

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

PIONEER HIGH INCOME TRUST

Form N-Q/A

March 04, 2014

OMB APPROVAL

OMB Number: 3235-0578

Expires: January 31, 2016

Estimated average burden  
hours per response.....

10.5

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS  
OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-21823

Pioneer High Income Trust  
(Exact name of registrant as specified in charter)

60 State Street, Boston, MA 02109  
(Address of principal executive offices) (ZIP code)

Terrence J. Cullen, Pioneer Investment Management, Inc.,  
60 State Street, Boston, MA 02109  
(Name and address of agent for service)

Registrant's telephone number, including area code: (617) 742-7825

Date of fiscal year end: March 31

Date of reporting period: December 31, 2013

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after close of the first and third fiscal quarters, pursuant to Rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. ss. 3507.

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

<PAGE>

ITEM 1. Schedule of Investments.

File the schedules as of the close of the reporting period as set forth in ss. 210.12-12 12-14 of Regulation S-X [17 CFR 210.12-12 12-14]. The schedules need not be audited.

Pioneer High

Income Trust

NQ | December 31, 2013

Ticker Symbol: PHT

| Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings |   | Value      |
|---------------------------------|------------------------|---|------------|
|                                 |                        | ASSET BACKED SECURITIES - 1.5% of<br>Net Assets   |            |
|                                 |                        | BANKS - 0.2%  |            |
|                                 |                        | Thriffs & Mortgage Finance - 0.2%   |            |
| 102,910(a)                      | CCC/Caa3               | Amortizing Residential Collateral Trust,<br>Series 2002-BC1, Class M1, 1.44%, 1/25/32         | \$ 67,783  |
| 125,000                         | BB/NR                  | CarNow Auto Receivables Trust,<br>Series 2012-1A, Class D, 6.9%, 11/15/16<br>(144A)           | 127,493    |
| 412,000(b)                      | CCC/CC                 | Citicorp Residential Mortgage Trust,<br>Series 2006-2, Class M1, 5.918%, 9/25/36              | 374,045    |
| 250,000(c)                      | B-/B3                  | Security National Mortgage Loan Trust,<br>Series 2007-1A, Class 1A3, 6.55%, 4/25/37<br>(144A) | 245,124    |
|                                 |                        | Total Banks   | \$ 814,445 |

|              |  |              |  |
|--------------|--|--------------|--|
|              | CONSUMER SERVICES - 0.6%   |              |  |
|              | Hotels, Resorts, Cruise Lines - 0.6%   |              |  |
| 286,036      | BB/NRWestgate Resorts LLC, Series 2012-2A,<br>Class C, 9.0%, 1/20/25 (144A)                    | \$ 295,333   |  |
| 1,785,614    | NR/NRWestgate Resorts LLC, Series 2012-BA,<br>Class A, 9.5%, 2/20/25 (144A)                    | 1,828,469    |  |
| 197,988      | NR/NRWestgate Resorts LLC, Series 2013-1A,<br>Class B, 3.75%, 8/20/25 (144A)                   | 195,444      |  |
|              | Total Consumer Services  | \$ 2,319,246 |  |
|              | FINANCIALS - 0.1%  |              |  |
|              | Thriffs & Mortgage Finance - 0.1%  |              |  |
| 660,000(c)   | NR/NRGMAT Trust, Series 2013-1A, Class M,<br>5.0%, 11/25/43 (144A)                             | \$ 638,034   |  |
|              | Total Financials   | \$ 638,034   |  |
|              | MATERIALS - 0.1%   |              |  |
|              | Steel - 0.1%   |              |  |
| 318,145(b)   | B+/B3Accredited Mortgage Loan Trust,<br>Series 2003-3, Class A1, 5.21%, 1/25/34                | \$ 303,851   |  |
|              | Total Materials  | \$ 303,851   |  |
|              | TRANSPORTATION - 0.5%  |              |  |
|              | Airlines - 0.5%  |              |  |
| 1,314,302(a) | CCC/Caa3Aircraft Finance Trust, Series 1999-1A, Class<br>A1, 0.647%, 5/15/24 (144A)            | \$ 538,864   |  |
| 627,550(a)   | CCC+/Caa2Aviation Capital Group Trust,<br>Series 2000-1A, Class A1, 0.648%, 11/15/25<br>(144A) | 320,050      |  |
| 1,390,804(a) | CCC/Caa2Lease Investment Flight Trust, Series 1, Class<br>A1, 0.557%, 7/15/31                  | 1,001,379    |  |
|              | Total Transportation   | \$ 1,860,293 |  |
|              | TOTAL ASSET BACKED SECURITIES<br>(Cost \$5,922,078)  | \$ 5,935,869 |  |
|              | COLLATERALIZED MORTGAGE<br>OBLIGATIONS - 0.9% of Net Assets                                    |              |  |
|              | BANKS - 0.7%   |              |  |
|              | Thriffs & Mortgage Finance - 0.7%  |              |  |
| 1,435,184(a) | CCC/Caa2Carrington Mortgage Loan Trust,<br>Series 2007-FRE1, Class A2, 0.365%,<br>2/25/37      | \$ 1,285,109 |  |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|            |                                 |  |              |
|------------|---------------------------------|--|--------------|
|            | 300,000                         | NR/NRExtended Stay America Trust,<br>Series 2013-ESHM, Class M, 7.625%,<br>12/5/19 (144A)  | 298,289      |
| 300,000(c) |                                 | BB+/Ba2GS Mortgage Securities<br>Corp. II Commercial<br>Mortgage Pass Through<br>Certificates,<br>Series 2004-GG2, Class E,<br>5.737%, 8/10/38 | 298,170      |
|            | Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings   | Value        |
|            |                                 | Thriffs & Mortgage Finance<br>(continued)  |              |
|            | 300,750                         | NR/NRHomeowner Assistance<br>Program Reverse Mortgage<br>Loan Trust,<br>Series 2013-RM1, Class A,<br>4.0%, 5/26/53 (144A)                      | \$ 293,622   |
|            | 250,000(c)                      | BB/NRSpringleaf Mortgage Loan<br>Trust, Series 2013-1A, Class<br>B1, 5.58%, 6/25/58 (144A)   | 248,713      |
|            | 498,000(c)                      | BB-/Ba3Wachovia Bank Commercial<br>Mortgage Trust,<br>Series 2006-C24, Class AJ,<br>5.658%, 3/15/45  | 494,270      |
|            |                                 | Total Banks  | \$ 2,918,173 |
|            |                                 | FINANCIALS - 0.2%<br>Thriffs & Mortgage Finance<br>- 0.2%  |              |
|            | 650,000(c)                      | B-/NRJP Morgan Chase<br>Commercial Mortgage<br>Securities Trust<br>2007-LDP12,<br>Series 2007-LD12, Class AJ,<br>5.999%, 2/15/51               | \$ 624,408   |
|            |                                 | Total Financials   | \$ 624,408   |
|            |                                 | TOTAL<br>COLLATERALIZED<br>MORTGAGE<br>OBLIGATIONS<br>(Cost \$3,501,157)   | \$ 3,542,581 |
|            |                                 | SENIOR SECURED<br>FLOATING RATE LOAN   |              |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|           |           |   |              |
|-----------|-----------|---|--------------|
|           |           | INTERESTS - 6.2% of Net<br>Assets *(a)  |              |
|           |           | COMMERCIAL &<br>PROFESSIONAL<br>SERVICES - 0.3%<br>Research & Consulting<br>Services - 0.3% |              |
| 1,000,000 | CCC+/Caa1 | Sourcehov LLC, Second<br>Lien Term Loan, 8.75%,<br>4/30/19                                  | \$ 1,015,000 |
|           |           | Total Commercial &<br>Professional Services   | \$ 1,015,000 |
|           |           | CONSUMER<br>DISCRETIONARY - 1.1%<br>Automobiles & Components<br>- 0.4%                      |              |
| 1,650,000 | B+/NRCWGS | Group LLC, Term<br>Loan, 5.75%, 2/20/20   | \$ 1,662,375 |
|           |           | Education Services - 0.7%   |              |
| 2,900,000 | NR/B2     | McGraw-Hill School<br>Education Holdings LLC,<br>Term B Loan, 6.25%,<br>12/18/19            | \$ 2,896,375 |
|           |           | Total Consumer<br>Discretionary   | \$ 4,558,750 |
|           |           | ENERGY - 0.8%<br>Coal & Consumable Fuels -<br>0.2%  |              |
| 625,000   | NR/NRPT   | Bumi Resources Tbk,<br>Term Loan, 18.169%,<br>11/7/14                                       | \$ 625,000   |
|           |           | Oil & Gas Exploration &<br>Production - 0.6%  |              |
| 2,500,000 | BB-/Ba2   | Fieldwood Energy LLC,<br>Closing Date Second Lien<br>Term Loan, 8.375%, 9/30/20             | \$ 2,558,035 |
|           |           | Total Energy  | \$ 3,183,035 |
|           |           | FOOD, BEVERAGE &<br>TOBACCO - 0.8%<br>Agricultural Products - 0.2%                          |              |
| 1,046,525 | CCC+/Caa1 | Arysta LifeScience SPC<br>LLC, Initial Second Lien  | \$ 1,065,807 |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|           |  |              |
|-----------|--|--------------|
|           | Term Loan, 8.25%, 11/30/20                                 |              |
|           | Packaged Foods & Meats -<br>0.6%                           |              |
| 2,180,000 | B-/NRNew HB Acquisition LLC,<br>Term B Loan, 6.75%, 4/9/20 | \$ 2,261,750 |
|           | Total Food, Beverage &<br>Tobacco                          | \$ 3,327,557 |

|           |  |              |
|-----------|--|--------------|
|           | HEALTH CARE<br>EQUIPMENT & SERVICES<br>- 0.7%                                |              |
|           | Health Care Services - 0.4%  |              |
| 1,500,000 | B/B2Gentiva Health Services,<br>Inc., Initial Term Loan B,<br>6.5%, 10/18/19 | \$ 1,498,125 |
|           | Health Care Technology -<br>0.3%   |              |
| 1,206,701 | CCC/Caa3Medical Card System, Inc.,<br>Term Loan, 12.0%, 9/17/15              | \$ 1,152,399 |
|           | Total Health Care Equipment<br>& Services                                    | \$ 2,650,524 |

|                                 |                        |       |
|---------------------------------|------------------------|-------|
| Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings | Value |
|---------------------------------|------------------------|-------|

|           |   |              |
|-----------|---|--------------|
|           | INDUSTRIALS - 0.3%  |              |
|           | Industrial Conglomerates -<br>0.3%  |              |
| 1,240,000 | NR/NRFiltration Group Co., Initial<br>Second Lien Term Loan,<br>8.25%, 11/22/21 | \$ 1,267,900 |
|           | Total Industrials   | \$ 1,267,900 |

|           |   |              |
|-----------|---|--------------|
|           | INSURANCE - 0.4%  |              |
|           | Property & Casualty<br>Insurance - 0.4%   |              |
| 1,385,452 | B-/B2Confie Seguros Holding<br>II Co., Second Lien Term<br>Loan, 10.25%, 5/8/19 | \$ 1,399,307 |
|           | Total Insurance   | \$ 1,399,307 |

