

Horizon Technology Finance Corp  
Form 8-K  
May 10, 2011

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

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the**  
**Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): May 10, 2011**

**HORIZON TECHNOLOGY FINANCE CORPORATION**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction  
of incorporation)

**814-00802**

(Commission File Number)

**27-2114934**

(I.R.S. Employer Identification No.)

**312 Farmington Avenue**  
**Farmington, CT 06032**

(Address of principal executive offices and zip code)

Registrant's telephone number, including area code: **(860) 676-8654**

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Section 2 Financial Information**

**Item 2.02 Results of Operations and Financial Condition**

On May 10, 2011, Horizon Technology Finance Corporation (the Company ) issued a press release announcing its financial results for the three months ended March 31, 2011. A copy of this press release is attached hereto as Exhibit 99.1.

The information in Item 2.02 of this Current Report on Form 8-K, including Exhibit 99.1 furnished herewith, is being furnished and shall not be deemed filed for any purpose of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act ), or otherwise subject to liabilities of such Section. The information in this Current Report on Form 8-K shall not be deemed to be incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

**Section 9 Financial Statements and Exhibits**

**Item 9.01 Financial Statements and Exhibits**

(d) Exhibits.

99.1 Press release of the Company dated May 10, 2011.

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: May 10, 2011

HORIZON TECHNOLOGY FINANCE  
CORPORATION

By: /s/ Robert D. Pomeroy, Jr.  
Robert D. Pomeroy, Jr.  
*Chief Executive Officer*