

SCHEDULE 14A

(RULE 14a-101)

Information Required in Proxy Statement

Schedule 14A Information

Proxy Statement Pursuant to Section 14(a) of the Securities
Exchange Act of 1934

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

Definitive Proxy Statement

Definitive Additional Material

Soliciting Material Pursuant to Rule 14a-12

Confidential, for Use of the Commission Only
(as permitted by Rule 14a-6(e)(2))

Horizon Technology Finance Corporation

(Name of Registrant as Specified in Its Charter)

(Name of Person(s) Filing Proxy Statement if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No fee required.

Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies: _____

(2) Aggregate number of securities to which transaction applies: _____

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (Set forth the amount on which the filing fee is calculated and state how it was determined): _____

(4) Proposed maximum aggregate value of transaction: _____

(5) Total fee paid: _____

Fee paid previously with preliminary materials

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the form or schedule and the date of its filing.

(1) Amount previously paid: _____

(2) Form, schedule or registration statement no.: _____

(3) Filing party: _____

(4) Date filed: _____



Horizon Technology Finance

Horizon Technology Finance Corporation
312 Farmington Avenue
Farmington, CT 06032

April 26, 2012

Dear Stockholder:

You are cordially invited to attend the 2012 Annual Meeting of Stockholders of Horizon Technology Finance Corporation (the "Company") to be held on June 11, 2012 at 9:00 AM, Eastern Time, at the offices of Horizon Technology Finance Corporation, located at 312 Farmington Avenue, Farmington, Connecticut 06032.

The Notice of Annual Meeting of Stockholders and the Proxy Statement of the Board of Directors of the Company accompanying this letter provide an outline of the business to be conducted at our Annual Meeting of Stockholders. At the meeting, you will be asked to: (1) elect three directors of the Company and (2) ratify the selection of McGladrey & Pullen, LLP as the Company's independent registered public accounting firm for the year ending December 31, 2012.

It is very important that your shares be represented at the Annual Meeting. Whether or not you expect to be present in person at the Annual Meeting, please sign the enclosed proxy and return it promptly in the envelope provided, or vote via the Internet. We encourage you to vote via the Internet, as it saves us significant time and processing costs. To vote via the Internet, access www.proxyvote.com and follow the on-screen instructions. Have your proxy card available when you access the web page. Your vote and participation in the governance of the Company is very important to us.

Sincerely yours,

Robert D. Pomeroy, Jr.
Chief Executive Officer and Chairman of the Board of Directors

HORIZON TECHNOLOGY FINANCE CORPORATION
312 Farmington Avenue
Farmington, Connecticut 06032
(860) 676-8654

**NOTICE OF ANNUAL MEETING OF STOCKHOLDERS
TO BE HELD ON JUNE 11, 2012**

Notice is hereby given to the owners of shares of common stock (the "Stockholders") of Horizon Technology Finance Corporation (the "Company") that:

The 2012 Annual Meeting of Stockholders of the Company (the "Annual Meeting") will be held at the offices of Horizon Technology Finance Corporation, located at 312 Farmington Avenue, Farmington, Connecticut 06032, on June 11, 2012 at 9:00 AM, Eastern Time, for the following purposes:

1. To elect three Class II directors of the Company who will each serve for a term of three years or until his or her successor is duly elected and qualified;
2. To ratify the selection of McGladrey & Pullen, LLP to serve as the Company's independent registered public accounting firm for the year ending December 31, 2012; and
3. To transact such other business as may properly come before the Annual Meeting.

You have the right to receive notice of, and to vote at, the Annual Meeting if you were a stockholder of record at the close of business on April 17, 2012. Whether or not you expect to be present in person at the Annual Meeting, please sign the enclosed proxy and return it promptly in the envelope provided, or vote via the Internet. Instructions are shown on the proxy card.

We have enclosed our Annual Report on Form 10-K for the year ended December 31, 2011, our Proxy Statement and a proxy card. Please sign the enclosed proxy card and return it promptly in the envelope provided, or vote via the Internet. Your vote is extremely important to us. In the event there are not sufficient votes for a quorum or to approve the proposals at the time of the Annual Meeting, the Annual Meeting may be adjourned in order to permit further solicitation of proxies by the Company.

THE BOARD OF DIRECTORS, INCLUDING THE INDEPENDENT DIRECTORS, UNANIMOUSLY RECOMMENDS THAT YOU VOTE "FOR" EACH OF THE PROPOSALS.

By Order of the Board of Directors,



John C. Bombara
Secretary

Farmington, Connecticut
April 26, 2012

This is an important meeting. To ensure proper representation at the Meeting, please complete, sign, date and return the proxy card in the enclosed, self-addressed envelope, or vote your shares electronically via the Internet. Please see the Proxy Statement and the enclosed proxy card for details about electronic voting. Even if you vote your shares prior to the Meeting, you still may attend the Meeting and vote your shares in person if you wish to change your vote.

HORIZON TECHNOLOGY FINANCE CORPORATION
312 Farmington Avenue
Farmington, Connecticut 06032
(860) 676-8654

PROXY STATEMENT
For
2012 Annual Meeting of Stockholders
To Be Held on June 11, 2012

This document will give you the information you need to vote on the matters listed on the accompanying Notice of Annual Meeting of Stockholders ("Notice of Annual Meeting"). Much of the information in this Proxy Statement is required under rules of the Securities and Exchange Commission ("SEC"), and some of it is technical in nature. If there is anything you do not understand, please contact us at 860-676-8654.

This Proxy Statement is furnished in connection with the solicitation of proxies by the Board of Directors (the "Board," "we," "us" or "our") of Horizon Technology Finance Corporation (the "Company") for use at our 2012 Annual Meeting of Stockholders (the "Meeting") to be held on June 11, 2012 at 9:00 AM, Eastern Time, at the offices of Horizon Technology Finance Corporation, 312 Farmington Avenue, Farmington, Connecticut 06032, and at any postponements or adjournments thereof. This Proxy Statement, along with the Notice of Meeting and proxy card, and the Company's Annual Report for the year ended December 31, 2011 are being mailed to stockholders of the Company (the "Stockholders") of record as of April 17, 2012 on or about April 26, 2012.

We encourage you to vote your shares, either by voting in person at the Meeting or by voting by proxy (i.e., authorizing someone to vote your shares). Shares represented by duly executed proxies will be voted in accordance with your instructions. If you execute a proxy without specifying your voting instructions, your shares will be voted in accordance with the Board's recommendation. If any other business is brought before the Meeting, your shares will be voted at the Board's discretion unless you specifically state otherwise on your proxy.

You may revoke your vote on the Internet or on a proxy card at any time before it is exercised by resubmitting your vote on the Internet, notifying the Company's Secretary in writing by submitting a properly executed, later-dated proxy, or by voting in person at the Meeting. Any Stockholder entitled to vote at the Meeting may attend the Meeting and vote in person, whether or not he or she has previously voted his or her shares via proxy or wishes to change a previous vote.

You will be eligible to vote your shares electronically via the Internet or by mail.

Purpose of Meeting

As described in more detail in this Proxy Statement, the Meeting is being held for the following purposes:

1. To elect three Class II directors of the Board who will each serve for a term of three years or until his or her successor is duly elected and qualified;
2. To vote on a proposal to ratify the selection of McGladrey & Pullen, LLP to serve as the Company's independent registered public accounting firm for the year ending December 31, 2012; and
3. To transact such other business as may properly come before the Meeting.

Voting Securities

You may vote your shares at the Meeting only if you were a Stockholder of record at the close of business on April 17, 2012 (the "Record Date"). There were 7,640,049 shares of the Company's common stock (the "Common Stock") outstanding on the Record Date. Each share of the Common Stock is entitled to one vote.

Quorum Required

A quorum must be present at the Meeting for any business to be conducted. The presence at the Meeting, in person or by proxy, of the holders of more than one-half of the voting power of all outstanding shares of stock of the Company outstanding on the Record Date will constitute a quorum. Shares held by a broker or other nominee for which the nominee has not received voting instructions from the record holder, and does not have discretionary authority to vote the shares on non-routine proposals (which are considered “broker non-votes” with respect to such proposals), will be treated as shares present for quorum purposes. If there are not enough votes for a quorum, the holders of a majority of the voting power present at the Meeting, in person or by proxy, may adjourn the Meeting to permit the further solicitation of proxies.