MATERIALS - 0.2%

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|            |          |   |                     |
|------------|----------|---|---------------------|
|            |          | Diversified Metals & Mining<br>- 0.0%†  |                     |
| 126,444(d) | NR/NR    | Long Haul Holdings, Ltd.,<br>Facility Term Loan A, 0.0%,<br>1/12/13                       | \$ 49,313           |
| 100,918(d) | NR/NR    | P Bakrie & Brothers Tbk,<br>Facility Term Loan B, 0.0%,<br>1/20/13                        | 39,358<br>\$ 88,671 |
| 790,000    | B/B      | Steel - 0.2%<br>1 Essar Steel Algoma, Inc.,<br>Term Loan, 9.25%, 9/19/14                  | \$ 797,900          |
|            |          | Total Materials   | \$ 886,571          |
|            |          | RETAILING - 0.3%  |                     |
|            |          | Computer & Electronics  |                     |
|            |          | Retail - 0.3%   |                     |
| 1,398,354  | B/B      | 2 Targus Group International,<br>Inc., Term Loan, 12.0%,<br>5/24/16                       | \$ 1,258,519        |
|            |          | Total Retailing   | \$ 1,258,519        |
|            |          | SOFTWARE & SERVICES<br>- 1.1%   |                     |
|            |          | Application Software - 1.1%   |                     |
| 1,700,000  | NR/NR    | Applied Systems, Inc.,<br>Second Lien Term Loan,<br>8.25%, 6/8/17                         | \$ 1,717,532        |
| 2,500,000  | CCC+/Caa | 1 Vertafore, Inc., Second Lien<br>Term Loan, 9.75%, 10/29/17                              | 2,549,375           |
|            |          | Total Software & Services   | \$ 4,266,907        |
|            |          | UTILITIES - 0.2%  |                     |
|            |          | Electric Utilities - 0.2%   |                     |
| 1,316,443  | CCC-/Caa | 3 Texas Competitive Electric<br>Holdings Co., LLC, 2017<br>Term Loan, 4.739%,<br>10/10/17 | \$ 909,333          |
|            |          | Total Utilities   | \$ 909,333          |
|            |          | TOTAL SENIOR<br>SECURED FLOATING<br>RATE LOAN INTERESTS<br>(Cost \$24,824,146)            | \$ 24,723,403       |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                                 |                        |          |   |               |
|---------------------------------|------------------------|----------|---|---------------|
|                                 |                        |          | CORPORATE BONDS &<br>NOTES - 106.3% of Net<br>Assets                                |               |
|                                 |                        |          | AUTOMOBILES &<br>COMPONENTS - 2.7%  |               |
|                                 |                        |          | Auto Parts & Equipment -<br>0.9%  |               |
| 2,000,000(e)                    |                        | B/Caa1   | Cooper-Standard Holding,<br>Inc., 7.375%, 4/1/18 (144A)                             | \$ 2,010,000  |
| 1,140,000                       |                        | B/Caa1   | International Automotive<br>Components Group SA,<br>9.125%, 6/1/18 (144A)           | 1,188,450     |
| 229,000                         |                        | BB-/B1   | Tomkins LLC/Tomkins, Inc.,<br>9.0%, 10/1/18   | 250,755       |
|                                 |                        |          |   | \$ 3,449,205  |
|                                 |                        |          | Automobile Manufacturers -<br>1.8%  |               |
| 6,000,000                       |                        | B/B1     | Chrysler Group LLC/CG<br>Co-Issuer, Inc., 8.0%,<br>6/15/19                          | \$ 6,630,000  |
| 500,000                         |                        | B/B1     | Chrysler Group LLC/CG<br>Co-Issuer, Inc., 8.25%,<br>6/15/21                         | 568,750       |
|                                 |                        |          |   | \$ 7,198,750  |
|                                 |                        |          | Total Automobiles &<br>Components   | \$ 10,647,955 |
|                                 |                        |          | BANKS - 1.0%  |               |
|                                 |                        |          | Regional Banks - 0.3%   |               |
| 1,225,000(c)(f)                 |                        | BBB/Baa3 | PNC Financial Services<br>Group, Inc., 4.459%, 5/29/49                              | \$ 1,221,938  |
| Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings |          |   | Value         |
|                                 |                        |          | Thriffs & Mortgage Finance<br>- 0.7%  |               |
| 2,925,000                       |                        | B+/Ba3   | Provident Funding<br>Associates LP / PFG Finance<br>Corp., 6.75%, 6/15/21<br>(144A) | \$ 2,910,375  |
|                                 |                        |          | Total Banks   | \$ 4,132,313  |
|                                 |                        |          | CAPITAL GOODS - 10.2%   |               |



Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|              |  |                           |
|--------------|--|---------------------------|
|              | Aerospace & Defense - 1.8%   |                           |
| 3,300,000    | B-/Caa1ADS Tactical, Inc., 11.0%,<br>4/1/18 (144A)                     | \$ 3,069,000              |
| 3,889,000    | B-/B2DynCorp International, Inc.,<br>10.375%, 7/1/17                   | 3,976,502<br>\$ 7,045,502 |
|              | Construction & Engineering<br>- 0.4%                                   |                           |
| 1,500,000    | B/B2Abengoa Finance SAU,<br>8.875%, 11/1/17 (144A)                     | \$ 1,612,500              |
|              | Construction & Farm<br>Machinery & Heavy Trucks -<br>2.3%              |                           |
| 774,000      | B+/B2Manitowoc Co., Inc., 9.5%,<br>2/15/18                             | \$ 815,603                |
| 2,000,000    | CCC-/B3Navistar International Corp.,<br>8.25%, 11/1/21                 | 2,070,000                 |
| 4,760,000    | CCC-/Caa2Stanadyne Holdings, Inc.,<br>10.0%, 8/15/14                   | 4,617,200                 |
| 2,500,000(b) | CC/CaStanadyne Holdings, Inc.,<br>12.0%, 2/15/15                       | 1,562,500<br>\$ 9,065,303 |
|              | Electrical Components &<br>Equipment - 0.5%                            |                           |
| 2,000,000    | B-/B3WireCo WorldGroup, Inc.,<br>9.5%, 5/15/17                         | \$ 2,072,500              |
|              | Industrial Conglomerates -<br>0.7%                                     |                           |
| 1,710,000    | B/B3Boart Longyear Management<br>Pty, Ltd., 7.0%, 4/1/21<br>(144A)     | \$ 1,278,225              |
| 770,000      | BB-/B1Boart Longyear Management<br>Pty, Ltd., 10.0%, 10/1/18<br>(144A) | 800,800                   |
| 605,000      | B+/B2JB Poindexter & Co., Inc.,<br>9.0%, 4/1/22 (144A)                 | 645,837<br>\$ 2,724,862   |
|              | Industrial Machinery - 3.4%  |                           |
| 1,040,000    | B/B2Cleaver-Brooks, Inc., 8.75%,<br>12/15/19 (144A)                    | \$ 1,128,400              |
| 3,180,000(d) | NR/WRIndalex Holding Corp.,<br>11.5%, 2/1/14                           | 23,850                    |
| 1,080,000    | B-/Caa2Liberty Tire Recycling,<br>11.0%, 10/1/16 (144A)                | 1,082,700                 |
| 5,170,000    | B/Caa1Mueller Water Products, Inc.,<br>7.375%, 6/1/17                  | 5,299,250                 |
| 1,840,000    | CCC+/NRWPE International<br>Cooperatief UA, 10.375%,<br>9/30/20 (144A) | 1,191,400                 |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                                 |                        |  |                            |
|---------------------------------|------------------------|--|----------------------------|
| 4,500,000                       | B/B3                   | Xerium Technologies, Inc.,<br>8.875%, 6/15/18  | 4,725,000<br>\$ 13,450,600 |
|                                 |                        | Trading Companies &<br>Distributors - 1.1%   |                            |
| 1,570,000                       | CCC/Caa1               | INTCOMEX, Inc., 13.25%,<br>12/15/14  | \$ 1,524,863               |
| 2,510,000                       | B-/B3                  | TRAC Intermodal LLC /<br>TRAC Intermodal Corp.,<br>11.0%, 8/15/19                                      | 2,867,675<br>\$ 4,392,538  |
|                                 |                        | Total Capital Goods  | \$ 40,363,805              |
|                                 |                        | COMMERCIAL &<br>PROFESSIONAL<br>SERVICES - 1.1%  |                            |
|                                 |                        | Commercial Printing - 0.2%   |                            |
| 700,000                         | B-/Caa1                | Mustang Merger Corp.,<br>8.5%, 8/15/21 (144A)  | \$ 756,000                 |
|                                 |                        | Diversified Support Services<br>- 0.9%   |                            |
| 3,400,000                       | B+/B3                  | NANA Development Corp.,<br>9.5%, 3/15/19 (144A)  | \$ 3,527,500               |
|                                 |                        | Environmental & Facilities<br>Services - 0.0%†   |                            |
| 2,180,000(d)                    | NR/WR                  | Old AII, Inc., 10.0%,<br>12/15/16  | \$ 218                     |
|                                 |                        | Total Commercial &<br>Professional Services  | \$ 4,283,718               |
| Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings |  | Value                      |
|                                 |                        | CONSUMER<br>DISCRETIONARY - 0.6%   |                            |
|                                 |                        | Auto Parts & Equipment -<br>0.4%   |                            |
| 645,000                         | B/B3                   | Pittsburgh Glass Works<br>LLC, 8.0%, 11/15/18<br>(144A)  | \$ 678,862                 |
| 675,000                         | B+/B2                  | Stackpole International<br>Intermediate / Stackpole<br>International Powder, 7.75%,<br>10/15/21 (144A) | 702,000<br>\$ 1,380,862    |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|     |            |   |                           |
|-----|------------|---|---------------------------|
|     | 900,000    | Department Stores - 0.2%<br>CCC+/Caa2Neiman Marcus Group, Ltd,<br>Inc., 8.0%, 10/15/21 (144A) | \$ 940,500                |
|     |            | Total Consumer<br>Discretionary   | \$ 2,321,362              |
|     |            | CONSUMER DURABLES<br>& APPAREL - 4.3%   |                           |
|     | 850,000    | Home Furnishings - 0.2%<br>B/B2SIWF Merger Sub, Inc.,<br>6.25%, 6/1/21 (144A)                 | \$ 857,438                |
|     | 3,115,000  | Homebuilding - 1.1%<br>CCC/Caa2Beazer Homes USA, Inc.,<br>9.125%, 6/15/18                     | \$ 3,333,050              |
|     | 750,000    | CCC/Caa2Beazer Homes USA, Inc.,<br>9.125%, 5/15/19  | 802,500                   |
|     | 400,000(d) | NR/CaUrbi Desarrollos Urbanos<br>SAB de CV, 9.75%, 2/3/22<br>(144A)                           | 58,000<br>\$ 4,193,550    |
|     |            | Housewares & Specialties -<br>1.6%  |                           |
|     | 1,435,000  | BB-/B1Jarden Corp., 7.5%, 5/1/17  | \$ 1,661,012              |
|     | 3,000,000  | CCC+/Caa2Reynolds Group Issuer, Inc.,<br>9.0%, 4/15/19  | 3,217,500                 |
|     | 1,430,000  | CCC+/Caa2Reynolds Group Issuer, Inc.,<br>9.875%, 8/15/19                                      | 1,590,875<br>\$ 6,469,387 |
|     |            | Leisure Products - 1.4%   |                           |
| EUR | 800,000    | CCC+/Caa2Heckler & Koch GmbH,<br>9.5%, 5/15/18 (144A)   | \$ 1,108,250              |
|     | 4,000,000  | CCC+/Caa1Icon Health & Fitness, Inc.,<br>11.875%, 10/15/16 (144A)                             | 3,540,000                 |
|     | 880,000(e) | CCC+/Caa2PC Nextco Holdings LLC /<br>PC Nextco Finance, Inc.,<br>8.75%, 8/15/19 (144A)        | 903,100<br>\$ 5,551,350   |
|     |            | Total Consumer Durables &<br>Apparel  | \$ 17,071,725             |
|     |            | CONSUMER SERVICES -<br>4.1%   |                           |
|     |            | Business Services - 0.7%  |                           |
|     | 1,750,000  | B/B2Sitel LLC / Sitel Finance<br>Corp., 11.0%, 8/1/17 (144A)                                  | \$ 1,868,125              |
|     | 1,000,000  | B-/Caa2Sitel LLC / Sitel Finance<br>Corp., 11.5%, 4/1/18                                      | 880,000                   |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

