

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

PIONEER HIGH INCOME TRUST  
Form N-Q  
August 27, 2015

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 811-21043

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: June 30, 2015

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

<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 | June 30, 2015

Ticker Symbol: PHT

---

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

Schedule of Investments | 6/30/15 (unaudited)

Principal Amount USD (\$)		Value
	ASSET BACKED SECURITIES - 0.9% of Net Assets	
	BANKS - 0.1%	
	Thriffs & Mortgage Finance - 0.1%	
200,335(a)	Security National Mortgage Loan Trust, Series 2007-1A, Class 1A3, 6.55%, 4/25/37 (144A)	\$ 202,178
	Total Banks	\$ 202,178
	CONSUMER SERVICES - 0.2%	
	Hotels, Resorts, Cruise Lines - 0.2%	
98,270	Westgate Resorts LLC, Series 2012-2A, Class C, 9.0%, 1/20/25 (144A)	\$ 99,253
567,979	Westgate Resorts LLC, Series 2012-BA, Class A, 9.5%, 2/20/25 (144A)	570,645
105,488	Westgate Resorts LLC, Series 2013-1A, Class B, 3.75%, 8/20/25 (144A)	106,602
	Total Consumer Services	\$ 776,500
	DIVERSIFIED FINANCIALS - 0.2%	
	Thriffs & Mortgage Finance - 0.2%	
660,000(a)	GMAT Trust, Series 2013-1A, Class M, 5.0%, 11/25/43 (144A)	\$ 630,662
	Total Diversified Financials	\$ 630,662
	TRANSPORTATION - 0.4%	
	Airlines - 0.4%	
1,093,508(b)	Aircraft Finance Trust, Series 1999-1A, Class A1, 0.666%, 5/15/24 (144A)	\$ 306,182
543,450(b)	Aviation Capital Group Trust, Series 2000-1A, Class A1, 0.666%, 11/15/25 (144A)	213,304
1,316,643(b)	Lease Investment Flight Trust, Series 1, Class A1, 0.576%, 7/15/31	789,986
	Total Transportation	\$ 1,309,472
	TOTAL ASSET BACKED SECURITIES (Cost \$3,551,961)	\$ 2,918,812

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

	COLLATERALIZED MORTGAGE OBLIGATIONS	
	- 1.2% of Net Assets	
	BANKS - 0.9%	
	Thriffs & Mortgage Finance - 0.9%	
850,000(b)	BAMLL Commercial Mortgage Securities Trust, Series 2014-INLD, Class F, 2.71%, 12/15/29 (144A)	\$ 784,196
400,000(a)	Bear Stearns Commercial Mortgage Securities Trust, Series 2007-PW16, Class B, 5.896%, 6/11/40 (144A)	399,823
230,071	Homeowner Assistance Program Reverse Mortgage Loan Trust, Series 2013-RM1, Class A, 4.0%, 5/26/53 (144A)	225,838
250,000(a)	Springleaf Mortgage Loan Trust, Series 2013-1A, Class B1, 5.58%, 6/25/58 (144A)	257,710
498,000(a)	Wachovia Bank Commercial Mortgage Trust, Series 2006-C24, Class AJ, 5.658%, 3/15/45	502,656
900,000(a)	Wachovia Bank Commercial Mortgage Trust, Series 2007-C34, Class AJ, 6.144%, 5/15/46	938,879
	Total Banks	\$ 3,109,102
	DIVERSIFIED FINANCIALS - 0.3%	
	Thriffs & Mortgage Finance - 0.3%	
200,000	JP Morgan Chase Commercial Mortgage Securities Trust, Series 2006-CB16, Class AJ, 5.623%, 5/12/45	\$ 201,886
650,000(a)	JP Morgan Chase Commercial Mortgage Securities Trust, Series 2007-LD12, Class AJ, 6.208%, 2/15/51	663,459
	Total Diversified Financials	\$ 865,345
	TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS	
	(Cost \$3,853,127)	\$ 3,974,447
	SENIOR SECURED FLOATING RATE LOAN INTERESTS -	
	7.5% of Net Assets *(b)	
	CAPITAL GOODS - 0.1%	
	Industrial Conglomerates - 0.1%	
313,298	Filtration Group Corp., Second Lien Initial Term Loan, 8.25%, 11/22/21	\$ 315,384
	Total Capital Goods	\$ 315,384