Votes Required

Election of Director

The election of a director requires a plurality of the votes cast at the Meeting. Stockholders may not cumulate their votes. If you vote “Withhold Authority” with respect to a nominee, your shares will not be voted with respect to the person indicated. Because a director is elected by a plurality of the votes cast at the Meeting, votes to withhold authority, or no votes, will have the effect of a vote against the nominee. Abstentions will not be included in determining the number of votes cast and, as a result, will have no effect on this proposal.

Ratification of Independent Registered Public Accounting Firm

The affirmative vote of a majority of the votes cast at the Meeting in person or by proxy is required to ratify the appointment of McGladrey & Pullen, LLP to serve as the Company’s independent registered public accounting firm. Abstentions will not be included in determining the number of votes cast and, as a result, will have no effect on this proposal.

Broker Non-votes

Broker non-votes are described as votes cast by a broker or other nominee on behalf of a beneficial holder who does not provide explicit voting instructions to such broker or nominee and who does not attend the Meeting. Proposal 1 is a non-routine matter. As a result, if you hold shares in “street name” through a broker, bank or other nominee, your broker, bank or nominee will **not** be permitted to exercise voting discretion with respect to Proposal 1. Thus, if you do not give your broker or nominee specific instructions on how to vote for you or do not vote for yourself in accordance with the voting instructions on the proxy card, either by returning a proxy card or by other arrangement with your broker or nominee, your shares will have the effect of a vote against Proposal 1.

Proposal 2 is a routine matter. As a result, if you beneficially own your shares and you do not provide your broker or nominee with proxy instructions, either by voting in accordance with the voting instructions on the proxy card, by returning a proxy card or by other arrangement with your broker or nominee, your broker or nominee will be able to vote your shares for you on this routine matter.

Adjournment and Additional Solicitation

If there appear not to be enough votes to approve the proposals at the Meeting, the Stockholders who are represented in person or by proxy may vote to adjourn the Meeting to permit further solicitation of proxies. Robert D. Pomeroy, Jr. or Christopher M. Mathieu are the persons named as proxies and will vote proxies held by them for such adjournment, unless marked to be voted against any proposal for which an adjournment is sought, to permit the further solicitation of proxies.

A Stockholder vote may be taken on any of the proposals in this Proxy Statement prior to any such adjournment if there are sufficient votes for approval of such proposal.

Information Regarding This Solicitation

The Company will bear the expense of the solicitation of proxies for the Meeting, including the cost of preparing and posting this Proxy Statement and the Annual Report to the Internet and the cost of mailing this Proxy Statement, Notice of Annual Meeting, proxy card and Annual Report. The Company intends to use the services of Broadridge Financial Solutions, Inc., a leading provider of investor communications solutions, to aid in the distribution and collection of proxy votes. The Company expects to pay market rates for such services. If brokers, trustees or fiduciaries and other institutions holding shares in their own names or in the names of their nominee, which shares are beneficially owned by others, forward the proxy materials to, and obtain proxies from, such beneficial owners, we will reimburse such persons for their reasonable expenses in so doing.

In addition to the solicitation of proxies by the use of the Internet, proxies may be solicited in person and/or by telephone, mail or facsimile transmission by directors or officers of the Company, officers or employees of Horizon Technology Finance Management LLC, which we sometimes refer to as HTFM, the Company's investment advisor (the "Advisor" and "Administrator") and/or by a retained solicitor. No additional compensation will be paid to directors, officers or regular employees for such services. If the Company retains a solicitor, the Company has estimated that it will pay approximately \$20,000 for such services. If the Company engages a solicitor, you could be contacted by telephone on behalf of the Company and urged to vote. The solicitor will not attempt to influence how you vote your shares, but only ask that you take the time to cast a vote. You may also be asked if you would like to vote over the telephone and to have your vote transmitted to our proxy tabulation firm.

Stockholders may provide their voting instructions through the Internet or by mail by following the instructions on the proxy card. These options require Stockholders to input the Control Number, which is provided with the proxy card. If you vote using the Internet, after visiting www.proxyvote.com and inputting your Control Number, you will be prompted to provide your voting instructions. Stockholders will have an opportunity to review their voting instructions and make any necessary changes before submitting their voting instructions and terminating their Internet link. Stockholders who vote via the Internet, in addition to confirming their voting instructions prior to submission, also will receive an e-mail confirming their instructions upon request.

If a Stockholder wishes to participate in the Meeting, but does not wish to give a proxy by Internet or mail, the Stockholder may attend the Meeting in person.

Any proxy authorized pursuant to this solicitation may be revoked by notice from the person giving the proxy at any time before it is exercised. A revocation may be effected by resubmitting voting instructions via the Internet voting site, by obtaining and properly completing another proxy card that is dated later than the original proxy and returning it by mail in time to be received before the Meeting, by attending the Meeting or by a notice provided in writing and signed by the Stockholder, delivered to the Company's Secretary on any business day before the date of the Meeting.

Security Ownership of Certain Beneficial Owners and Management

As of the Record Date, to our knowledge, no person would be deemed to control us, as such term is defined in the Investment Company Act of 1940, as amended (the "1940 Act").

Our directors consist of interested directors and independent directors. Interested directors are "interested persons" of the Company, as defined in the 1940 Act, and independent directors are all other directors (the "Independent Directors").

The following table sets forth, as of April 9, 2012, certain ownership information with respect to our Common Stock for those persons who directly or indirectly own, control or hold with the power to vote 5 percent or more of the Company's outstanding Common Stock and all executive officers and directors, including director nominees, as a group.

Name and Address	Type of ownership	Shares Owned	Percentage of Common Stock Outstanding
Principal Stockholders			
Compass Horizon Partners, LP(1)	Record/Beneficial	1,271,414	16.6%
HTF-CHF Holdings LLC(2)	Record/Beneficial	52,641	*
Brown Advisory Holdings Incorporated(3)	Record/Beneficial	491,981	6.4%
Independent Directors			
James J. Bottiglieri(4)	Record/Beneficial	3,251	*
Edmund V. Mahoney(4)	N/A	—	—
Brett N. Silvers(4)(5)	N/A	—	—
Christopher B. Woodward(4)	Record/Beneficial	2,805	*
Interested directors			
Robert D. Pomeroy, Jr.(2)(4)	Record/Beneficial	2,813	*
Gerald A. Michaud(2)(4)	Record/Beneficial	1,594	*
David P. Swanson(4)	N/A	—	—
Executive officers			
Christopher M. Mathieu(2)(4)	Record/Beneficial	1,000	*
John C. Bombara(2)(4)	N/A	—	*
Daniel S. Devorsetz(2)(4)	N/A	—	*
Director Nominees			
Elaine A. Sarsynski(4)	N/A	—	*
All directors, director nominees and executive officers as a group (10 persons)	Record/Beneficial	62,525	**%

(1) Concorde Horizon Holdings LP is the limited partner of Compass Horizon Partners, LP and Navco Management, Ltd is the general partner. Concorde Horizon Holdings LP and Navco Management, Ltd. are controlled by The Kattegat Trust, a Bermudian charitable trust, the trustee of which is Kattegat Private Trustees (Bermuda) Limited, a Bermudian trust company with its principal offices at 2 Reid Street, Hamilton HM 11, Bermuda.

(2) Messrs. Pomeroy, Michaud, Mathieu, Bombara and Devorsetz each own 33%, 33%, 15.5%, 9.3% and 6.2% of HTF-CHF Holdings LLC, respectively. The address for HTF-CHF Holdings LLC is 312 Farmington Avenue, Farmington, Connecticut 06032.

(3) Based upon information contained in the Schedule 13G/A filed February 2, 2012. Pursuant to the Schedule 13G, such securities are owned by investment companies and other managed accounts of direct/indirect subsidiaries of Brown Advisory Holdings Incorporated. The address for Brown Advisory Holdings Incorporated is 901 South Bond Street, Ste. 400, Baltimore, MD 21231.

(4) The address for each executive officer, director and director nominee is c/o Horizon Technology Finance Management LLC, 312 Farmington Avenue, Farmington, Connecticut 06032.

(5) Mr. Silvers is not standing for re-election as a Class II director.

* Less than 1 percent.