| Principal Amount USD (\$) | S&P/Moody's Ratings   | Value                        |
|---------------------------|---|------------------------------|
|                           |   | \$ 2,748,125                 |
| 1,475,000                 | Casinos & Gaming - 0.4%<br>NR/NRLittle Traverse Bay Bands of Odawa Indians, 9.0%, 8/31/20 (144A)                              | \$ 1,371,750                 |
| 606,780                   | NR/NRMashantucket Western Pequot Tribe, 6.5%, 7/1/36  | 83,432<br>\$ 1,455,182       |
| 555,000                   | Education Services - 0.1%<br>CCC/Caa1Cambium Learning Group, Inc., 9.75%, 2/15/17   | \$ 527,250                   |
| 1,680,000(e)              | Hotels, Resorts, Cruise Lines - 0.8%<br>B-/B3MISA Investments, Ltd., 8.625%, 8/15/18 (144A)                                   | \$ 1,738,800                 |
| 1,500,000                 | CCC+/B2Seven Seas Cruises S de RL LLC, 9.125%, 5/15/19  | 1,651,875<br>\$ 3,390,675    |
| 4,055,000(b)              | Restaurants - 1.9%<br>B-/Caa1Burger King Capital Holdings LLC, 0.0%, 4/15/19 (144A)   | \$ 3,649,500                 |
| 1,400,000                 | B/B3Burger King Corp., 9.875%, 10/15/18   | 1,554,000                    |
|                           |   |                              |
|                           |   |                              |
| 2,000,000                 | Restaurants (continued)<br>CCC/Caa1Wok Acquisition Corp., 10.25%, 6/30/20 (144A)  | \$ 2,172,500<br>\$ 7,376,000 |
| 740,000                   | Specialized Consumer Services - 0.2%<br>B-/B3StoneMor Partners LP / Cornerstone Family Services of WV, 7.875%, 6/1/21 (144A)  | \$ 769,600                   |
|                           | Total Consumer Services   | \$ 16,266,832                |
|                           |   |                              |
|                           |   |                              |
| 975,000                   | DIVERSIFIED FINANCIALS - 2.3%<br>Asset Management & Custody Banks - 0.3%<br>BBB-/Baa3Janus Capital Group, Inc., 6.7%, 6/15/17 | \$ 1,085,737                 |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                    |  |   |                           |
|--------------------|--|---|---------------------------|
|                    | Consumer Finance - 0.5%                        |   |                           |
| 1,030,000          | B+/B1  | Jefferies Finance LLC / JFIN<br>Co-Issuer Corp., 7.375%,<br>4/1/20 (144A) | \$ 1,071,200              |
| 1,035,000          | B+/B3  | TMX Finance LLC /<br>TitleMax Finance Corp.,<br>8.5%, 9/15/18 (144A)      | 1,102,275<br>\$ 2,173,475 |
|                    | Investment Banking &<br>Brokerage - 0.4%       |   |                           |
| 2,325,000(a)(f)    | BB+/Ba2  | Goldman Sachs Capital II,<br>4.0%, 12/1/49                                | \$ 1,634,475              |
|                    | Multi-Sector Holdings -<br>0.5%                |   |                           |
| 2,200,000          | B/B3   | Constellation Enterprises<br>LLC, 10.625%, 2/1/16<br>(144A)               | \$ 1,903,000              |
|                    | Other Diversified Financial<br>Services - 0.4% |   |                           |
| 3,000,000(b)(g)(h) | BBB/NR   | Fixed Income Trust Series<br>2013-A, 0.0%, 10/15/97<br>(144A)             | \$ 1,652,730              |
|                    | Specialized Finance - 0.2%                     |   |                           |
| 695,000            | B/B2   | National Money Mart Co.,<br>10.375%, 12/15/16                             | \$ 705,425                |
|                    | Total Diversified Financials                   |   | \$ 9,154,842              |
|                    | ENERGY - 21.3%                                 |   |                           |
|                    | Coal & Consumable Fuels -<br>1.3%              |   |                           |
| 1,350,000          | CC/Ca  | Bumi Capital Pte, Ltd.,<br>12.0%, 11/10/16 (144A)                         | \$ 911,250                |
| 2,125,000          | CCC/Caa2                                       | James River Coal Co.,<br>7.875%, 4/1/19                                   | 573,750                   |
| 800,000            | B-/Caa1  | Murray Energy Corp.,<br>8.625%, 6/15/21 (144A)                            | 828,000                   |
| 2,485,000          | B-/Caa1  | Penn Virginia Corp., 8.5%,<br>5/1/20                                      | 2,671,375<br>\$ 4,984,375 |
|                    | Integrated Oil & Gas - 0.2%                    |   |                           |
| 750,000            | NR/B3  | YPF SA, 8.875%, 12/19/18<br>(144A)  | \$ 778,125                |
|                    | Oil & Gas Drilling - 2.1%                      |   |                           |
| 1,500,000          | B/B3   | Hercules Offshore, Inc.,<br>8.75%, 7/15/21 (144A)                         | \$ 1,672,500              |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                                 |                        |  |              |
|---------------------------------|------------------------|--|--------------|
| 1,700,000                       | CCC+/Caa3              | Ocean Rig UDW, Inc., 9.5%,<br>4/27/16 (144A)                               | 1,804,125    |
| 1,025,000                       | B-/B3                  | Offshore Group Investments,<br>Ltd., 7.125%, 4/1/23                        | 1,045,500    |
| 1,900,000                       | B+/B2                  | Pioneer Energy Services<br>Corp., 9.875%, 3/15/18                          | 2,014,000    |
| 1,800,000                       | B+/B1                  | Shelf Drill Holdings, Ltd.,<br>8.625%, 11/1/18 (144A)                      | 1,944,000    |
|                                 |                        | Oil & Gas Equipment &<br>Services - 1.8%                                   | \$ 8,480,125 |
| 408,000(i)                      | NR/NRDP                | Producer AS, 0.0%,<br>12/31/49 (144A)                                      | \$ 8,160     |
| 1,847,000                       | B/B1                   | Expro Finance Luxembourg<br>SCA, 8.5%, 12/15/16<br>(144A)                  | 1,925,497    |
| 3,100,000                       | B/Caa1                 | Forbes Energy Services,<br>Ltd., 9.0%, 6/15/19                             | 3,038,000    |
| 666,000(d)(j)                   | NR/WR                  | Green Field Energy Services,<br>Inc., 13.0%, 11/15/16<br>(144A)            | 113,220      |
| 2,000,000                       | B/B3                   | Seitel, Inc., 9.5%, 4/15/19  | 2,020,000    |
|                                 |                        |  | \$ 7,104,877 |
| Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings |  | Value        |
|                                 |                        | Oil & Gas Exploration &<br>Production - 14.0%                              |              |
| 1,200,000                       | CCC+/Caa1              | Athlon Holdings LP / Athlon<br>Finance Corp., 7.375%,<br>4/15/21 (144A)    | \$ 1,260,000 |
| 775,000                         | BB-/B1                 | Berry Petroleum Co.,<br>10.25%, 6/1/14                                     | 801,156      |
| 500,000                         | B-/B3                  | Comstock Resources, Inc.,<br>7.75%, 4/1/19                                 | 531,250      |
| 1,830,000                       | B-/B3                  | Comstock Resources, Inc.,<br>9.5%, 6/15/20                                 | 2,049,600    |
| 3,450,000                       | B/B2                   | EP Energy LLC / EP Energy<br>Finance, Inc., 9.375%, 5/1/20                 | 3,980,437    |
| 1,470,384(e)                    | B/B3                   | EPE Holdings LLC / EP<br>Energy Bond Co., Inc.,<br>8.875%, 12/15/17 (144A) | 1,510,820    |
| 1,295,000                       | B-/Caa1                | EPL Oil & Gas, Inc., 8.25%,<br>2/15/18                                     | 1,392,125    |
| 3,000,000                       | CCC/Caa1               | Goodrich Petroleum Corp.,<br>8.875%, 3/15/19                               | 3,120,000    |
| 785,000                         | CCC+/Caa1              | Halcon Resources Corp.,<br>8.875%, 5/15/21                                 | 792,850      |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|           |  |               |
|-----------|--|---------------|
| 1,205,000 | CCC+/Caa1Halcon Resources Corp.,<br>9.25%, 2/15/22 (144A)  | 1,226,088     |
| 2,035,000 | CCC+/Caa1Halcon Resources Corp.,<br>9.75%, 7/15/20   | 2,121,487     |
| 1,325,000 | CCC+/Caa1Halcon Resources Corp.,<br>9.75%, 7/15/20 (144A)  | 1,379,656     |
| 900,000   | B-/Caa1Legacy Reserves LP /<br>Legacy Reserves Finance<br>Corp., 6.625%, 12/1/21<br>(144A)                 | 870,750       |
| 2,235,000 | B-/Caa1Lightstream Resources, Ltd.,<br>8.625%, 2/1/20 (144A)   | 2,257,350     |
| 530,000   | B-/Caa1Memorial Production<br>Partners LP / Memorial<br>Production Finance Corp.,<br>7.625%, 5/1/21 (144A) | 544,575       |
| 950,000   | B-/Caa1Memorial Production<br>Partners LP / Memorial<br>Production Finance Corp.,<br>7.625%, 5/1/21        | 976,125       |
| 2,000,000 | B-/Caa1Midstates Petroleum Co.,<br>Inc., 9.25%, 6/1/21   | 2,090,000     |
| 1,050,000 | B-/Caa1Midstates Petroleum Co.,<br>Inc., 10.75%, 10/1/20   | 1,141,875     |
| 2,400,000 | B+/NRMIE Holdings Corp., 9.75%,<br>5/12/16 (144A)  | 2,544,000     |
| 2,750,000 | B-/Caa1PetroQuest Energy, Inc.,<br>10.0%, 9/1/17   | 2,853,125     |
| 1,110,000 | B-/Caa1QR Energy LP / QRE<br>Finance Corp., 9.25%, 8/1/20  | 1,148,850     |
| 3,380,000 | CCC-/Caa3Quicksilver Resources, Inc.,<br>7.125%, 4/1/16  | 3,303,950     |
| 2,200,000 | B-/B3Resolute Energy Corp.,<br>8.5%, 5/1/20  | 2,321,000     |
| 2,035,000 | B-/B3RKI Exploration &<br>Production LLC / RKI<br>Finance Corp., 8.5%, 8/1/21<br>(144A)                    | 2,141,838     |
| 1,497,000 | BB-/B2Rosetta Resources, Inc.,<br>9.5%, 4/15/18  | 1,601,790     |
| 5,500,000 | CCC+/B3Samson Investment Co.,<br>10.5%, 2/15/20 (144A)   | 5,995,000     |
| 2,735,000 | CCC+/Caa1Sanchez Energy Corp.,<br>7.75%, 6/15/21 (144A)  | 2,796,538     |
| 2,770,000 | CCC+/Caa1Talos Production LLC /<br>Talos Production Finance,<br>Inc., 9.75%, 2/15/18 (144A)                | 2,832,325     |
|           |  | \$ 55,584,560 |
|           | Oil & Gas Refining &<br>Marketing - 1.4%   |               |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|              |           |   |               |
|--------------|-----------|---|---------------|
| 3,000,000    | CCC/Caa1  | Seven Generations Energy, Ltd., 8.25%, 5/15/20 (144A) | \$ 3,240,000  |
| 2,215,000    | BB+/Ba2   | Tesoro Corp., 9.75%, 6/1/19                           | 2,397,738     |
|              |           |   | \$ 5,637,738  |
|              |           | Oil & Gas Storage & Transportation - 0.5%             |               |
| 1,524,000(a) | NR/Ba1e   | Energy Transfer Partners LP, 3.259%, 11/1/66          | \$ 1,386,840  |
| 350,000(c)   | BBB-/Baa2 | Enterprise Products Operating LLC, 8.375%, 8/1/66     | 387,800       |
|              |           |   | \$ 1,774,640  |
|              |           | Total Energy  | \$ 84,344,440 |

