REPORTING PERSON

PN

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(1) Peninsula Capital Management, LP may be deemed to be the beneficial owner of such securities by virtue of its role as the investment manager of the investment fund which owns such securities.

CUSIP No. 36227K106  
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1. NAME OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

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Peninsula Master Fund, Ltd.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)   
(b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5. SOLE VOTING POWER

0

6. SHARED VOTING POWER

776,257

7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER

776,257

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

776,257

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

5.22%

12. TYPE OF REPORTING PERSON\*

CO

CUSIP No. 36227K106

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1. NAME OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Scott Bedford (2)

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)

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(b)  [X]

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

United States

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5. SOLE VOTING POWER

0

6. SHARED VOTING POWER

776,257

7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER

776,257

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

776,257

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

[ ]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

5.22%

12. TYPE OF REPORTING PERSON

IN

(2) Mr. Bedford may be deemed to be the beneficial owner of the securities reported herein by virtue of his role as President of Peninsula Capital Management, Inc., which is Peninsula Capital Management, LP's general partner.

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CUSIP No. 36227K106  
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Item 1(a). Name of Issuer:

GSE Systems, Inc.  
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Item 1(b). Address of Issuer's Principal Executive Offices:

7133 Rutherford Road, Suite 200  
Baltimore, Maryland 21244

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Item 2(a). Name of Person Filing:

Peninsula Capital Management, LP  
Peninsula Master Fund, Ltd.  
Scott Bedford

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Item 2(b). Address of Principal Business Office, or if None, Residence:

Peninsula Capital Management, LP  
235 Pine Street, Suite 1600  
San Francisco, CA 94104

Peninsula Master Fund, Ltd.  
c/o 235 Pine Street, Suite 1600  
San Francisco, CA 94104

Scott Bedford  
c/o Peninsula Capital Management, LP  
235 Pine Street, Suite 1600  
San Francisco, CA 94104

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Item 2(c). Citizenship:

Peninsula Capital Management, LP - California limited partnership  
Peninsula Master Fund, Ltd. - Cayman Islands exempted company  
Scott Bedford - United States citizen

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Item 2(d). Title of Class of Securities:

Common Stock, \$.01 par value

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Item 2(e). CUSIP Number:

36227K106

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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 Exchange Act.
- (b)  Bank as defined in Section 3(a)(6) of the Exchange Act.
- (c)  Insurance company as defined in Section 3(a)(19) of the Exchange Act.

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- (d)  Investment company registered under Section 8 of the Investment Company Act.
- (e)  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (i)  A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;
- (j)  Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

### Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

Peninsula Capital Management, LP - 776,257 shares  
Peninsula Master Fund, Ltd. - 776,257 shares  
Scott Bedford - 776,257 shares

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(b) Percent of class:

Peninsula Capital Management, LP - 5.22%  
Peninsula Master Fund, Ltd. - 5.22%  
Scott Bedford - 5.22%

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(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote

Peninsula Capital Management, LP - 0  
Peninsula Master Fund, Ltd. - 0  
Scott Bedford - 0

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(ii) Shared power to vote or to direct the vote

Peninsula Capital Management, LP - 776,257  
Peninsula Master Fund, Ltd. - 776,257  
Scott Bedford - 776,257

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(iii) Sole power to dispose or to direct the

Peninsula Capital Management, LP - 0  
Peninsula Master Fund, Ltd. - 0  
Scott Bedford - 0

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- (iv) Shared power to dispose or to direct the disposition of  
Peninsula Capital Management, LP - 776,257  
Peninsula Master Fund, Ltd. - 776,257  
Scott Bedford - 776,257
- 

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities check the following [ ].

N/A

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

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

N/A

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### Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

If a parent holding company or Control person has filed this schedule, pursuant to Rule 13d-1(b)(1)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company or control person has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

N/A

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### Item 8. Identification and Classification of Members of the Group.

If a group has filed this schedule pursuant to s.240.13d-1(b)(1)(ii)(J), so indicate under Item 3(j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to s.240.13d-1(c) or s.240.13d-1(d), attach an exhibit stating the identity of each member of the group.

N/A

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### Item 9. Notice of Dissolution of Group.

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to

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transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity. See Item 5.

N/A

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Item 10. Certifications.

By signing below the Reporting Person certifies that, to the best of his knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having such purpose or effect.

SIGNATURE

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.

September 27, 2007

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(Date)

PENINSULA CAPITAL MANAGEMENT, LP \*

By: /s/ Scott Bedford

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Name: Scott Bedford

Title: Principal

PENINSULA MASTER FUND, LTD. \*

By: PENINSULA CAPITAL MANAGEMENT, LP  
Its investment manager

By: /s/ Scott Bedford

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Name: Scott Bedford

Title: Principal

/s/ Scott Bedford

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SCOTT BEDFORD \*

\* The Reporting Persons disclaim beneficial ownership over the securities reported herein except to the extent of the Reporting Persons' pecuniary interest therein.

EXHIBIT A

AGREEMENT

The undersigned agree that this Schedule 13G dated September 27, 2007



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relating to the Common Stock \$0.01 par value of GSE Systems, Inc. shall be filed on behalf of the undersigned.

PENINSULA CAPITAL MANAGEMENT, LP

By: /s/ Scott Bedford

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Name: Scott Bedford

Title: Principal

PENINSULA MASTER FUND, LTD.

By: PENINSULA CAPITAL MANAGEMENT, LP  
Its investment manager

By: /s/ Scott Bedford

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Name: Scott Bedford

Title: Principal

/s/ Scott Bedford

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SCOTT BEDFORD

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