Section 16(a) Beneficial Ownership Reporting Compliance

Pursuant to Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), the Company's directors and executive officers, and any persons holding more than 10% of its Common Stock, are required to report their beneficial ownership and any changes therein to the SEC and the Company. Specific due dates for those reports have been established, and the Company is required to report herein any failure to file such reports by those due dates. Based on the Company's review of Forms 3, 4 and 5 filed by such persons and information provided by the Company's directors and executive officers, the Company believes that during the year ended December 31, 2011, all Section 16(a) filing requirements applicable to such persons were met in a timely manner.

Dollar Range of Securities Beneficially Owned by Directors

The following table sets forth the dollar range of the Company's Common Stock beneficially owned by each of the Company's directors as of April 9, 2012. Information as to the beneficial ownership of the Company's directors is based on information furnished to the Company by such persons. The Company is not part of a "family of investment companies," as that term is defined in the 1940 Act.

Directors of the Company	Dollar Range of Common Stock of the Company(1)
Independent Directors	
James J. Bottiglieri	\$50,001–\$100,000
Edmund V. Mahoney	None
Brett N. Silvers(3)	None
Christopher B. Woodward	\$10,001–\$50,000
Elaine A. Sarsynski (4)	None
Interested Directors	
Robert D. Pomeroy, Jr.	\$100,001–\$500,000(2)
Gerald A. Michaud	\$100,001–\$500,000(2)
David P. Swanson	None

(1) Dollar ranges are as follows: None; \$1–\$10,000; \$10,001–\$50,000; \$50,001–\$100,000; \$100,001–\$500,000; \$500,001–\$1,000,000 or over \$1,000,000.

(2) Includes holdings of HTF-CHF Holdings LLC.

(3) Mr. Silvers is not standing for re-election as a Class II director.

(4) Ms. Sarsynski is a Class II director nominee.

PROPOSAL 1: ELECTION OF DIRECTORS

In accordance with the Company's Certificate of Incorporation and Bylaws, the Board currently has seven members. Directors are divided into three classes with each class serving a staggered three year term. At each annual meeting of our Stockholders, the successors to the class of directors whose terms expire at such meeting will be elected to hold office for a term expiring at the annual meeting of Stockholders held in the third year following their year of election. After this election, the terms of Class I, II and III directors will expire at the annual meeting of Stockholders to be held in 2014, 2015 and 2013, respectively. Each director will hold office for the term to which he or she is elected or until his or her successor is duly elected and qualified. Mr. Swanson and Mr. Bottiglieri are Class I directors, whose terms will expire at the 2014 annual meeting of Stockholders. Mr. Michaud and Mr. Mahoney are Class II directors and are up for re-election at the Annual Meeting. Mr. Pomeroy and Mr. Woodward are Class III directors whose terms will expire at the 2013 annual meeting of Stockholders. Mr. Silvers is a Class II director and is not standing for re-election as a Class II director. If Ms. Sarsynski is elected as a director, she will be a Class II director.

A Stockholder can vote for, or withhold his or her vote from, any nominee. In the absence of instructions to the contrary, it is the intention of the persons named as proxies to vote such proxy FOR the election of each nominee named below. If a nominee should decline or be unable to serve as a director, it is intended that the proxy will be voted for the election of such person as is nominated by the Board as a replacement. The Board has no reason to believe that any of the nominees will be unable or unwilling to serve.

THE BOARD OF DIRECTORS, INCLUDING ITS INDEPENDENT DIRECTORS, UNANIMOUSLY RECOMMENDS THAT YOU VOTE FOR THE ELECTION OF THE NOMINEES NAMED IN THIS PROXY STATEMENT.

Information About the Nominees and Directors

Certain information with respect to the Class II nominees for election at the Meeting, as well as each of the other directors, is set forth below, including their names, ages, a brief description of their recent business experience, including present occupations and employment, certain directorships that each person holds with public companies and the year in which each person became a director of the Company. Mr. Michaud and Mr. Mahoney, nominees for Class II directors, currently serve as directors of the Company.

In April 2012, the Nominating and Corporate Governance Committee recommended that Ms. Sarsynski be nominated for election to the Board. In making such recommendation, the Nominating and Corporate Governance Committee considered, among other things, (i) Ms. Sarsynski is not an "interested person" as defined in the Investment Company Act of 1940, (ii) if elected, Ms. Sarsynski will be an "independent director" as defined in Rule 5602(a)(2) of the NASDAQ listing rules, (iii) Ms. Sarsynski meets the independence requirements of Section 10A of the Exchange Act, (iv) Ms. Sarsynski is able to read and understand fundamental financial statements, including a company's balance sheet, income statement and cash flow statement and (v) Ms. Sarsynski has the ability to contribute to the effective management of the Company. Based upon the results of the Nominating and Corporate Governance Committee's review of the foregoing factors, the Nominating and Corporate Governance Committee recommended to the Board that Ms. Sarsynski be nominated for election as a Class II member of the Board at the Annual Meeting and the Board accepted such nomination.

Each of Mr. Gerald A. Michaud, Mr. Edmund V. Mahoney and Ms. Elaine A. Sarsynski has been nominated for election as a Class II director for a three-year term expiring in 2015. Mr. Gerald A. Michaud, Mr. Edmund V. Mahoney and Ms. Elaine A. Sarsynski are not being proposed for election pursuant to any agreement or understanding by or among any of Mr. Gerald A. Michaud, Mr. Edmund V. Mahoney or Ms. Elaine A. Sarsynski and the Company.

Nominees for Class II Directors

Name, Address and Age(1)	Position(s) Held with Company	Term of Office and Length of Time Served	Principal Occupation(s) During the Past 5 Years	Other Public Company Directorships Held by Director or Nominee for Director During the Past 5 Years(2)
Interested Director Gerald A. Michaud (59)(3)	Director, President	Class II Director since March 2010; Term Expires 2012	President and a Director of the Company since March 2010 and Managing Member and President of the Company's Advisor since May 2003.	None.

Name, Address and Age(1)	Position(s) Held with Company	Term of Office and Length of Time Served	Principal Occupation(s) During the Past 5 Years	Other Public Company Directorships Held by Director or Nominee for Director During the Past 5 Years(2)
Independent Directors				
Edmund V. Mahoney (61)	Director	Class II Director since July 2010; Term Expires 2012	Vice President, Investments (Chief Investment Officer) of Vantis Life Insurance Company since September 2009. Senior Vice President, Compliance of Hartford Investment Management Company, an investment adviser registered with the SEC, from 1994 through 2009.	None.
Elaine A. Sarsynski (56)	None	Class II Director Nominee	Executive Vice President of MassMutual Life Insurance Company's Retirement Services Division since January 2008 and Chairman and CEO of MassMutual International LLC since July 2006. Senior Vice President and Chief Administrative Officer of MassMutual Life Insurance Company from 2005 through 2007.	None.

Class II Director Not Standing for Re-election (term expires at the Meeting)

Name, Address and Age(1)	Position(s) Held with Company	Term of Office and Length of Time Served	Principal Occupation(s) During the Past 5 Years	Other Public Company Directorships Held by Director or Nominee for Director During the Past 5 Years(2)
Independent Director				
Brett N. Silvers (56)	Director	Class II Director since July 2010; Term Expires 2012	President and Chief Executive Officer of WorldBusiness Capital, Inc., a commercial finance company that makes flexible long-term loans to businesses with operations and expansion projects in developing markets overseas and rural communities throughout the United States, since he founded it in 2003.	None.

Class I Directors (continuing directors not up for re-election at the Meeting)

Name, Address and Age(1)	Position(s) Held with Company	Term of Office and Length of Time Served	Principal Occupation(s) During the Past 5 Years	Other Public Company Directorships Held by Director or Nominee for Director During the Past 5 Years(2)
Interested Director David P. Swanson (38)(3)	Director	Class I Director since March 2010; Term Expires 2014	Partner in Compass Group Management LLC, manager of the day to day business and operations of Compass Diversified Holdings (NYSE: CODI), since December 2005. Mr. Swanson has been with Compass Group Management LLC and its affiliates since August 2001, serving as a Vice President from August 2001 to December 2003 and a Principal from December 2003 to December 2005.	None.
Independent Director James J. Bottiglieri (56)	Director	Class I Director since July 2010; Term Expires 2014	Director of Compass Group Diversified Holdings LLC ("CODI") since December 2005, as well as its chief financial officer since its inception in November 2005. CODI owns and manages a diverse family of established North American middle market businesses. Mr. Bottiglieri has also been an executive vice president of CODI's external manager since 2005. Mr. Bottiglieri serves as a director for several of CODI's subsidiary companies.	Member of board of directors of CODI since May 2006.