| Principal Amount USD (\$) | S&P/Moody's Ratings |  | Value |
|---------------------------|---------------------|--|-------|
|---------------------------|---------------------|--|-------|

|               |       |  |              |
|---------------|-------|--|--------------|
|               |       | FINANCIALS - 0.6%  |              |
|               |       | Diversified Capital Markets - 0.2%                       |              |
| 700,000(c)(f) | NR/NR | Credit Suisse Group AG, 7.5%, 12/11/49 (144A)            | \$ 739,375   |
|               |       | Real Estate - 0.2%                                       |              |
| 1,000,000     | B/B2  | Rialto Holdings LLC / Rialto Corp., 7.0%, 12/1/18 (144A) | \$ 1,010,000 |
|               |       | Reinsurance - 0.1%                                       |              |
| 250,000(a)    | NR/NR | Loma Reinsurance, Ltd., 17.061%, 1/8/18 (144A)           | \$ 250,050   |
|               |       | Specialized Finance - 0.1%                               |              |
| 500,000(a)    | NR/NR | Galileo Re, Ltd., 7.4%, 1/9/17 (144A)                    | \$ 512,950   |
|               |       | Total Financials   | \$ 2,512,375 |

|           |           |  |              |
|-----------|-----------|--|--------------|
|           |           | FOOD, BEVERAGE & TOBACCO - 6.2%                          |              |
|           |           | Agricultural Products - 1.1%                             |              |
| 2,100,000 | CCC+/Caa1 | Pinnacle Operating Corp., 9.0%, 11/15/20 (144A)          | \$ 2,228,625 |
| 1,215,000 | B/B2      | Southern States Cooperative, Inc., 10.0%, 8/15/21 (144A) | 1,175,513    |
| 1,100,000 | B/NR      | Tonon Bioenergia SA, 9.25%, 1/24/20 (144A)               | 924,000      |
|           |           |  | \$ 4,328,138 |



Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|           |  |               |
|-----------|--|---------------|
|           | Packaged Foods & Meats -<br>4.2%   |               |
| 775,000   | BB/Ba3 Bertin SA / Bertin Finance,<br>Ltd., 10.25%, 10/5/16<br>(144A)                          | \$ 864,125    |
| 1,250,000 | B+/B1 CFG Investment SAC,<br>9.75%, 7/30/19 (144A)   | 1,200,000     |
| 688,000   | B/B1 Chiquita Brands<br>International, Inc. / Chiquita<br>Brands LLC, 7.875%, 2/1/21<br>(144A) | 744,760       |
| 3,500,000 | B/B3 FAGE Dairy Industry<br>SA/FAGE USA Dairy<br>Industry, Inc., 9.875%,<br>2/1/20 (144A)      | 3,657,500     |
| 1,000,000 | B/B2 Marfrig Holding Europe BV,<br>8.375%, 5/9/18 (144A)                                       | 930,000       |
| 1,200,000 | B/B2 Marfrig Holding Europe BV,<br>11.25%, 9/20/21 (144A)                                      | 1,146,000     |
| 3,400,000 | BB-/B1 Minerva Luxembourg SA,<br>7.75%, 1/31/23 (144A)   | 3,374,500     |
| 400,000   | BB-/B1 Minerva Luxembourg SA,<br>12.25%, 2/10/22 (144A)  | 460,000       |
| 4,000,000 | BB-/B3 Pilgrim's Pride Corp.,<br>7.875%, 12/15/18  | 4,360,000     |
|           |  | \$ 16,736,885 |
|           | Tobacco - 0.9%   |               |
| 3,835,000 | NR/Caa1 Alliance One International,<br>Inc., 9.875%, 7/15/21                                   | \$ 3,595,312  |
|           | Total Food, Beverage &<br>Tobacco  | \$ 24,660,335 |
|           | HEALTH CARE<br>EQUIPMENT & SERVICES<br>- 5.7%  |               |
|           | Health Care Equipment &<br>Services - 2.1%   |               |
| 4,000,000 | CCC+/Caa2 Accellent, Inc., 10.0%,<br>11/1/17   | \$ 4,130,000  |
| 3,799,000 | B+/B2 Physio-Control International,<br>Inc., 9.875%, 1/15/19<br>(144A)                         | 4,254,880     |
|           |  | \$ 8,384,880  |
|           | Health Care Facilities - 1.1%  |               |
| 3,475,000 | B-/B3 Kindred Healthcare, Inc.,<br>8.25%, 6/1/19   | \$ 3,700,875  |
| 600,000   | CCC+/Caa1 United Surgical Partners,<br>9.0%, 4/1/20  | 672,000       |
|           |  | \$ 4,372,875  |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

| Principal Amount USD (\$) | S&P/Moody's Ratings   | Value         |
|---------------------------|---|---------------|
| 2,527,000                 | Health Care Services - 0.7%<br>CCC+/Caa2Gentiva Health Services, Inc., 11.5%, 9/1/18                                      | \$ 2,609,127  |
| 3,000,000                 | Health Care Supplies - 0.8%<br>B-/Caa2Immucor, Inc., 11.125%, 8/15/19   | \$ 3,375,000  |
| 900,000                   | Health Care Technology - 0.3%<br>CCC+/Caa1Emdeon, Inc., 11.0%, 12/31/19   | \$ 1,039,500  |
| 2,380,000                 | IT Consulting & Other Services - 0.7%<br>CCC+/Caa1Truven Health Analytics, Inc., 10.625%, 6/1/20                          | \$ 2,692,375  |
|                           | Total Health Care Equipment & Services  | \$ 22,473,757 |
| 1,745,000                 | HOUSEHOLD & PERSONAL PRODUCTS - 1.1%<br>Personal Products - 1.1%<br>B+/B2Albea Beauty Holdings SA, 8.375%, 11/1/19 (144A) | \$ 1,814,800  |
| 2,315,000                 | CCC+/Caa1Monitronics International, Inc., 9.125%, 4/1/20  | 2,453,900     |
|                           | Total Household & Personal Products   | \$ 4,268,700  |
| 600,000(k)                | INDUSTRIALS - 0.2%<br>Aerospace & Defense - 0.2%<br>NR/NRSilverton RE, Ltd., 0.0%, 9/16/16 (144A)                         | \$ 600,960    |
|                           | Total Industrials   | \$ 600,960    |
| 1,000,000                 | INSURANCE - 8.7%<br>Insurance Brokers - 1.0%<br>CCC+/Caa2Onex USI Acquisition Corp., 7.75%, 1/15/21 (144A)                | \$ 1,022,500  |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|     |               |  |                           |
|-----|---------------|--|---------------------------|
| GBP | 1,625,000     | NR/Caa2Towergate Finance Plc,<br>10.5%, 2/15/19 (144A)                     | 2,830,783<br>\$ 3,853,283 |
|     |               | Multi-Line Insurance - 1.5%  |                           |
|     | 3,075,000(c)  | BB/Baa3Liberty Mutual Group, Inc.,<br>10.75%, 6/15/58 (144A)               | \$ 4,597,125              |
|     | 1,100,000     | BBB/Baa2MetLife, Inc., 10.75%,<br>8/1/39                                   | 1,622,500<br>\$ 6,219,625 |
|     |               | Property & Casualty<br>Insurance - 1.6%                                    |                           |
|     | 5,300,000     | BBB-/Baa3Hanover Insurance Corp.,<br>7.625%, 10/15/25                      | \$ 6,223,276              |
|     | 265,000(c)(f) | BB+/Ba2White Mountains Insurance<br>Group, Ltd., 7.506%, 5/29/49<br>(144A) | 273,074<br>\$ 6,496,350   |
|     |               | Reinsurance - 4.6%   |                           |
|     | 250,000(a)    | BB-/NRAtlas Reinsurance VII, Ltd.,<br>8.117%, 1/7/16 (144A)                | \$ 258,550                |
|     | 500,000(a)    | BB+/NRBlue Danube II, Ltd.,<br>4.297%, 5/23/16 (144A)                      | 505,050                   |
|     | 400,000(a)    | NR/NRCaelus Re 2013, Ltd.,<br>6.911%, 4/7/17 (144A)                        | 413,400                   |
|     | 500,000(a)    | BB-/NRCaelus Re, Ltd., 5.311%,<br>3/7/16 (144A)                            | 506,900                   |
|     | 250,000(a)    | NR/Ba2Combine Re, Ltd., 10.061%,<br>1/7/15 (144A)                          | 267,475                   |
|     | 1,000,000(a)  | NR/NRCombine Re, Ltd., 17.811%,<br>1/7/15 (144A)                           | 1,098,700                 |
|     | 250,000(a)    | BB-/NRCompass Re, Ltd., 10.311%,<br>1/8/15 (144A)                          | 262,775                   |
|     | 250,000(a)    | B+/NRCompass Re, Ltd., 11.311%,<br>1/8/15 (144A)                           | 262,900                   |
|     | 250,000(a)    | BB/NREast Lane Re V, Ltd.,<br>9.061%, 3/16/16 (144A)                       | 271,600                   |
|     | 400,000(a)    | BB/NREast Lane Re, Ltd., 6.711%,<br>3/13/15 (144A)                         | 415,200                   |
|     | 350,000(c)    | BB-/NREmbarcadero Re, Ltd.,<br>6.695%, 8/4/14 (144A)                       | 355,495                   |
|     | 250,000(c)    | BB-/NREmbarcadero Re, Ltd.,<br>7.409%, 2/13/15 (144A)                      | 258,125                   |
|     | 350,000(a)    | BB+/NRFoundation Re III, Ltd.,<br>5.061%, 2/25/15                          | 358,785                   |
|     | 250,000(a)    | BB-/NRIbis Re II, Ltd., 8.411%,<br>2/5/15 (144A)                           | 259,250                   |
|     | 400,000(a)    | B-/NRIbis Re II, Ltd., 13.561%,<br>2/5/15 (144A)                           | 421,440                   |
|     | 800,000(a)    | BB/NRLodestone Re, Ltd., 7.311%,<br>1/8/14 (144A)                          | 800,160                   |
|     | 400,000(a)    | BB/NR  | 404,560                   |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