Principal  
Amount  
USD (\$)

Value

	CONSUMER SERVICES - 0.8%	
	Education Services - 0.8%	
2,856,500		\$ 2,873,759

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

McGraw-Hill School Education Holdings  
 LLC, Term B Loan, 6.25%, 12/18/19

	Total Consumer Services	\$ 2,873,759
	ENERGY - 1.4%	
	Coal & Consumable Fuels - 0.1%	
587,500	PT Bumi Resources Tbk, Term Loan, 18.0%, 8/15/14	\$ 220,312
	Oil & Gas Drilling - 0.3%	
1,050,500	Jonah Energy LLC, Second Lien Initial Loan, 7.5%, 5/12/21	\$ 1,001,914
	Oil & Gas Equipment & Services - 0.4%	
1,950,000	Templar Energy LLC, Second Lien New Term Loan, 8.5%, 11/25/20	\$ 1,464,450
	Oil & Gas Exploration & Production - 0.6%	
2,664,204	Fieldwood Energy LLC, Closing Date Second Lien Term Loan, 8.375%, 9/30/20	\$ 2,044,777
	Total Energy	\$ 4,731,453
	FOOD, BEVERAGE & TOBACCO - 0.4%	
	Packaged Foods & Meats - 0.4%	
1,498,750	New HB Acquisition LLC, Term B Loan, 6.75%, 4/9/20	\$ 1,536,219
	Total Food, Beverage & Tobacco	\$ 1,536,219
	HEALTH CARE EQUIPMENT & SERVICES - 0.9%	
	Health Care Equipment & Services - 0.6%	
875,000	Accellent, Inc. (Medical Device/UTI), Second Lien Term Loan, 7.5%, 3/11/22	\$ 842,187
1,140,000	Concentra, Inc., Initial Term Loan, 8.282%, 6/1/23	1,146,384
		\$ 1,988,571
	Health Care Technology - 0.3%	
1,155,136	Medical Card System, Inc., Term Loan, 12.0%, 3/17/17	\$ 1,108,931
	Total Health Care Equipment & Services	\$ 3,097,502
	INSURANCE - 0.6%	

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

1,885,452	Property & Casualty Insurance - 0.6%	
	Confie Seguros Holding II Co., Second Lien Term Loan, 10.25%, 5/8/19	\$ 1,878,382
	Total Insurance	\$ 1,878,382
	MATERIALS - 0.2%	
131,698(c)	Diversified Metals & Mining - 0.0% †	
	PT Bakrie & Brothers Tbk, Facility Term Loan B, 8.0%, 1/20/13	\$ 49,387
	Steel - 0.2%	
585,575	Essar Steel Algoma, Inc., Initial Term Loan, 7.5%, 8/16/19	\$ 536,289
	Total Materials	\$ 585,676
	MEDIA - 0.5%	
	Publishing - 0.5%	
1,195,425	Cengage Learning Acquisitions, Inc. (fka TL Acquisitions, Inc.), Term Loan, 7.0%, 3/31/20	\$ 1,199,908
343,200	Lee Enterprises, Inc., First Lien Term Loan, 7.25%, 3/31/19	344,916
	Total Media	\$ 1,544,824
	PHARMACEUTICALS, BIOTECHNOLOGY & LIFE SCIENCES - 1.2%	
	Biotechnology - 1.2%	
4,105,000	Lantheus Medical Imaging, Inc., Term Loan, 9.75%, 5/15/17	\$ 4,058,819
	Total Pharmaceuticals, Biotechnology & Life Sciences	\$ 4,058,819
	RETAILING - 0.7%	
	Automotive Retail - 0.4%	
1,567,500	CWGS Group LLC, Term Loan, 5.25%, 2/20/20	\$ 1,578,276
	Computer & Electronics Retail - 0.3%	
1,159,624	Targus Group International, Inc., Term Loan, 14.75%, 5/24/16	\$ 956,690
	Total Retailing	\$ 2,534,966