Class III Directors (continuing directors not up for re-election at the Meeting)

Name, Address and Age(1)	Position(s) Held with Company	Term of Office and Length of Time Served	Principal Occupation(s) During the Past 5 Years	Other Public Company Directorships Held by Director or Nominee for Director During the Past 5 Years(2)
Interested Director Robert D. Pomeroy, Jr. (61)(3)	Chairman of the Board of Directors, Chief Executive Officer	Class III Director since March 2010; Term Expires 2013	Chief Executive Officer of the Company since March 2010 and Chairman of the Board of the Company since July 2010. Managing Member and Chief Executive Officer of the Company's Advisor since May 2003.	None.
Independent Director Christopher B. Woodward (63)	Lead Independent Director	Class III Director since July 2010; Term Expires 2013	Private investor and corporate finance-business advisor. During the period 2000 through May 2009, he held several domestic and global management positions as a Director, CEO and CFO with Canterbury of New Zealand, a global sports apparel company.	None.

- (1) The business address of the nominees and other directors is c/o Horizon Technology Finance Management LLC, 312 Farmington Avenue, Farmington, CT 06032.
- (2) No director otherwise serves as a director of an investment company subject to the 1940 Act.
- (3) Mr. Pomeroy and Mr. Michaud are interested directors due to their positions as officers of the Company and of Horizon Technology Finance Management LLC, our Advisor. Mr. Swanson is an interested person of the Company due to his indirect ownership interest in Horizon Technology Finance Management LLC.

Corporate Governance

We believe that maintaining the highest standards of corporate governance is a crucial part of our business, and the Company is committed to having in place the necessary controls and procedures designed to ensure compliance with applicable laws, rules and regulations, as well as our own ethical standards of conduct.

Director Independence

NASDAQ corporate governance rules require listed companies to have a board of directors with at least a majority of independent directors. Under NASDAQ corporate governance rules, in order for a director to be deemed independent, the Board must determine that the individual does not have a relationship that would interfere with the director's exercise of independent judgment in carrying out his or her responsibilities. On an annual basis, each member of the Board is required to complete an independence questionnaire designed to provide information to assist the Board in determining whether the director is independent under NASDAQ corporate governance rules, the 1940 Act and our corporate governance guidelines. An independence questionnaire was completed by each member of the Board and the Board has relied on such questionnaires in making the determination of independence for each member. The Board has determined that Mr. Bottiglieri, Mr. Mahoney, Mr. Silvers and Mr. Woodward are independent under the listing standards of the NASDAQ Global Select Market and the 1940 Act. Ms. Sarsynski, a nominee for a Class II Director, completed a questionnaire in connection with her nomination to the Board and the Board has determined that she is independent under the listing standards of the NASDAQ Global Select Market and the 1940 Act. Our governance guidelines require any director who has previously been determined to be independent to inform the Chairman of the Board of Directors, the Chairman of the Nominating and Corporate Governance Committee and the Company's Corporate Secretary of any change in circumstance that may cause his or her status as an Independent Director to change. The Board limits membership on the Audit Committee and the Nominating and Corporate Governance Committee to Independent Directors.

Board of Directors' Oversight Role in Management

The Board performs its risk oversight function primarily through (1) its two standing committees, which report to the entire Board and are comprised solely of Independent Directors and (2) monitoring by the Company's Chief Compliance Officer in accordance with its compliance policies and procedures.

As described below in more detail under "Audit Committee" and "Nominating and Corporate Governance Committee," the Audit Committee and the Nominating and Corporate Governance Committee assist the Board in fulfilling its risk oversight responsibilities. The Audit Committee's risk oversight responsibilities include overseeing the Company's accounting and financial reporting processes, including the annual audit of the Company's financial statements and the Company's systems of internal controls regarding finance and accounting; pre-approving the independent accountants' engagement to render audit and/or permissible non-audit services; and evaluating the qualifications, performance and independence of the independent accountants. The Nominating and Corporate Governance Committee's risk oversight responsibilities include selecting, researching and nominating directors for election by the Company's Stockholders, developing and recommending to the Board a set of corporate governance principles and overseeing the evaluation of the Board and the Company's management.

The Board also performs its risk oversight responsibilities with the assistance of the Chief Compliance Officer. The Company's Chief Compliance Officer is required to prepare a written report annually discussing the adequacy and effectiveness of the compliance policies and procedures of the Company and certain of its service providers. The Chief Compliance Officer's report, which is reviewed by the Board, addresses at a minimum (1) the operation of the compliance policies and procedures of the Company and certain of its service providers since the last report; (2) any material changes to such policies and procedures since the last report; (3) any recommendations for material changes to such policies and procedures as a result of the Chief Compliance Officer's annual review; and (4) any compliance matter that has occurred since the date of the last report about which the Board would reasonably need to know to oversee the Company's compliance activities and risks. In addition, the Chief Compliance Officer meets separately in executive session with the Independent Directors at least once each year.

The Board believes that its role in risk oversight is effective and appropriate given the extensive regulation to which the Company is already subject as a business development company. Specifically, as a business development company, the Company must comply with certain regulatory requirements that control the levels of risk in its business and operations. For example, the Company's ability to incur indebtedness is limited such that its asset coverage must equal at least 200% immediately after each time it incurs indebtedness, and the Company generally must invest at least 70% of its total assets in "qualifying assets." In addition, the Company elected to be treated as a regulated investment company ("RIC") under Subchapter M of the Internal Revenue Code. As a RIC the Company must, among other things, meet certain income source and asset diversification requirements.

The Board believes that the extent of its and its committees' roles in risk oversight complements the Board's leadership structure. Because they are comprised solely of Independent Directors, the Audit Committee and the Nominating and Corporate Governance Committee are able to exercise their oversight responsibilities without any conflict of interest that might discourage critical questioning and review. Through regular executive session meetings with the Company's independent auditors, Chief Compliance Officer and Chief Executive Officer or Chief Financial Officer, the Independent Directors have similarly established direct communication and oversight channels that the Board believes foster open communication and early detection of issues of concern.

The Board believes that its role in risk oversight must be evaluated on a case by case basis and that the current configuration and allocation of responsibilities among the Board and its committees with respect to the oversight of risk is appropriate. However, the Board and its committees continually re-examine the manner in which they administer their respective risk oversight functions, including through formal annual assessments of performance, to ensure that they meet the needs of the Company's Stockholders.

Board of Directors Composition and Leadership Structure

The 1940 Act requires that at least a majority of the Company's directors not be "interested persons" (as defined in the 1940 Act) of the Company. Currently, four of the Company's seven directors are Independent Directors; however, the Chairman of the Board of Directors is an interested person of the Company. While the Board has no fixed policy regarding the separation of the positions of Chief Executive Officer and Chairman of the Board, the Independent Directors believe that the combined position of Chief Executive Officer of the Company and Chairman of the Board of Directors of the Company results in greater efficiencies in managing the Company by eliminating the need to transfer substantial information quickly and repeatedly between the Chief Executive Officer and the Chairman, and the ability to capitalize on the specialized knowledge acquired from the duties of the roles.

Our Chief Executive Officer, Robert D. Pomeroy, Jr., is chairman of our Board and an "interested person" under Section 2(a)(19) of the 1940 Act. Christopher B. Woodward is our lead independent director. Under the Company's Bylaws, the Board is not required to have an independent chairman. Many significant corporate governance duties of the Board are executed by committees of independent directors, each of which has an independent chairman. We believe that it is in the best interests of the Company's Stockholders for Mr. Pomeroy to lead the Board because of his broad experience. As a co-founder of our Advisor, Mr. Pomeroy has demonstrated a track record of achievement on strategic and operating aspects of our business. While the Board regularly evaluates alternative structures, we believe that, as a business development company, it is appropriate for one of the Company's co-founders, Chief Executive Officer and a member of our Advisor's investment committee to perform the functions of chairman of the board, including leading discussions of strategic issues we expect the Company to face. We believe the current structure of the Board provides appropriate guidance and oversight while also enabling ample opportunity for direct communication and interaction between management and the Board.