| Principal Amount<br>USD (\$) | S&P/Moody's<br>Ratings   | Value   |
|------------------------------|--|---------|
| 750,000(a)                   | Longpoint Re, Ltd. III,<br>4.061%, 5/18/16 (144A)<br>B/NRMystic Re, Ltd., 12.061%,<br>3/12/15 (144A) | 799,800 |
| Reinsurance (continued)      |  |         |
| 250,000(a)                   | B+/NRMythen Re, Ltd. Series<br>2012-2 Class A, 8.549%,<br>1/5/17 (144A)                              | 260,800 |
| 250,000(a)                   | NR/NRMythen Re, Ltd. Series<br>2013-1 Class B, 8.061%,<br>7/9/15 (144A)                              | 260,525 |
| 600,000(a)                   | NR/B2Mythen, Ltd., 11.032%,<br>5/7/15 (144A)   | 647,460 |
| 500,000(a)                   | BB-/NRQueen Street II Capital, Ltd.,<br>7.561%, 4/9/14 (144A)  | 504,850 |
| 250,000(a)                   | BB-/NRQueen Street V Re, Ltd.,<br>8.561%, 4/9/15 (144A)  | 259,050 |
| 250,000(a)                   | B/NRQueen Street VI Re, Ltd.,<br>10.411%, 4/9/15 (144A)  | 263,025 |
| 250,000(a)                   | B/NRQueen Street VII Re, Ltd.,<br>8.661%, 4/8/16 (144A)  | 258,850 |
| 725,000(a)                   | B+/NRResidential Reinsurance<br>2011, Ltd., 8.811%, 6/6/15<br>(144A)                                 | 772,777 |
| 250,000(a)                   | NR/NRResidential Reinsurance<br>2011, Ltd., 8.961%, 12/6/15<br>(144A)                                | 265,300 |
| 250,000(a)                   | BB-/NRResidential Reinsurance<br>2011, Ltd., 9.061%, 6/6/15<br>(144A)                                | 267,200 |
| 450,000(a)                   | B-/NRResidential Reinsurance<br>2011, Ltd., 12.061%, 6/6/15<br>(144A)                                | 481,365 |
| 250,000(a)                   | NR/NRResidential Reinsurance<br>2011, Ltd., 13.311%, 12/6/15<br>(144A)                               | 267,350 |
| 250,000(a)                   | BB-/NRResidential Reinsurance<br>2012, Ltd., 5.811%, 12/6/16<br>(144A)                               | 260,600 |
| 250,000(a)                   | BB-/NRResidential Reinsurance<br>2012, Ltd., 8.061%, 6/6/16<br>(144A)                                | 276,650 |
| 250,000(a)                   | BB-/NRResidential Reinsurance<br>2012, Ltd., 10.061%, 6/6/16<br>(144A)                               | 281,050 |
| 400,000(a)                   | NR/NR  | 436,360 |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|     |            |   |               |
|-----|------------|---|---------------|
|     |            | Residential Reinsurance<br>2012, Ltd., 12.811%, 12/6/16<br>(144A)         |               |
|     | 250,000(a) | NR/NRResidential Reinsurance<br>2012, Ltd., 19.061%, 12/6/16<br>(144A)    | 281,200       |
|     | 400,000(a) | NR/NRResidential Reinsurance<br>2012, Ltd., 22.061%, 6/6/16<br>(144A)     | 469,680       |
|     | 250,000(a) | B-/NRResidential Reinsurance<br>2013, Ltd., 9.311%, 6/6/17<br>(144A)      | 258,475       |
|     | 500,000(a) | BB/NRSanders Re, Ltd., 4.061%,<br>5/5/17 (144A)                           | 496,300       |
|     | 603,600(k) | NR/NRSector Re V, Ltd., 0.0%,<br>12/1/17 (144A)                           | 602,820       |
|     | 850,000(k) | NR/NRSector Re V, Ltd., 0.0%,<br>3/1/18 (144A)                            | 998,240       |
|     | 500,000(a) | NR/NRSuccessor X, Ltd., 13.061%,<br>2/25/14 (144A)                        | 506,900       |
|     | 250,000(a) | NR/NRSuccessor X, Ltd., 16.311%,<br>11/10/15 (144A)                       | 260,975       |
|     | 250,000(a) | NR/NRSuccessor X, Ltd., 16.561%,<br>1/27/15 (144A)                        | 264,775       |
|     | 300,000(a) | B+/NRTar Heel Re, Ltd., 8.561%,<br>5/9/16 (144A)                          | 319,170       |
|     |            |   | \$ 18,141,912 |
|     |            | Total Insurance   | \$ 34,711,170 |
|     |            | MATERIALS - 17.9%   |               |
|     |            | Commodity Chemicals -<br>1.3%   |               |
|     | 3,250,000  | BBB-/WRBasell Finance Co. BV,<br>8.1%, 3/15/27 (144A)                     | \$ 4,103,739  |
|     | 1,100,000  | BB-/B2Rain CII Carbon LLC / CII<br>Carbon Corp., 8.25%,<br>1/15/21 (144A) | 1,122,000     |
|     |            |   | \$ 5,225,739  |
|     |            | Construction Materials -<br>0.8%  |               |
|     | 3,000,000  | B-/Caa2Texas Industries, Inc.,<br>9.25%, 8/15/20                          | \$ 3,341,250  |
|     |            | Diversified Chemicals -<br>0.8%   |               |
| EUR | 370,511    | B-/Caa1INEOS Group Holdings SA,<br>7.875%, 2/15/16 (144A)                 | \$ 513,274    |
|     | 1,597,000  | B/B2Kinove German Bondco<br>GmbH, 9.625%, 6/15/18<br>(144A)               | 1,764,685     |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

| Principal Amount USD (\$) | S&P/Moody's Ratings   | Value                     |
|---------------------------|---|---------------------------|
| EUR 950,000               | NR/Caa2Momentum Performance Materials, Inc., 9.5%, 1/15/21  | 1,086,800<br>\$ 3,364,759 |
| 2,000,000                 | Diversified Metals & Mining - 2.1%<br>B/B3Global Brass & Copper, Inc., 9.5%, 6/1/19                             | \$ 2,280,000              |
| 3,000,000                 | CCC/Caa2Midwest Vanadium Pty, Ltd., 11.5%, 2/15/18 (144A)   | 2,490,000                 |
| 600,000(e)                | NR/NRMirabela Nickel, Ltd., 3.5%, 3/28/14 (144A)  | 600,000                   |
| 2,775,000(d)              | D/WRMirabela Nickel, Ltd., 8.75%, 4/15/18 (144A)  | 693,750                   |
| 1,200,000                 | CCC+/B3Molycorp, Inc., 10.0%, 6/1/20  | 1,191,000                 |
| 650,000                   | B-/Caa2Mongolian Mining Corp., 8.875%, 3/29/17 (144A)   | 513,500                   |
| 410,000                   | B/Caa1Prince Mineral Holding Corp., 11.5%, 12/15/19 (144A)  | 456,125<br>\$ 8,224,375   |
| 4,000,000                 | Forest Products - 1.0%<br>B-/B3Millar Western Forest Products, Ltd., 8.5%, 4/1/21                               | \$ 4,110,000              |
| 3,055,000                 | Gold - 0.7%<br>BB-/B1IAMGOLD Corp., 6.75%, 10/1/20 (144A)   | \$ 2,627,300              |
| 1,973,733(e)              | Metal & Glass Containers - 1.9%<br>CCC+/Caa2Ardagh Finance SA, 11.125%, 6/1/18 (144A)                           | \$ 2,111,894              |
| EUR 2,250,000             | CCC+/Caa1Ardagh Glass Finance Plc, 8.75%, 2/1/20 (144A)   | 3,279,375                 |
| 500,000                   | CCC+/Caa2Beverage Packaging Holdings Luxembourg II SA / Beverage Packaging Holdings II Is, 6.0%, 6/15/17 (144A) | 506,250                   |
| 1,450,000                 | CCC+/Caa1BWAY Holdings Co., 10.0%, 6/15/18  | 1,573,250<br>\$ 7,470,769 |
|                           | Paper Packaging - 2.6%  |                           |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|              |   |               |
|--------------|---|---------------|
| 2,000,000    | CCC+/Caa1Berry Plastics Corp., 9.5%,<br>5/15/18                           | \$ 2,145,000  |
| 2,150,057(b) | NR/NRBio Pappel SAB de CV,<br>10.0%, 8/27/16                              | 2,155,432     |
| 2,220,000    | B-/Caa2eExopack Holding Corp.,<br>10.0%, 6/1/18 (144A)                    | 2,408,700     |
| 445,000      | B-/Caa2Exopack Holdings SA,<br>7.875%, 11/1/19 (144A)                     | 453,900       |
| 2,500,000    | B-/Caa1Pretium Packaging LLC /<br>Pretium Finance, Inc.,<br>11.5%, 4/1/16 | 2,668,750     |
| 500,000      | BB/B1Sealed Air Corp., 8.125%,<br>9/15/19 (144A)                          | 561,250       |
|              |   | \$ 10,393,032 |
|              | Paper Products - 0.8%   |               |
| 1,590,000    | CCC+/B2Appvion, Inc., 9.0%, 6/1/20<br>(144A)                              | \$ 1,605,900  |
| 776,000      | B/B3Mercer International, Inc.,<br>9.5%, 12/1/17                          | 845,840       |
| 595,000      | B-/Caa1Unifrax I LLC / Unifrax<br>Holding Co., 7.5%, 2/15/19<br>(144A)    | 615,825       |
|              |   | \$ 3,067,565  |
|              | Specialty Chemicals - 0.7%  |               |
| 2,600,000    | CCC+/NRHexion US Finance Corp.,<br>9.0%, 11/15/20                         | \$ 2,593,500  |
|              | Steel - 5.2%  |               |
| 2,450,000    | B-/Caa1AM Castle & Co., 12.75%,<br>12/15/16                               | \$ 2,744,000  |
| 1,200,000    | B+/B3APERAM, 7.375%, 4/1/16<br>(144A)                                     | 1,233,000     |
| 1,764,000    | B-/Caa1Atkore International, Inc.,<br>9.875%, 1/1/18                      | 1,896,300     |
| 3,550,000    | CCC/Caa2Essar Steel Algoma, Inc.,<br>9.875%, 6/15/15 (144A)               | 2,165,500     |
| 700,000      | B-/Caa1Ferrexpo Finance Plc,<br>7.875%, 4/7/16 (144A)                     | 679,000       |
| 1,900,000    | NR/Caa1Metinvest BV, 8.75%,<br>2/14/18 (144A)                             | 1,786,000     |
| 2,915,000    | B/B2Optima Specialty Steel, Inc.,<br>12.5%, 12/15/16 (144A)               | 3,199,213     |
| 1,804,000    | B-/B3Permian Holdings, Inc.,<br>10.5%, 1/15/18 (144A)                     | 1,776,940     |
| 3,750,000    | CCC+/NRRyerson, Inc., 9.0%,<br>10/15/17                                   | 3,975,000     |

| Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings | Value |
|---------------------------------|------------------------|-------|
|---------------------------------|------------------------|-------|

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|     |              |   |                            |
|-----|--------------|---|----------------------------|
|     |              | Steel (continued)   |                            |
|     | 1,250,000    | B-/B3Severstal Columbus LLC,<br>10.25%, 2/15/18                               | 1,325,000<br>\$ 20,779,953 |
|     |              | Total Materials   | \$ 71,198,242              |
|     |              | MEDIA - 4.5%  |                            |
|     |              | Broadcasting - 1.3%   |                            |
|     | 1,000,000    | B-/Caa2Intelsat Luxembourg SA,<br>7.75%, 6/1/21 (144A)                        | \$ 1,072,500               |
|     | 3,805,000    | B-/B3Townsquare Radio LLC /<br>Townsquare Radio, Inc.,<br>9.0%, 4/1/19 (144A) | 4,118,912<br>\$ 5,191,412  |
|     |              | Cable - 1.0%  |                            |
| EUR | 1,200,000    | B+/B1Nara Cable Funding, Ltd.,<br>8.875%, 12/1/18 (144A)                      | \$ 1,788,732               |
|     | 1,500,000    | B-/Caa1Ono Finance II Plc,<br>10.875%, 7/15/19 (144A)                         | 1,642,500                  |
| EUR | 350,000      | B-/Caa1Ono Finance II Plc,<br>11.125%, 7/15/19 (144A)                         | 530,578<br>\$ 3,961,810    |
|     |              | Movies & Entertainment -<br>1.5%  |                            |
|     | 2,765,000    | CCC+/Caa1AMC Entertainment, Inc.,<br>9.75%, 12/1/20                           | \$ 3,162,469               |
|     | 1,400,000    | B-/B2Gibson Brands, Inc., 8.875%,<br>8/1/18 (144A)                            | 1,477,000                  |
|     | 1,900,000    | CCC+/Caa1Production Resource Group,<br>Inc., 8.875%, 5/1/19                   | 1,372,750<br>\$ 6,012,219  |
|     |              | Publishing - 0.7%   |                            |
|     | 400,000      | B-/B3Interactive Data Corp.,<br>10.25%, 8/1/18                                | \$ 438,500                 |
|     | 2,200,000(g) | B-/B3MPL 2 Acquisition Canco,<br>Inc., 9.875%, 8/15/18<br>(144A)              | 2,299,000<br>\$ 2,737,500  |
|     |              | Total Media   | \$ 17,902,941              |
|     |              | PHARMACEUTICALS,<br>BIOTECHNOLOGY &<br>LIFE SCIENCES - 1.3%                   |                            |
|     |              | Biotechnology - 1.3%  |                            |
|     | 1,400,000    | B-/B3ConvaTec Healthcare E SA,<br>10.5%, 12/15/18 (144A)                      | \$ 1,573,250               |
|     | 4,104,000    | B-/Caa2Lantheus Medical Imaging,<br>Inc., 9.75%, 5/15/17                      | 3,652,560<br>\$ 5,225,810  |



Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|     |                                 |                        |   |              |
|-----|---------------------------------|------------------------|---|--------------|
|     |                                 |                        | Total Pharmaceuticals,<br>Biotechnology & Life<br>Sciences  |              |
|     | 1,500,000                       |                        | REAL ESTATE - 0.4%<br>Diversified REIT's - 0.4%<br>B/Ba3CNL Lifestyle Properties,<br>Inc., 7.25%, 4/15/19   | \$ 1,545,000 |
|     |                                 |                        | Total Real Estate   | \$ 1,545,000 |
|     | 685,000                         |                        | RETAILING - 0.2%<br>Speciality Stores - 0.2%<br>B/B3Radio Systems Corp.,<br>8.375%, 11/1/19 (144A)  | \$ 751,788   |
|     |                                 |                        | Total Retailing   | \$ 751,788   |
|     | 3,250,000                       |                        | SEMICONDUCTORS &<br>SEMICONDUCTOR<br>EQUIPMENT - 0.8%<br>Semiconductors - 0.8%<br>B/B2Advanced Micro Devices,<br>Inc., 7.5%, 8/15/22  | \$ 3,152,500 |
| CNH | 1,000,000(d)                    |                        | NR/NRLDK Solar Co., Ltd., 10.0%,<br>2/28/14   | 37,153       |
|     |                                 |                        | Total Semiconductors &<br>Semiconductor Equipment   | \$ 3,189,653 |
|     | Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings |   | Value        |
|     | 955,000                         |                        | SOFTWARE & SERVICES<br>- 3.2%<br>Application Software - 0.3%<br>B-/B3Interface Security Systems<br>Holdings, Inc. / Interface<br>Security Systems LLC,<br>9.25%, 1/15/18 (144A) | \$ 988,425   |
|     | 1,783,000                       |                        | Data Processing &<br>Outsourced Services - 1.6%<br>B-/Caa1First Data Corp., 8.25%,<br>1/15/21 (144A)  | \$ 1,896,666 |
|     | 650,000                         |                        | B-/Caa1First Data Corp., 10.625%,<br>6/15/21 (144A)   | 704,438      |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                 |           |   |               |
|-----------------|-----------|---|---------------|
| 1,783,000       | B-/Caa1   | First Data Corp., 12.625%,<br>1/15/21                 | 2,092,796     |
| 1,650,000(e)    | B-/Caa1   | Igloo Holdings Corp., 8.25%,<br>12/15/17 (144A)       | 1,680,938     |
|                 |           |   | \$ 6,374,838  |
|                 |           | Systems Software - 1.3%                               |               |
| 5,509,397(e)(g) | NR/NR     | Pegasus Solutions, Inc.,<br>13.0%, 4/15/14 (144A)     | \$ 5,123,739  |
|                 |           | Total Software & Services                             | \$ 12,487,002 |
|                 |           | TECHNOLOGY<br>HARDWARE &<br>EQUIPMENT - 0.8%          |               |
|                 |           | Communications Equipment<br>- 0.7%                    |               |
| 1,350,000(e)    | B/B3      | CommScope Holding Co.,<br>Inc., 6.625%, 6/1/20 (144A) | \$ 1,404,000  |
| 1,500,000       | CCC+/B3   | CPI International, Inc., 8.0%,<br>2/15/18             | 1,567,500     |
|                 |           |   | \$ 2,971,500  |
|                 |           | Electronic Equipment &<br>Instruments - 0.1%          |               |
| 350,000         | BB-/B1    | Viasystems, Inc., 7.875%,<br>5/1/19 (144A)            | \$ 378,437    |
|                 |           | Total Technology Hardware<br>& Equipment              | \$ 3,349,937  |
|                 |           | TELECOMMUNICATION<br>SERVICES - 1.8%                  |               |
|                 |           | Alternative Carriers - 0.1%                           |               |
| 600,000         | NR/WR     | PAETEC Holding Corp.,<br>9.875%, 12/1/18              | \$ 670,500    |
|                 |           | Integrated<br>Telecommunication Services<br>- 1.3%    |               |
| 3,539,000       | CCC+/Caa1 | Cincinnati Bell, Inc., 8.75%,<br>3/15/18              | \$ 3,715,950  |
| 1,400,000       | BB-/Ba2   | Frontier Communications<br>Corp., 7.625%, 4/15/24     | 1,396,500     |
|                 |           |   | \$ 5,112,450  |
|                 |           | Wireless Telecommunication<br>Services - 0.4%         |               |
| 300,000         | B-/P)B3   | Altice Finco S.A., 8.125%,<br>1/15/24 (144A)          | \$ 311,250    |
| 400,000         | NR/NR     | Unison Ground Lease<br>Funding LLC, 5.78%,            | 379,091       |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                                 |                        |  |                           |
|---------------------------------|------------------------|--|---------------------------|
|                                 |                        | 3/15/20 (144A)   |                           |
| 725,000                         | BB/Ba3                 | Vimpel Communications Via<br>VIP Finance Ireland, Ltd.<br>OJSC, 9.125%, 4/30/18<br>(144A)        | 850,063<br>\$ 1,540,404   |
|                                 |                        | Total Telecommunication<br>Services  | \$ 7,323,354              |
|                                 |                        | TRANSPORTATION - 3.7%<br>Air Freight & Logistics -<br>0.2%                                       |                           |
| 720,000                         | CCC-/Caa2              | CEVA Group Plc, 11.625%,<br>10/1/16 (144A)   | \$ 752,400                |
|                                 |                        | Airlines - 1.1%  |                           |
| 500,000                         | B-/NR                  | Gol Finance, 9.25%, 7/20/20<br>(144A)  | \$ 440,000                |
| 600,000                         | B/B2                   | United Continental Holdings,<br>Inc., 6.375%, 6/1/18   | 627,000                   |
| 3,500,000                       | B/B2                   | United Continental Holdings,<br>Inc., 8.0%, 7/15/24  | 3,510,500<br>\$ 4,577,500 |
|                                 |                        | Airport Services - 0.1%  |                           |
| 575,000                         | BB-/Ba3                | Aeropuertos Dominicanos<br>Siglo XXI SA, 9.25%,<br>11/13/19 (144A)                               | \$ 566,375                |
|                                 |                        | Marine - 0.1%  |                           |
| 295,000                         | B+/B3                  | Navios South American<br>Logistics, Inc./Navios<br>Logistics Finance US, Inc.,<br>9.25%, 4/15/19 | \$ 318,231                |
|                                 |                        | Railroads - 0.3%   |                           |
| 1,116,919(e)                    | CCC/Caa3               | Florida East Coast Holdings<br>Corp., 10.5%, 8/1/17  | \$ 1,150,427              |
|                                 |                        | Trucking - 1.9%  |                           |
| 3,500,000                       | B-/B2                  | Jack Cooper Holdings Corp.,<br>9.25%, 6/1/20 (144A)  | 3,771,250                 |
| 1,375,000                       | B+/B3                  | Swift Services Holdings,<br>Inc., 10.0%, 11/15/18  | 1,529,687                 |
| 2,000,000                       | CCC+/Caa1              | Syncreon Group BV /<br>Syncreon Global Finance<br>US, Inc., 8.625%, 11/1/21<br>(144A)            | 2,070,000                 |
| Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings |  | Value                     |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|              |           |   |                |
|--------------|-----------|---|----------------|
|              |           |   | \$ 7,370,937   |
|              |           | Total Transportation  | \$ 14,735,870  |
|              |           | UTILITIES - 1.6%  |                |
|              |           | Electric Utilities - 0.9%   |                |
| 310,000      | NR/Caa3   | Empresa Distribuidora Y<br>Comercializadora Norte,<br>9.75%, 10/25/22 (144A)                      | \$ 210,025     |
| 1,010,000(c) | BB+/Ba1   | Enel SpA, 8.75%, 9/24/73<br>(144A)  | 1,098,241      |
| 885,000      | CCC+/B3   | Energy Future Intermediate<br>Holding Co., LLC / EFIH<br>Finance, Inc., 10.0%, 12/1/20<br>(144A)  | 938,100        |
| 1,000,000    | BBB-/Ba1  | PNM Resources, Inc.,<br>9.25%, 5/15/15  | 1,112,500      |
| 350,000      | CCC-/Caa3 | Texas Competitive Electric<br>Holdings Co., LLC / TCEH<br>Finance, Inc., 11.5%, 10/1/20<br>(144A) | 257,250        |
|              |           |   | \$ 3,616,116   |
|              |           | Multi-Utilities - 0.7%  |                |
| 2,704,905    | NR/NR     | Ormat Funding Corp.,<br>8.25%, 12/30/20   | \$ 2,596,709   |
|              |           | Total Utilities   | \$ 6,212,825   |
|              |           | TOTAL CORPORATE<br>BONDS & NOTES<br>(Cost \$404,402,933)  | \$ 421,736,711 |
|              |           | CONVERTIBLE BONDS &<br>NOTES - 5.3% of Net<br>Assets  |                |
|              |           | CAPITAL GOODS - 0.9%  |                |
|              |           | Construction & Farm<br>Machinery & Heavy Trucks -<br>0.9%   |                |
| 2,625,000    | B-/NR     | Meritor, Inc., 7.875%, 3/1/26<br>(144A)   | \$ 3,768,516   |
|              |           | Total Capital Goods   | \$ 3,768,516   |
|              |           | DIVERSIFIED<br>FINANCIALS - 0.1%  |                |
|              |           | Asset Management &<br>Custody Banks - 0.1%  |                |
| 400,000      | BBB/NR    |   | \$ 425,500     |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                                 |                        |  |              |
|---------------------------------|------------------------|--|--------------|
|                                 |                        | Apollo Investment Corp.,<br>5.75%, 1/15/16       |              |
|                                 |                        | Total Diversified Financials                     | \$ 425,500   |
|                                 |                        | ENERGY - 1.4%                                    |              |
|                                 |                        | Coal & Consumable Fuels -<br>0.5%                |              |
| 1,905,000                       |                        | CCC+/NRMassey Energy Co., 3.25%,<br>8/1/15       | \$ 1,897,856 |
|                                 |                        | Oil & Gas Drilling - 0.6%                        |              |
| 2,265,000(b)                    |                        | NR/NRHercules Offshore, Inc.,<br>0.0%, 6/1/38    | \$ 2,242,350 |
|                                 |                        | Oil & Gas Exploration &<br>Production - 0.3%     |              |
| 1,340,000                       |                        | BB-/Ba3Chesapeake Energy Corp.,<br>2.5%, 5/15/37 | \$ 1,360,100 |
|                                 |                        | Total Energy                                     | \$ 5,500,306 |
|                                 |                        | HEALTH CARE - 0.2%                               |              |
|                                 |                        | Biotechnology - 0.2%                             |              |
| 1,400,000                       |                        | NR/NRCorsicanto, Ltd., 3.5%,<br>1/15/32          | \$ 987,875   |
|                                 |                        | Total Health Care                                | \$ 987,875   |
|                                 |                        | HEALTH CARE<br>EQUIPMENT & SERVICES<br>- 1.1%    |              |
|                                 |                        | Health Care Equipment &<br>Services - 0.8%       |              |
| 2,837,000(b)                    |                        | B+/NRHologic, Inc., 2.0%,<br>12/15/37            | \$ 3,306,878 |
|                                 |                        | Health Care Facilities - 0.2%                    |              |
| 780,000                         |                        | B/NRLifePoint Hospitals, Inc.,<br>3.5%, 5/15/14  | \$ 847,762   |
| Principal<br>Amount<br>USD (\$) | S&P/Moody's<br>Ratings |  | Value        |
|                                 |                        | Health Care Services - 0.1%                      |              |
| 361,000                         | B+/B2                  |  | \$ 385,819   |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|              |  |  |               |
|--------------|--|--|---------------|
|              |  | Omnicare, Inc., 3.25%,<br>12/15/35   |               |
|              |  | Total Health Care Equipment<br>& Services                                      | \$ 4,540,459  |
|              |  | MATERIALS - 0.9%<br>Diversified Chemicals -<br>0.9%                            |               |
| 4,000,000(j) |  | B+/NRHercules, Inc., 6.5%, 6/30/29   | \$ 3,480,000  |
|              |  | Total Materials  | \$ 3,480,000  |
|              |  | MEDIA - 0.5%<br>Movies & Entertainment -<br>0.5%                               |               |
| 1,832,000    |  | B/NRLive Nation Entertainment,<br>Inc., 2.875%, 7/15/27                        | \$ 1,859,480  |
|              |  | Total Media  | \$ 1,859,480  |
|              |  | SEMICONDUCTORS &<br>SEMICONDUCTOR<br>EQUIPMENT - 0.2%<br>Semiconductors - 0.2% |               |
| 750,000      |  | NR/NRReneSola, Ltd., 4.125%,<br>3/15/18 (144A)                                 | \$ 592,500    |
| 42,000(d)    |  | NR/NRSuntech Power Holdings Co.,<br>Ltd., 3.0%, 3/15/13                        | 4,200         |
|              |  | Total Semiconductors &<br>Semiconductor Equipment                              | \$ 596,700    |
|              |  | TOTAL CONVERTIBLE<br>BONDS & NOTES<br>(Cost \$16,858,386)                      | \$ 21,158,836 |
|              |  | SOVEREIGN DEBT<br>OBLIGATIONS - 0.8% of<br>Net Assets<br>Argentina - 0.3%      |               |
| 1,200,000    |  | CCC+/Caa1City of Buenos Aires, 12.5%,<br>4/6/15 (144A)                         | \$ 1,254,000  |
|              |  | Russia - 0.5%  |               |
| 1,658,800(b) |  | BBB/Baa1Russian Government<br>International Bond, 7.5%,<br>3/31/30             | \$ 1,932,834  |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                 |         |   |                           |
|-----------------|---------|---|---------------------------|
|                 |         | TOTAL SOVEREIGN<br>DEBT OBLIGATIONS<br>(Cost \$2,383,384)   | \$ 3,186,834              |
|                 |         | TAX EXEMPT<br>OBLIGATIONS - 4.3% of<br>Net Assets<br>Indiana - 0.4%                               |                           |
| 1,650,000       | NR/Baa3 | East Chicago Indiana<br>Exempt Facilities Revenue,<br>7.0%, 1/1/14                                | \$ 1,650,000              |
| 4,525,000(c)    | B/B2    | New Jersey - 1.1%<br>New Jersey Economic<br>Development Authority<br>Revenue, 7.0%, 11/15/30      | \$ 4,520,475              |
| 3,475,000       | BB/B2   | New York - 0.9%<br>New York City Industrial<br>Development Agency<br>Revenue, 7.625%, 12/1/32     | \$ 3,491,124              |
| 1,670,000       | NR/NR   | North Carolina - 1.9%<br>Charlotte North Carolina<br>Special Facilities Revenue,<br>7.75%, 2/1/28 | \$ 1,671,236              |
| 6,300,000       | NR/NR   | Charlotte Special Facilities<br>Revenue, 5.6%, 7/1/27   | 5,930,253<br>\$ 7,601,489 |
|                 |         | TOTAL TAX EXEMPT<br>OBLIGATIONS<br>(Cost \$13,098,222)  | \$ 17,263,088             |
|                 |         | MUNICIPAL<br>COLLATERALIZED DEBT<br>OBLIGATION - 0.2% of<br>Net Assets                            |                           |
| 3,300,000(c)(g) | NR/NR   | Non-Profit Preferred<br>Funding Trust I, 0.0%,<br>9/15/37 (144A)                                  | \$ 657,855                |
|                 |         | TOTAL MUNICIPAL<br>COLLATERALIZED DEBT<br>OBLIGATION<br>(Cost \$3,293,609)                        | \$ 657,855                |

