

Pomeroy Robert D. Jr.  
 Form 4  
 May 11, 2012

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
 Pomeroy Robert D. Jr.

2. Issuer Name and Ticker or Trading Symbol  
 Horizon Technology Finance Corp  
 [HRZN]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 312 FARMINGTON AVENUE  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 05/10/2012

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Chief Executive Officer

FARMINGTON, CT US 06032  
 (City) (State) (Zip)

4. 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 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. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |                                |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|--------------------------------|
|                                 |                                      |  |                                | Code  | V   | Amount   | (D)   | Price                          |
| Common Stock                    |                                      |  |                                |   |   | I  | By HTF-CHF Holdings LLC <sup>(1)</sup>                |                                |
| Common Stock                    | 05/10/2012                           |  | P                              | 500   | A   | D  |   | \$ 16.844 3,313 <sup>(2)</sup> |

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form**

SEC 1474 (9-02)

displays a currently valid OMB control number.

**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) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Beneficially (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                         |       |
|---|---------------|-----------|-------------------------|-------|
|   | Director      | 10% Owner | Officer                 | Other |
| Pomeroy Robert D. Jr.<br>312 FARMINGTON AVENUE<br>FARMINGTON, CT US 06032 | X             |           | Chief Executive Officer |       |

## Signatures

/s/ Robert D. Pomeroy, Jr. 05/11/2012

\*\*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) The Reporting Person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein. The reported securities are owned directly by HTF-CHF Holdings LLC of which Reporting Person owns 33%.

- The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from
- (2) \$16.83 to \$16.85, inclusive. Full information regarding the number of shares purchased at each separate price will be provided upon request by the SEC staff, the issuer, or any security holder of the issuer.

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.