Information About Each Director's Experience, Qualifications, Attributes or Skills

Below is additional information about each director (supplementing the information provided in the table above) that describes some of the specific experiences, qualifications, attributes and/or skills that each director possesses, and which the Board believes has prepared each director to be an effective Board member. The Board believes that the significance of each director's experience, qualifications, attributes and/or skills is an individual matter (meaning that experience that is important for one director may not have the same value for another) and that these factors are best evaluated at the Board level, with no single director, or particular factor, being indicative of Board effectiveness. However, the Board believes that directors need to have the ability to review, evaluate, question and discuss critical information provided to them, and to interact effectively with Company management, service providers and counsel, in order to exercise effective business judgment in the performance of their duties. The Board believes that its members satisfy this standard. Experience relevant to having this ability may be achieved through a director's educational background, business, professional training or practice (e.g., finance, accounting or law), public service or academic positions, experience from service as a board member (including the Board) or as an executive of investment funds, public companies or significant private or not-for-profit entities or other organizations, and/or other life experiences. The Board and its Committees have the ability to engage other experts as appropriate. The Board evaluates its performance on an annual basis.

Experience, Qualifications, Attributes and/or Skills that Led to the Board's Conclusion that such Persons Should Serve as Directors of the Company

The Board believes that each director brings a strong and unique background and set of skills to the Board, giving the Board, as a whole, competence and experience in a wide variety of areas, including corporate governance and board service, executive management, finance, private equity, workout and turnaround situations, manufacturing and marketing. Below is a description of the various experiences, qualifications, attributes and/or skills with respect to each director considered by the Board.

Interested Directors

Robert D. Pomeroy, Jr.

Mr. Pomeroy has been a Managing Member and the Chief Executive Officer of the Advisor since its formation. He has more than 35 years of experience in diversified lending and leasing, including positions in sales, marketing and senior management. He has held the positions as chief executive officer or general manager of each organization that he has led since 1996. His responsibilities have included: accountability for the overall profit and loss of the organization, credit authority and credit committee oversight, strategic planning, human resource oversight including hiring, termination and compensation, reporting compliance for his business unit, investor relations, fund raising and all aspects of corporate governance. Mr. Pomeroy founded and has operated the Advisor, a technology lending management company. Prior to founding our Advisor, Mr. Pomeroy was the Senior Vice President of Financing for Science International, Inc., Executive Vice President of Transamerica Business Credit and the General Manager of its Technology Finance Division and President of GATX Ventures, Inc. This experience has provided him with extensive judgment, experience, skills and knowledge to make a significant contribution as Chairman of the Board and supporting the Board's ability to govern the Company's affairs and business.

Gerald A. Michaud

Mr. Michaud has been a Managing Member and the President of the Advisor since its formation. He has extensive knowledge and expertise in venture lending and has developed, implemented and executed on marketing strategies and products targeted at the venture-backed technology and life science markets for a period of over 20 years. In addition, he has extensive knowledge in the formation of compensation plans for key employees involved in the marketing of venture loans. He is a member of our Advisor's Credit Committee responsible for approving all investments made by the Company and oversight of our portfolio. He has held senior management positions with several technology lending organizations within public companies, including Transamerica Business Credit and GATX Ventures, Inc. As senior vice president and senior business development officer at Transamerica, he was responsible for more than \$700 million in loan transactions. This experience, particularly with respect to marketing and business development, has provided Mr. Michaud with the judgment, knowledge, experience, skills and expertise that enhance the Board's ability to manage and direct the Company's affairs.

David P. Swanson

Mr. Swanson is a partner in Compass Group Management LLC and currently serves on the boards of directors of four privately held companies. With additional experience and knowledge gained from other board positions on various committees on private portfolio companies, he has a broad base of experience and skills to bring to the Board. Mr. Swanson has gained extensive experience as a partner with Compass Group Management LLC in evaluating and structuring transactions, completing due diligence, executing and closing on acquisitions and financings of operating companies as well as taking privately held companies public. Prior to joining Compass Group Management LLC, he gained experience in investment banking, including capital raising and business strategy and execution. Mr. Swanson provides the Board with expertise in business and corporate governance matters and assists the Board in its ability to manage and direct the Company's affairs.

Independent Directors

James J. Bottiglieri

Mr. Bottiglieri brings to the Board substantial experience in identifying, managing and resolving accounting, tax and other financial issues often encountered by public companies through his positions as the chief financial officer and a director of CODI, as well as a director for several of CODI's subsidiary companies, and as the senior vice president/controller of WebMD. In addition, as the chief financial officer and director of a public company, CODI, Mr. Bottiglieri has developed an extensive understanding of the various periodic reporting requirements and corporate governance compliance matters that assist the Board in managing and directing the Company's affairs. This experience, particularly with respect to the areas of accounting and corporate governance, provides the Board with expertise that assists the Board in its ability to manage and direct the Company's affairs.

Edmund V. Mahoney

Mr. Mahoney brings to the Board pertinent experience in portfolio management, as well as in-depth knowledge of investment advisor compliance, funds management and performance measurement and pricing of investments. In addition, through his past experiences he has unique knowledge of international finance, as well as risk management strategies for foreign exchange and property and casualty operations. This vast experience, particularly in the areas of business, risk management and compliance matters that affect investment companies, enhances the Board's ability to manage and direct the Company's affairs.

Christopher B. Woodward

Mr. Woodward brings to the Board a deep understanding of corporate finance, including experience with private placements, public offerings, venture capital investing, international management and financial advising and restructuring. Additionally, as a practicing CPA with a leading firm, Mr. Woodward gained extensive accounting and audit experience. Mr. Woodward has the financial and accounting expertise necessary to enhance the Board's oversight of the Company and its ability to manage and direct the Company's affairs.

Elaine A. Sarsynski

Ms. Sarsynski is a senior executive with Massachusetts Mutual Life Insurance Company ("MassMutual") and brings to the Board a strong background in corporate finance, human resources and corporate communications. In addition to her experience at MassMutual, Ms. Sarsynski held senior management roles at Aetna overseeing segments of its investment division and leading its corporate finance department. Her corporate finance activities included rating agency management, banking relationships, capital allocation and currency hedging. Ms. Sarsynski's extensive experience will enhance the Board's ability to manage and direct the Company's business.

Board of Directors Meetings and Committees

The Board has established an Audit Committee and a Nominating and Corporate Governance Committee. For the year ended December 31, 2011, the Board held eleven meetings, the Audit Committee held four meetings and the Nominating and Corporate Governance Committee held two meetings. All directors attended at least 75% of the aggregate number of meetings of the Board and of the respective committees on which they served. The Company requires each director to make a diligent effort to attend all Board and Committee meetings and encourages directors to attend the annual meeting of Stockholders. All members of the Board attended the 2011 Annual Meeting of the Stockholders.

Audit Committee

The members of the Audit Committee are Mr. Bottiglieri, Mr. Woodward and Mr. Silvers, each of whom is independent for purposes of the 1940 Act and the NASDAQ corporate governance rules. If elected at the Annual Meeting, it is anticipated that Elaine A. Sarsynski, who is independent for purposes of the 1940 Act and the NASDAQ corporate governance rules, will be appointed to the Audit Committee to replace Mr. Silvers, who is not standing for re-election as a Class II director. Mr. Bottiglieri serves as Chairman of the Audit Committee. The Audit Committee operates pursuant to an Audit Committee Charter approved by the Board. The charter sets forth the responsibilities of the Audit Committee, which include selecting or retaining each year an independent registered public accounting firm (the "auditors") to audit the accounts and records of the Company; reviewing and discussing with management and the auditors the annual audited financial statements of the Company, including disclosures made in management's discussion and analysis of financial condition and results of operations, and recommending to the Board whether the audited financial statements should be included in the Company's Annual Report on Form 10-K; reviewing and discussing with management and the auditors the Company's quarterly financial statements prior to the filing of its Quarterly Reports on Form 10-Q; pre-approving the auditors' engagement to render audit and/or permissible non-audit services; and evaluating the qualifications, performance and independence of the auditors. The Audit Committee is also responsible for aiding the Board in fair value pricing of debt and equity securities. The Board and Audit Committee use the services of an independent valuation firm to help them determine the fair value of certain securities. The Board has determined that Mr. Bottiglieri qualifies as an "audit committee financial expert" as that term is defined under Item 407 of Regulation S-K under the Exchange Act. The Audit Committee Charter is available on the Company's website www.horizontechnologyfinancecorp.com.