Shares

Value

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|              |                             |              |
|--------------|-----------------------------|--------------|
|              | COMMON STOCKS - 2.5%        |              |
|              | of Net Assets               |              |
|              | CAPITAL GOODS - 0.2%        |              |
|              | Building Products - 0.2%    |              |
| 894(g)(h)(1) | Panolam Holdings Co.        | \$ 715,200   |
|              | Total Capital Goods         | \$ 715,200   |
|              | MATERIALS - 0.5%            |              |
|              | Diversified Metals & Mining |              |
|              | - 0.5%                      |              |
| 3,402        | Freeport-McMoRan Copper     |              |
|              | & Gold, Inc. Class B        | \$ 128,392   |
| 22,908       | Lyondell Basell Industries  |              |
|              | NV, Class A                 | 1,839,054    |
|              |                             | \$ 1,967,446 |
|              | Total Materials             | \$ 1,967,446 |
|              | PHARMACEUTICALS,            |              |
|              | BIOTECHNOLOGY &             |              |
|              | LIFE SCIENCES - 0.2%        |              |
|              | Pharmaceuticals - 0.2%      |              |
| 17,818       | Teva Pharmaceutical         |              |
|              | Industries, Ltd. (A.D.R.)   | \$ 714,145   |
|              | Total Pharmaceuticals,      |              |
|              | Biotechnology & Life        |              |
|              | Sciences                    | \$ 714,145   |
|              | SOFTWARE & SERVICES         |              |
|              | - 0.0%†                     |              |
|              | Systems Software - 0.0%†    |              |
| 10,942(g)(1) | Perseus Holding Corp.       | \$ 27,355    |
|              | Total Software & Services   | \$ 27,355    |
|              | TRANSPORTATION - 1.6%       |              |
|              | Air Freight & Logistics -   |              |
|              | 0.8%                        |              |
| 3,266(1)     | CEVA Holdings LLC           | \$ 3,102,453 |
|              | Airlines - 0.6%             |              |
| 95,830       | Delta Air Lines, Inc.       | \$ 2,632,450 |



Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|               |   |              |
|---------------|---|--------------|
| 877,784(g)(l) | Marine - 0.2%                               |              |
|               | Horizon Lines, Inc., Class A                | \$ 737,339   |
|               | Total Transportation                        | \$ 6,472,242 |
|               | TOTAL COMMON STOCKS                         |              |
|               | (Cost \$8,977,408)                          | \$ 9,896,388 |
|               | CONVERTIBLE PREFERRED STOCK                 |              |
|               | - 0.5% of Net Assets                        |              |
|               | DIVERSIFIED FINANCIALS - 0.5%               |              |
|               | Other Diversified Financial Services - 0.5% |              |
| 1,880(f)      | Bank of America Corp., 7.25%                | \$ 1,994,680 |
|               | Total Diversified Financials                | \$ 1,994,680 |
|               | TOTAL CONVERTIBLE PREFERRED STOCK           |              |
|               | (Cost \$1,383,242)                          | \$ 1,994,680 |
|               | PREFERRED STOCKS                            |              |
|               | - 3.0% of Net Assets                        |              |
|               | BANKS - 0.8%                                |              |
|               | Diversified Banks - 0.8%                    |              |
| 3,000(c)(f)   | AgStar Financial Services ACA, 6.75% (144A) | \$ 2,958,562 |
|               | Total Banks                                 | \$ 2,958,562 |
|               | DIVERSIFIED FINANCIALS - 0.9%               |              |
|               | Other Diversified Financial Services - 0.9% |              |
| 132,750(c)    | GMAC Capital Trust I, 8.125%                | \$ 3,549,735 |
|               | Total Diversified Financials                | \$ 3,549,735 |
|               | ENERGY - 0.2%                               |              |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|              |  |               |
|--------------|--|---------------|
|              | Oil & Gas Storage &<br>Transportation - 0.2%     |               |
| 33,350(c)    | NuStar Logistics LP,<br>7.625%                   | \$ 849,424    |
|              | Total Energy                                     | \$ 849,424    |
| Shares       |  | Value         |
|              | INSURANCE - 1.0%                                 |               |
|              | Reinsurance - 1.0%                               |               |
| 1,200,000(l) | Altair Re  | \$ 1,320,240  |
| 840,000(l)   | Altair Re II Ltd.                                | 840,000       |
| 8,500(l)     | Lorenz Re, Ltd.                                  | 947,920       |
| 950,000(l)   | Pangaea Re                                       | 1,020,994     |
|              |  | \$ 4,129,154  |
|              | Total Insurance                                  | \$ 4,129,154  |
|              | SOFTWARE & SERVICES<br>- 0.1%                    |               |
|              | Systems Software - 0.1%                          |               |
| 5,745(g)(l)  | Perseus Holding Corp.,<br>14.0% (144A)           | \$ 471,090    |
|              | Total Software & Services                        | \$ 471,090    |
|              | TOTAL PREFERRED<br>STOCKS<br>(Cost \$10,993,234) | \$ 11,957,965 |
|              | RIGHTS/WARRANTS<br>- 0.0%† of Net Assets         |               |
|              | AUTOMOBILES &<br>COMPONENTS - 0.0%†              |               |
|              | Auto Parts & Equipment -<br>0.0%†                |               |
| 344(l)       | Lear Corp., Expires 11/9/14                      | \$ 56,089     |
|              | Total Automobiles &<br>Components                | \$ 56,089     |
|              | ENERGY - 0.0%†                                   |               |
|              | Oil & Gas Equipment &<br>Services - 0.0%†        |               |
| 650(d)(g)(l) |  | \$ 657        |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

Green Field Energy Services,  
Inc., Expires 11/15/21  
(144A)

Total Energy \$ 657

TOTAL  
RIGHTS/WARRANTS  
(Cost \$42,353) \$ 56,746

TOTAL INVESTMENTS IN  
SECURITIES - 131.5%  
(Cost - \$495,680,152) (m)  
(n) \$ 522,110,956

OTHER ASSETS AND  
LIABILITIES -6.5% \$ 25,789,391

PREFERRED SHARES AT  
REDEMPTION VALUE,  
INCLUDING DIVIDENDS  
PAYABLE - (38.0)% \$ (151,002,319)

NET ASSETS  
APPLICABLE TO  
COMMON  
SHAREOWNERS -100.0% \$ 396,898,028

| Notional<br>Principal | Credit Default Swap Agreement  | Unrealized | Appreciation |
|-----------------------|--|------------|--------------|
| \$ 2,000,000          | JPMorgan Chase & Co., Goodyear<br>Tire & Rubber Co., 5.0%,<br>12/20/2017 |            | \$ 326,425   |
|                       | TOTAL CREDIT DEFAULT SWAP<br>AGREEMENT<br>(Cost \$(65,000))              |            | \$ 326,425   |

NR  
WR  
(144A)

Security not rated by S&P or Moody's.  
Rating withdrawn by either S&P or Moody's.  
Security is exempt from registration under Rule 144A of the  
Securities Act of 1933. Such securities may be resold normally to  
qualified institutional buyers in a transaction exempt from  
registration. At December 31, 2013, the value of these securities  
amounted to \$229,341,964, or 57.8% of total net assets applicable to  
common shareowners.

† Amount rounds to less than 0.1%.

\*

Senior secured floating rate loan interests in which the Trust invests generally pay interest at rates that are periodically redetermined by reference to a base lending plus a premium. These base lending rates are generally (i) the lending rate offered by one or more major European banks, such as LIBOR (London InterBank Offered Rate), (ii) the prime rate offered by one or more major United States banks, (iii) the certificate of deposit or (iv) other base lending rates used by commercial lenders. The interest rate shown is the rate accruing at December 31, 2013.