Nominating and Corporate Governance Committee

The members of the Nominating and Corporate Governance Committee are Mr. Mahoney, Mr. Silvers and Mr. Bottiglieri, each of whom is independent for purposes of the 1940 Act and the NASDAQ corporate governance rules. If elected at the Annual Meeting, it is anticipated that Elaine A. Sarsynski, who is independent for purposes of the 1940 Act and the NASDAQ corporate governance rules, will be appointed to the Nominating and Corporate Governance Committee to replace Mr. Silvers, who is not standing for re-election as a Class II director. Mr. Mahoney serves as Chairman of the Nominating and Corporate Governance Committee. The Nominating and Corporate Governance Committee is responsible for selecting, researching and nominating directors for election by our Stockholders, selecting nominees to fill vacancies on the Board or a committee of the Board, developing and recommending to the Board a set of corporate governance principles and overseeing the evaluation of the Board and our management. The Nominating and Corporate Governance Committee has adopted a written Nominating and Corporate Governance Committee Charter that is available on the Company's website (www.horizontechnologyfinancecorp.com).

The Nominating and Corporate Governance Committee will consider Stockholder recommendations for possible nominees for election as directors when such recommendations are submitted in accordance with the Company's Bylaws, the Nominating and Corporate Governance Committee Charter and any applicable law, rule or regulation regarding director nominations. Nominations should be sent to John C. Bombara, Secretary, c/o Horizon Technology Finance Corporation, 312 Farmington Avenue, Farmington, Connecticut 06032. When submitting a nomination to the Company for consideration, a Stockholder must provide all information that would be required under applicable SEC rules to be disclosed in connection with election of a director, including the following minimum information for each director nominee: full name, age and address; principal occupation during the past five years; directorships on publicly held companies and investment companies during the past five years; number of shares of our Common Stock owned, if any; and a written consent of the individual to stand for election if nominated by the Board and to serve if elected by the Stockholders.

Criteria considered by the Nominating and Corporate Governance Committee in evaluating the qualifications of individuals for election as members of the Board include compliance with the independence and other applicable requirements of the NASDAQ corporate governance rules and the 1940 Act, and all other applicable laws, rules, regulations and listing standards; the criteria, policies and principles set forth in the Nominating and Corporate Governance Committee Charter; and the knowledge, experience, integrity and judgment of each individual, the potential contribution of each individual to the diversity of backgrounds, experience and competencies which our Board desires to have represented, each individual's ability to devote sufficient time and effort to his or her duties as a director, independence and willingness to consider all strategic proposals, any other criteria established by the Board and any core competencies or technical expertise necessary to staff the Board's committees. In addition, the Nominating and Corporate Governance Committee will assess whether an individual possesses the integrity, judgment, knowledge, experience, skills and expertise that are likely to enhance the Board's ability to manage and direct the Company's affairs and business, including, when applicable, to enhance the ability of committees of the Board to fulfill their respective duties. The Nominating and Corporate Governance Committee has not adopted a formal policy with regard to the consideration of diversity in identifying individuals for election as members of the Board, but the Committee will consider such factors as it may deem are in the best interests of the Company and its Stockholders. Those factors may include a person's differences of viewpoint, professional experience, education and skills, as well as his or her race, gender and national origin. In addition, as part of the Board's annual self-assessment, the members of the Nominating and Corporate Governance Committee evaluate the membership of the Board and whether the Board maintains satisfactory policies regarding membership selection.

Compensation Committee

We do not have a compensation committee because the Company's executive officers do not receive compensation from the Company.

Stockholder Communication with the Board of Directors

Stockholders with questions about the Company are encouraged to contact the Company's Investor Relations Department at 312 Farmington Avenue, Farmington, Connecticut 06032 or by visiting the investor relations web page on our website at www.horizontechnologyfinancecorp.com. However, if Stockholders believe that their questions have not been addressed, they may communicate with the Company's Board by sending their communications to John C. Bombara, Secretary, c/o Horizon Technology Finance Corporation, 312 Farmington Avenue, Farmington, Connecticut 06032. All Stockholder communications received in this manner will be delivered to one or more members of the Board.

Information About Executive Officers Who are Not Directors

The following information pertains to the Company's executive officers who are not directors of the Company.

<u>Name, Address and Age(1)</u>	<u>Position(s) held with Company</u>	<u>Principal Occupation(s) During the Past 5 Years</u>
Christopher M. Mathieu (46)	Senior Vice President, Chief Financial Officer and Treasurer	Senior Vice President, Chief Financial Officer and Treasurer of the Company since July 2010. Senior Vice President and Chief Financial Officer of Horizon Technology Finance Management LLC, our Advisor and an original member of the team that founded our Advisor's predecessor in May 2003. Mr. Mathieu has been involved in the accounting, finance and venture debt industries for more than 22 years.
John C. Bombara (48)	Senior Vice President, General Counsel, Chief Compliance Officer and Secretary	Senior Vice President, General Counsel, Chief Compliance Officer and Secretary of the Company since July 2010. Mr. Bombara is an original member of the team that founded the predecessor of our Advisor in May 2003 and is its Senior Vice President, General Counsel, Chief Compliance Officer and Secretary. Mr. Bombara oversees all legal functions for our Advisor, including negotiating and documenting most of its investments. Mr. Bombara has more than 20 years of experience providing legal services to financial institutions and other entities and individuals.
Daniel S. Devorsetz (41)	Senior Vice President and Chief Credit Officer	Senior Vice President and Chief Credit Officer since July 2010. Mr. Devorsetz has been with our Advisor since October 2004 and has been its Senior Vice President and the Chief Credit Officer since that time. He is responsible for underwriting and portfolio management. Mr. Devorsetz has more than 10 years of financial services and lending experience, including spending the past nine years in the venture lending industry.

(1) The business address of each of the Company's executive officers is c/o Horizon Technology Finance Management LLC, 312 Farmington Avenue, Farmington, CT 06032.

Code of Conduct and Codes of Ethics

We expect each of the Company's officers and directors, as well as any person affiliated with the Company's operations, to act in accordance with the highest standards of personal and professional integrity at all times, and to comply with the Company's policies and procedures and all laws, rules and regulations of any applicable international, federal, provincial, state or local government. To this effect, the Company has adopted a Code of Conduct, which is posted on the Company's website at www.horizontechnologyfinancecorp.com. The Code of Conduct applies to the Company's directors, executive officers, officers and their respective staffs.

The Company and the Company's Advisor have each adopted a code of ethics pursuant to Rule 17j-1 under the 1940 Act and Rule 204A-1 under the Advisers Act, respectively, that establishes procedures for personal investments and restricts certain personal securities transactions. Personnel subject to each code may invest in securities for their personal investment accounts, including securities that may be purchased or held by the Company, so long as such investments are made in accordance with the code's requirements. The Company filed each Code of Ethics as an exhibit to the Company's Annual Report on Form 10-K, filed with the SEC on March 13, 2012, and you may access it via the Internet site of the SEC at www.sec.gov or our website at www.horizontechnologyfinancecorp.com. We intend to disclose any material amendments to or waivers of required provisions of our Code of Conduct or the Code of Ethics on Form 8-K.

The Company has adopted a hedging policy which prohibits the Company's directors and executive officers from hedging their ownership of the Company's securities, including trading in publicly-traded options, puts, calls or other derivative instruments related to the Company's stock or debt.

Compensation of Directors

Each of the Company's independent directors receives an annual fee of \$35,000. Each member of the Audit Committee is paid an annual fee of \$7,500 and each member of each other committee is paid an annual fee of \$5,000. In addition, the chairman of the Audit Committee receives an additional annual fee of \$10,000 and each chairman of any other committee receives an additional annual fee of \$7,500 for their additional services, if any, in these capacities. Our lead independent director is also paid an annual fee of \$10,000. The Company reimburses all of its directors for their reasonable out-of-pocket expenses incurred in attending Board and committee meetings. No compensation is expected to be paid to directors who are "interested persons" of the Company, as such term is defined in the 1940 Act.

Compensation of Directors and Executive Officers

The following table shows information regarding the compensation paid by the Company to its directors for the year ended December 31, 2011. No compensation was paid directly by the Company to any interested director or executive officer of the Company.

Name	Aggregate Compensation from the Company(1)	Pension or Retirement Benefits Accrued as Part of Our Expense(2)	Total to be paid to Director/Officer(2)
Independent Directors			
James J. Bottiglieri	\$ 57,500	None	\$ 57,500
Edmund V. Mahoney	\$ 47,500	None	\$ 47,500
Brett N. Silvers(3)	\$ 47,500	None	\$ 47,500
Christopher B. Woodward	\$ 52,500	None	\$ 52,500
Interested Directors			
Robert D. Pomeroy, Jr.	None	None	None
Gerald A. Michaud	None	None	None
David P. Swanson	None	None	None
Executive Officers			
Christopher M. Mathieu	None	None	None
John C. Bombara	None	None	None
Daniel S. Devorsetz	None	None	None

(1) The amounts listed are amounts for the year ending December 31, 2011.

(2) We do not have a profit sharing or retirement plan, and directors do not receive any pension or retirement benefits from us.

(3) Mr. Silvers is not standing for re-election as a Class II director.

Certain Relationships and Related Party Transactions

The Company has entered into an investment advisory and management agreement (the “Investment Management Agreement”) with Horizon Technology Finance Management LLC, as its Advisor. The Advisor is registered as an investment adviser under the Investment Advisers Act of 1940 (the “Advisers Act”). The investment activities are managed by the Advisor and supervised by the Board, the majority of whom are Independent Directors. Under the Investment Management Agreement, the Company has agreed to pay the Advisor an annual management fee based on its adjusted gross assets as well as an incentive fee based on the Company’s investment performance. Robert D. Pomeroy, Jr., the Company’s Chief Executive Officer, and Gerald A. Michaud, the Company’s President, are the Managing Members of the Advisor.

The Company has also entered into an administration agreement (the “Administration Agreement”) with Horizon Technology Finance Management LLC, as its Administrator. Under the Administration Agreement, we have agreed to reimburse the Administrator for the Company’s allocable portion of overhead and other expenses incurred by the Administrator in performing its obligations under the Administration Agreement, including rent and our allocable portion of the costs of compensation and related expenses of the Company’s General Counsel, Secretary and Chief Compliance Officer, the Company’s Chief Financial Officer and their respective staffs. In addition, pursuant to the terms of the Administration Agreement, Horizon Technology Finance Management LLC, as the Administrator, provides the Company with the office facilities and administrative services necessary to conduct the Company’s day-to-day operations.

The predecessor of the Advisor has granted the Company a non-exclusive, royalty-free license to use the name “Horizon Technology Finance.” The address of our Advisor and Administrator is 312 Farmington Avenue, Farmington, Connecticut 06032.

In October 2010, the Company entered into a registration rights agreement with respect to 2,645,124 shares acquired by Compass Horizon Partners, LP and HTF-CHF Holdings LLC in connection with the exchange of membership interests in Compass Horizon Funding Company LLC for shares of the Company’s Common Stock. As a result and subject to the terms and conditions of the registration rights agreement, at any time following 365 days after the completion of our initial public offering the holders of a majority-in-interest of the shares subject to the registration rights agreement (including permitted transferees) can require up to a maximum of three times that the Company file a registration statement under the Securities Act of 1933, as amended (the “Securities Act”) relating to the resale of all or a part of the shares. In addition, the registration rights agreement also provides for piggyback registration rights with respect to any future registrations of the Company’s equity securities and the right to require the Company to register the resale of their shares on a “shelf” Registration Statement on Form N-2 at any time following 365 days after the completion of the Company’s initial public offering. In connection with a “shelf” Registration Statement on Form N-2 filed December 15, 2011, as amended, the Company registered 1,305,124 shares pursuant to its contractual obligations under the registration rights agreement, as well as a total of 17,545 shares acquired by Compass Horizon Partners, LP and HTF-CHF Holdings LLC pursuant to the Company’s dividend reinvestment plan.

We believe that we derive substantial benefits from our relationship with our Advisor. Our Advisor may manage other investment vehicles (“Advisor Funds”) with the same investment strategy as us. The Advisor may provide us an opportunity to co-invest with the Advisor Funds. Under the 1940 Act, absent receipt of exemptive relief from the SEC, we and our affiliates may be precluded from co-investing in such investments. Accordingly, we may apply for exemptive relief which would permit us to co-invest subject to certain conditions, including, without limitation, approval of such investments by both a majority of our directors who have no financial interest in such transaction and a majority of directors who are not “interested directors” as defined in the 1940 Act.

The Audit Committee, in consultation with the Company’s Chief Executive Officer, Chief Compliance Officer and legal counsel, has established a written policy to govern the review of potential related party transactions. The Audit Committee conducts quarterly reviews of any potential related party transactions and, during these reviews, it also considers any conflicts of interest brought to its attention pursuant to the Company’s Code of Conduct or the Company’s or the Advisor’s Code of Ethics.

**PROPOSAL 2: RATIFICATION OF
SELECTION OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

McGladrey & Pullen, LLP (“McGladrey”) has been selected as the independent registered public accounting firm to audit the consolidated financial statements of the Company and its subsidiaries at and during the Company’s year ending December 31, 2012. McGladrey was selected by the Audit Committee of the Company, and that selection was ratified by a majority of the Company’s Board, including all of the Independent Directors, by a vote cast in person. The Company does not know of any direct or indirect financial interest of McGladrey in the Company. Representative(s) of McGladrey will attend the Meeting and will have the opportunity to make a statement if they desire to do so and will be available to answer questions.

The chart below sets forth the total amount billed to the Company by McGladrey for services performed for the year ended December 31, 2011 and breaks down these amounts by category of service:

Audit Fees(1)	\$ 250,319
Audit-Related Fees(2)	15,039
Tax Fees(3)	14,125
All Other Fees(4)	—
Total	\$ 279,483

- (1) “Audit Fees” are fees billed by McGladrey for professional services rendered for the audit of our year-end financial statements and services that are normally provided by McGladrey in connection with statutory and regulatory filings. Of the Audit Fees billed, \$18,000 related to the Company’s Form N-2 Registration Statement filing during 2011.
- (2) “Audit-Related Fees” are fees billed by McGladrey for audit-related services and consist of fees billed for assurance and related services that are reasonably related to the performance of the audit or review of our financial statements and are not reported under “Audit Fees.” These services include attest services that are not required by statute or regulation and consultations concerning financial accounting and reporting standards.
- (3) “Tax fees” are fees billed by RSM McGladrey, Inc., an affiliate of McGladrey, for professional services rendered in connection with tax compliance. On December 1, 2011, McGladrey acquired RSM McGladrey, Inc.
- (4) “All Other Fees” are fees billed by McGladrey for products and services other than the services reported above.

The Audit Committee has established a pre-approval policy that describes the permitted audit, audit-related, tax and other services to be provided by McGladrey. The policy requires that the Audit Committee pre-approve the audit and permissible non-audit services performed by the independent auditor in order to assure that the provision of such service does not impair the auditor’s independence.

Any requests for audit, audit-related, tax and other services that have not received general pre-approval must be submitted to the Audit Committee for specific pre-approval and cannot commence until such approval has been granted. Normally, pre-approval is provided at regularly scheduled meetings of the Audit Committee. However, the Audit Committee may delegate pre-approval authority to one or more of its members. The member or members to whom such authority is delegated shall report any pre-approval decisions to the Audit Committee at its next scheduled meeting. The Audit Committee does not delegate its responsibilities to pre-approve services performed by the independent auditor to management.

THE BOARD OF DIRECTORS, INCLUDING THE INDEPENDENT DIRECTORS, UNANIMOUSLY RECOMMENDS THAT YOU VOTE FOR RATIFICATION OF MCGLADREY & PULLEN, LLP AS THE INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM TO THE COMPANY FOR THE YEAR ENDING DECEMBER 31, 2012.

Audit Committee Report¹

The following is the report of the Audit Committee with respect to the Company's audited financial statements for the year ended December 31, 2011.

The Audit Committee has reviewed and discussed the Company's audited financial statements with management and McGladrey, the Company's independent registered public accounting firm, with and without management present. The Audit Committee included in its review results of McGladrey's examinations, the Company's internal controls and the quality of the Company's financial reporting. The Audit Committee also reviewed the Company's procedures and internal control processes designed to ensure full, fair and adequate financial reporting and disclosures, including procedures for certifications by the Company's chief executive officer and chief financial officer that are required in periodic reports filed by the Company with the SEC. The Audit Committee is satisfied that the Company's internal control system is adequate and that the Company employs appropriate accounting and auditing procedures.