- (a) Floating rate note. The rate shown is the coupon rate at December 31, 2013.
- (b) Debt obligation initially issued at one coupon which converts to a higher coupon at a specific date. The rate shown is the rate at December 31, 2013.
- (c) The interest rate is subject to change periodically. The interest is shown is the rate at December 31, 2013.
- (d) Security is in default and is non income producing.
- (e) Payment in Kind (PIK) security which may pay interest in the form of additional principal amount.
- (f) Security is perpetual in nature and has no stated maturity date.
- (g) Indicates a security that has been deemed as illiquid. As of December 31, 2013 the aggregate cost of illiquid securities in the Trust's portfolio was \$15,934,984. As of that date, the aggregate value of illiquid securities in the Trust's portfolio of \$11,684,965 represented 2.9% of total net assets applicable to common shareowners.
- (h) Security is valued using fair value methods (other than prices supplied by independent pricing services).
- (i) The company is scheduled for approval of a reorganization plan.
- (j) Security is priced as a unit.
- (k) Security issued with a zero coupon. Income is recognized through accretion of discount.
- (l) Non-income producing.

- (m) At December 31, 2013, the net unrealized appreciation on investments based on cost for federal tax purposes of \$498,013,019 was as follows:

|  |               |
|--|---------------|
| Aggregate gross unrealized appreciation for all investments in which there is an excess of value over tax cost | \$ 49,221,531 |
| Aggregate gross unrealized depreciation for all investments in which there is an excess of tax cost over value | (25,123,594)  |
| Net unrealized appreciation  | \$ 24,097,937 |

For financial reporting purposes net unrealized appreciation on investments was \$26,430,804 and cost of investments aggregated \$495,680,152.

(n) Distributions of Investments by country of issue, as a percentage of total investments in securities, is as follows:

|                                   |        |
|-----------------------------------|--------|
| United States                     | 76.9%  |
| Canada                            | 3.5    |
| Luxembourg                        | 3.0    |
| Cayman Islands                    | 2.4    |
| Netherlands                       | 2.2    |
| Ireland                           | 1.9    |
| United Kingdom                    | 1.4    |
| Bermuda                           | 1.3    |
| Australia                         | 1.1    |
| Other (individually less than 1%) | 6.3    |
|                                   | 100.0% |

Glossary of Terms:

(A.D.R.) American Depositary Receipt

Principal amounts are denominated in U.S. dollars unless otherwise noted.

|     |   |                     |
|-----|---|---------------------|
| EUR | - | Euro                |
| CNH | - | New Chinese Yuan    |
| GBP | - | Great British Pound |

Various inputs are used in determining the value of the Trust's investments. These inputs are summarized in the three broad levels below.

Level 1 - quoted prices in active markets for identical securities.

Level 2 - other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds credit risks, etc.).

Level 3 - significant unobservable inputs (including the Trust's own assumptions in determining fair value of investments).

Generally, equity securities are categorized as Level 1, fixed income securities and senior loans are categorized as Level 2, and securities valued using fair value methods (other than prices supplied by independent pricing services) as level 3.

The following is a summary of the inputs used as of December 31, 2013, in valuing the Trust's investments.

|   | Level 1 | Level 2     | Level 3   | Total       |
|---|---------|-------------|-----------|-------------|
| Asset Backed Securities                     | \$-     | \$5,935,869 | \$-       | \$5,935,869 |
| Collateralized Mortgage Obligations         | -       | 3,542,581   | -         | 3,542,581   |
| Senior Secured Floating Rate Loan Interests | -       | 24,723,403  | -         | 24,723,403  |
| Tax Exempt Obligations                      | -       | 17,263,088  | -         | 17,263,088  |
| Corporate Bonds & Notes                     |         |             |           |             |
| Other Diversified Financial Services        | -       | -           | 1,652,730 | 1,652,730   |
| Reinsurance                                 | -       | 16,540,852  | 1,601,060 | 18,141,912  |
| All Other                                   | -       | 401,942,069 | -         | 401,942,069 |
| Convertible Bonds & Notes                   | -       | 21,158,836  | -         | 21,158,836  |
| Municipal Collateralized Debt Obligation    | -       | 657,855     | -         | 657,855     |
| Sovereign Debt Obligations                  | -       | 3,186,834   | -         | 3,186,834   |
| Common Stocks                               |         |             |           |             |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                                    |              |               |             |               |
|------------------------------------|--------------|---------------|-------------|---------------|
| Air Freight & Logistics            | –            | 3,102,453     | –           | 3,102,453     |
| Building Products                  | –            | –             | 715,200     | 715,200       |
| Systems Software                   | –            | 27,355        | –           | 27,355        |
| All Other                          | 6,051,380    | –             | –           | 6,051,380     |
| Convertible Preferred Stock:       | 1,994,680    | –             | –           | 1,994,680     |
| Preferred Stocks                   |              |               |             |               |
| Reinsurance                        | –            | –             | 4,129,154   | 4,129,154     |
| Diversified Banks                  | –            | 2,958,562     | –           | 2,958,562     |
| Systems Software                   | –            | 471,090       | –           | 471,090       |
| All Other                          | 4,399,159    | –             | –           | 4,399,159     |
| Rights/Warrants                    |              |               |             |               |
| Oil & Gas Equipment & Services     | –            | 657           | –           | 657           |
| All Other                          | 56,089       | –             | –           | 56,089        |
| Total Investments in Securities    | \$12,501,308 | \$501,511,504 | \$8,098,144 | \$522,110,956 |
| Other Financial Instruments        |              |               |             |               |
| Forward Foreign Currency Contracts | \$–          | \$(492,932 )  | \$–         | \$(492,932 )  |
| Credit Default Swap Agreement      | –            | 326,425       | –           | 326,425       |
| Total Other Financial Instruments  | \$–          | \$(166,507 )  | \$–         | \$(166,507 )  |

Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

The following is a reconciliation of assets valued using significant unobservable inputs (level 3):

|  | Balance<br>as of<br>3/31/13 | Realized<br>gain<br>(loss) | Change in<br>Unrealized<br>appreciation<br>(depreciation) | Purchases          | Sales              | Accrued<br>discounts/<br>premium | Transfers<br>in to<br>Level 3* | Transfers<br>out<br>of<br>Level<br>3* | Balance<br>as of<br>12/31/13 |
|--|-----------------------------|----------------------------|---|--------------------|--------------------|----------------------------------|--------------------------------|---------------------------------------|------------------------------|
| Corporate<br>Bonds &<br>Notes<br>Other<br>Diversified<br>Financial<br>Services | \$1,772,245                 | \$-                        | \$ (119,977 )   | \$-                | \$-                | \$ 462                           | \$-                            | \$-                                   | \$1,652,730                  |
| Reinsurance  | -                           | 3,600                      | 111,640   | 600,000            | (600,000)          | -                                | 1,485,820                      | -                                     | 1,601,060                    |
| Common<br>Stocks<br>Building<br>Products                                       | 522,096                     | -                          | 193,104   | -                  | -                  | -                                | -                              | -                                     | 715,200                      |
| Preferred<br>Stocks<br>Reinsurance   | -                           | -                          | 292,094   | 3,837,060          | -                  | -                                | -                              | -                                     | 4,129,154                    |
| <b>Total</b>   | <b>\$2,294,341</b>          | <b>\$3,600</b>             | <b>\$ 476,861</b>   | <b>\$4,437,060</b> | <b>\$(600,000)</b> | <b>\$ 462</b>                    | <b>\$1,485,820</b>             | <b>\$-</b>                            | <b>\$8,098,144</b>           |

\* Transfers are calculated on the beginning of period value

Net change in unrealized appreciation of Level 3 investments still held and considered  
Level 3 at 12/31/13: 476,861

Open portfolio hedges at December 31, 2013, were as follows:

| Currency | Net Contracts In<br>To Receive/<br>(Deliver) | Exchange<br>for US\$ | Settlement<br>Date | US\$ Value | Net<br>Unrealized<br>Appreciation/<br>Depreciation |
|----------|--|----------------------|--------------------|------------|--|
|          |  |                      |                    |            |  |



Edgar Filing: PIONEER HIGH INCOME TRUST - Form N-Q/A

|                       |             |               |          |                |           |
|-----------------------|-------------|---------------|----------|----------------|-----------|
| EUR (European Dollar) | (1,400,000) | \$(1,932,756) | 04/24/14 | \$ (1,925,028) | \$ 7,728  |
| EUR (European Dollar) | (1,500,000) | (1,991,658)   | 04/24/14 | (2,062,530)    | (70,872)  |
| EUR (European Dollar) | (3,694,000) | (4,814,069)   | 04/24/14 | (5,079,325)    | (265,256) |
| GBP (Pound Sterling)  | (700,000)   | (1,119,837)   | 03/28/14 | (1,158,994)    | (39,157)  |
| GBP (Pound Sterling)  | (886,000)   | (1,341,581)   | 03/28/14 | (1,466,956)    | (125,375) |
| Total                 |             |               |          |                | (492,932) |

As of December 31, 2013, the Trust had no unfunded loan commitments. The Trust had the following bridge loan outstanding at December 31, 2013.

| Borrower               | Par         | Cost        | Value       | Unrealized<br>Appreciation<br>(Depreciation) |
|------------------------|-------------|-------------|-------------|--|
| Delta Patheon Holdings | \$2,900,000 | \$2,900,000 | \$2,900,000 | \$-  |

ITEM 2. CONTROLS AND PROCEDURES. (a) Disclose the conclusions of the registrant's principal executive and principal financial officers, or persons performing similar functions, regarding the effectiveness of the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Act (17 CFR 270.30a-3(c))) as of a date within 90 days of the filing date of the report that includes the disclosure required by this paragraph, based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Exchange Act (17 CFR 240.13a-15(b) or 240.15d-15(b)). The registrant's principal executive officer and principal financial officer have concluded that the registrant's disclosure controls and procedures are effective based on their evaluation of these controls and procedures as of a date within 90 days of the filing date of this report. (b) Disclose any change in the registrant's internal controls over financial reporting (as defined in Rule 30a-3(d) under the Act (17 CFR 270.30a-3(d))) that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting. There were no significant changes in the registrant's internal control over financial reporting that occurred during the second fiscal quarter of the period covered by this report that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting. ITEM 3. EXHIBITS. File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Act (17 CFR 270.30a-2(a)), exactly as set forth below: CERTIFICATIONS I, [identify the certifying individual], certify that: 1. I have reviewed this report on Form N-Q of [identify registrant]; 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; 3. Based on my knowledge, the schedules of investments included in this report fairly present in all material respects the investments of the registrant as of the end of the fiscal quarter for which the report is filed; 4. The registrants other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940) and internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940) for the registrant and have: (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable

assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; (c) Evaluated the effectiveness of the registrants disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of a date within 90 days prior to the filing date of this report, based on such evaluation; and (d) Disclosed in this report any change in the registrants internal control over financial reporting that occurred during the registrants most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrants internal control over financial reporting; and 5. The registrants other certifying officer(s) and I have disclosed to the registrants auditors and the audit committee of the registrants board of directors (or persons performing the equivalent functions): (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrants ability to record, process, summarize, and report financial information; and (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrants internal control over financial reporting. Date: [Signature] [Title] Filed herewith. <PAGE> SIGNATURES [See General Instruction F] Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized. (Registrant) Pioneer High Income Trust By (Signature and Title)\* /s/ Daniel K. Kingsbury ----- Daniel K. Kingsbury, President Date February 28, 2014 Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated. By (Signature and Title)\* /s/ Daniel K. Kingsbury ----- Daniel K. Kingsbury, President Date February 28, 2014 By (Signature and Title)\* /s/ Mark Bradley ----- Mark Bradley, Treasurer Date February 28, 2014 \* Print the name and title of each signing officer under his or her signature.