The Audit Committee also has discussed with McGladrey matters relating to McGladrey's judgments about the quality, as well as the acceptability, of the Company's accounting principles as applied in its financial reporting as required by Statement on Auditing Standards No. 61, *Communication with Audit Committees*, as currently in effect. In addition, the Audit Committee has discussed with McGladrey their independence from management and the Company, as well as the matters in the written disclosures received from McGladrey and required by Public Company Accounting Oversight Board Rule 3526 (Auditor Independence). The Audit Committee received a letter from McGladrey confirming their independence and discussed it with them. The Audit Committee discussed and reviewed with McGladrey the Company's critical accounting policies and practices, internal controls, other material written communications to management and the scope of McGladrey's audits and all fees paid to McGladrey during the year. The Audit Committee adopted guidelines requiring review and pre-approval by the Audit Committee of audit and non-audit services performed by McGladrey for the Company. The Audit Committee has reviewed and considered the compatibility of McGladrey's performance of non-audit services with the maintenance of McGladrey's independence as the Company's independent registered public accounting firm.

Based on the Audit Committee's review and discussions referred to above, the Audit Committee recommended to the Board of Directors (and the Board of Directors has approved) that the Company's audited financial statements be included in the Company's Annual Report on Form 10-K for the year ended December 31, 2011 for filing with the SEC. In addition, the Audit Committee has engaged McGladrey to serve as the Company's independent registered public accounting firm for the year ending December 31, 2012, and has directed that the selection of McGladrey should be submitted to the Company's Stockholders for ratification.

The Audit Committee

James J. Bottiglieri, Chair

Brett N. Silvers

Christopher B. Woodward

¹ The material in this report is not "soliciting material," is not deemed "filed" with the SEC, and is not to be incorporated by reference into any filing of the Company under the Securities Act or the Exchange Act, whether made before or after the date hereof and irrespective of any general incorporation language in any such filing.

OTHER BUSINESS

The Board knows of no other matter that is likely to come before the Meeting or that may properly come before the Meeting, apart from the consideration of an adjournment or postponement.

If there appears not to be enough votes for a quorum or to approve the proposals at the Meeting the Stockholders who are represented in person or by proxy may vote to adjourn the Meeting to permit the further solicitation of proxies. The person(s) named as proxies will vote proxies held by them for such adjournment.

ANNUAL AND QUARTERLY REPORTS

Copies of the Company's Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K are available at our website at www.horizontechnologyfinancecorp.com or without charge upon request. Please direct your request to Horizon Technology Finance Corporation, Attention: Investor Relations, 312 Farmington Avenue, Farmington, Connecticut 06032. Copies of such reports are also posted via EDGAR on the SEC's website at www.sec.gov.

SUBMISSION OF STOCKHOLDER PROPOSALS

The Company expects that the 2013 Annual Meeting of Stockholders will be held in May 2013, but the exact date, time and location of such meeting have yet to be determined. A Stockholder who intends to present a proposal at that annual meeting, including nomination of a director, must submit the proposal in writing addressed to John C. Bombara, Secretary, c/o Horizon Technology Finance Corporation, 312 Farmington Avenue, Farmington, Connecticut 06032. Notices of intention to present proposals, including nomination of a director, at the 2013 annual meeting must be received by the Company between December 3, 2012 and 5:00 p.m. Eastern Time on January 2, 2013. In order for a proposal to be considered for inclusion in the Company's proxy statement for the 2013 annual meeting, the Company must receive the proposal no later than December 3, 2012. The submission of a proposal does not guarantee its inclusion in the Company's proxy statement or presentation at the meeting unless certain securities law requirements are met. The Company reserves the right to reject, rule out of order or take other appropriate action with respect to any proposal that does not comply with these and other applicable requirements.

The Company's Audit Committee has established guidelines and procedures regarding the receipt, retention and treatment of complaints regarding accounting, internal accounting controls or auditing matters (collectively, "Accounting Matters"). Persons with complaints or concerns regarding Accounting Matters may submit their complaints to the Company's Chief Compliance Officer. Persons who are uncomfortable submitting complaints to the Chief Compliance Officer, including complaints involving the Chief Compliance Officer, may submit complaints directly to the Company's Audit Committee Chair. Complaints may be submitted on an anonymous basis.

The Chief Compliance Officer may be contacted at:

Mr. John C. Bombara
Horizon Technology Finance Corporation
Chief Compliance Officer
312 Farmington Avenue
Farmington, Connecticut 06032

The Audit Committee Chair may be contacted at:

Mr. James J. Bottiglieri
c/o Horizon Technology Finance Corporation
Audit Committee Chair
312 Farmington Avenue
Farmington, Connecticut 06032

You are cordially invited to attend the Company's Annual Meeting of Stockholders in person. Whether or not you plan to attend the Meeting, you are requested to please complete, date, sign and promptly return the accompanying proxy card in the enclosed postage-paid envelope or to vote via the Internet, so that you may be represented at the Meeting.

By Order of the Board of Directors,

A handwritten signature in black ink, appearing to read "J. C. Bombara", written over a horizontal line.

John C. Bombara
Secretary

Farmington, Connecticut
April 26, 2012



Horizon Technology Finance

312 FARMINGTON AVENUE
FARMINGTON, CT 06032

Investor Address Line 1
Investor Address Line 2
Investor Address Line 3
Investor Address Line 4
Investor Address Line 5
John Sample
1234 ANYWHERE STREET
ANY CITY, ON A1A 1A1

1 OF 2
1
2

VOTE BY INTERNET - www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 P.M. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

ELECTRONIC DELIVERY OF FUTURE PROXY MATERIALS

If you would like to reduce the costs incurred by our company in mailing proxy materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via e-mail or the Internet. To sign up for electronic delivery, please follow the instructions above to vote using the Internet and, when prompted, indicate that you agree to receive or access proxy materials electronically in future years.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions up until 11:59 P.M. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

NAME

THE COMPANY NAME INC. - COMMON
THE COMPANY NAME INC. - CLASS A
THE COMPANY NAME INC. - CLASS B
THE COMPANY NAME INC. - CLASS C
THE COMPANY NAME INC. - CLASS D
THE COMPANY NAME INC. - CLASS E
THE COMPANY NAME INC. - CLASS F
THE COMPANY NAME INC. - 401 K

CONTROL # → 000000000000

SHARES 123,456,789,012.12345
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PAGE 1 OF 2

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:



KEEP THIS PORTION FOR YOUR RECORDS
DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

The Board of Directors recommends you vote FOR the following:

1. Election of Directors Nominees

01 Gerald A. Michaud 02 Edmund V. Mahoney 03 Elaine A. Sarsynski

For All Withhold All For All Except

To withhold authority to vote for any individual nominee(s), mark "For All Except" and write the number(s) of the nominee(s) on the line below.



The Board of Directors recommends you vote FOR the following proposal:

2 To ratify the selection of McGladrey & Pullen, LLP as Horizon Technology Finance Corporation's independent registered public accounting firm for the fiscal year ending December 31, 2012.

For Against Abstain

For address change/comments, mark here. (see reverse for instructions)

Yes No

Please indicate if you plan to attend this meeting

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name, by authorized officer.

Investor Address Line 1
Investor Address Line 2
Investor Address Line 3
Investor Address Line 4
Investor Address Line 5
John Sample
1234 ANYWHERE STREET
ANY CITY, ON A1A 1A1

Signature [PLEASE SIGN WITHIN BOX] Date

JOB #

Signature (Joint Owners) Date

SHARES
CUSIP #
SEQUENCE #

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02 000000000000



Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting: The Form 10-K, Notice & Proxy Statement is/are available at www.proxyvote.com.

HORIZON TECHNOLOGY FINANCE CORPORATION
Annual Meeting of Stockholders
June 11, 2012 9:00 AM
This proxy is solicited by the Board of Directors

The undersigned hereby appoints Robert D. Pomeroy, Jr. and Christopher M. Mathieu, or either one of them, and each with full power of substitution, to act as attorneys and proxies for the undersigned to vote all of the shares of Common Stock of Horizon Technology Finance Corporation (the "Company") which the undersigned is entitled to vote at the Annual Meeting of Stockholders of the Company to be held at the offices of the Company, located at 312 Farmington Avenue, Farmington, Connecticut 06032 on June 11, 2012 at 9:00 AM, Eastern Time, and at all adjournments thereof, as indicated on this proxy.

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors' recommendations.

Address change/comments:

(If you noted any Address Changes and/or Comments above, please mark corresponding box on the reverse side.)

Continued and to be signed on reverse side

0000141043_2_R1.0.0.11699