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

Principal Amount USD (\$)		Value
	SOFTWARE & SERVICES - 0.7%	
	Application Software - 0.7%	
2,500,000	Vertafore, Inc., Second Lien Term Loan, 9.75%, 10/27/17	\$ 2,534,375
	Total Software & Services	\$ 2,534,375
	TOTAL SENIOR SECURED FLOATING RATE LOAN INTERESTS	
	(Cost \$27,256,103)	\$ 25,691,359
	CORPORATE BONDS & NOTES	
	- 114.1% of Net Assets	
	AUTOMOBILES & COMPONENTS - 1.5%	
	Auto Parts & Equipment - 1.3%	
1,140,000(d)	International Automotive Components Group SA, 9.125%, 6/1/18 (144A)	\$ 1,162,800
580,000	Pittsburgh Glass Works LLC, 8.0%, 11/15/18 (144A)	610,450
2,885,000(d)	Stackpole International Intermediate / Stackpole International Powder, 7.75%, 10/15/21 (144A)	2,841,725
		\$ 4,614,975
	Automobile Manufacturers - 0.2%	
500,000(d)	Chrysler Group LLC/CG Co-Issuer, Inc., 8.25%, 6/15/21	\$ 545,000
	Total Automobiles & Components	\$ 5,159,975
	BANKS - 1.2%	
	Thriffs & Mortgage Finance - 1.2%	
4,425,000(d)	Provident Funding Associates LP / PFG Finance Corp., 6.75%, 6/15/21 (144A)	\$ 4,225,875
	Total Banks	\$ 4,225,875
	CAPITAL GOODS - 7.3%	
	Aerospace & Defense - 1.8%	
2,200,000	ADS Tactical, Inc., 11.0%, 4/1/18 (144A)	\$ 2,277,000



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

3,084,000(d)	DynCorp International, Inc., 10.375%, 7/1/17	2,220,480
1,305,000(d)	LMI Aerospace, Inc., 7.375%, 7/15/19	1,301,738
525,000	Triumph Group, Inc., 5.25%, 6/1/22	518,437
		\$ 6,317,655
345,000	Agricultural & Farm Machinery - 0.1% Titan International, Inc., 6.875%, 10/1/20	\$ 316,969
400,000	Building Products - 0.1% Griffon Corp., 5.25%, 3/1/22	\$ 398,000
1,500,000(d)	Construction & Engineering - 0.5% Abengoa Finance SAU, 8.875%, 11/1/17 (144A)	\$ 1,560,000
2,000,000(d)	Construction & Farm Machinery & Heavy Trucks - 0.6% Navistar International Corp., 8.25%, 11/1/21	\$ 1,900,000
2,000,000(d)	Electrical Components & Equipment - 0.6% WireCo WorldGroup, Inc., 9.5%, 5/15/17	\$ 1,878,760
253,000(d)	Industrial Conglomerates - 0.5% Boart Longyear Management Pty, Ltd., 10.0%, 10/1/18 (144A)	\$ 240,350
605,000	JB Poindexter & Co., Inc., 9.0%, 4/1/22 (144A)	647,350
810,000	Waterjet Holdings, Inc., 7.625%, 2/1/20 (144A)	842,400
		\$ 1,730,100
2,575,000	Industrial Machinery - 2.3% Apex Tool Group LLC, 7.0%, 2/1/21 (144A)	\$ 2,291,750
1,040,000(d)	Cleaver-Brooks, Inc., 8.75%, 12/15/19 (144A)	1,024,400
4,500,000(d)	Xerium Technologies, Inc., 8.875%, 6/15/18	4,657,500
		\$ 7,973,650
2,510,000(d)	Trading Companies & Distributors - 0.8% TRAC Intermodal LLC / TRAC Intermodal Corp., 11.0%, 8/15/19	\$ 2,710,800
	Total Capital Goods	\$ 24,785,934

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

	COMMERCIAL & PROFESSIONAL SERVICES - 2.1%	
	Commercial Printing - 0.8%	
1,675,000	Multi-Color Corp., 6.125%, 12/1/22 (144A)	\$ 1,712,688
860,000	Mustang Merger Corp., 8.5%, 8/15/21 (144A)	872,900
		\$ 2,585,588
	Diversified Support Services - 1.3%	
3,900,000(d)	NANA Development Corp., 9.5%, 3/15/19 (144A)	\$ 3,724,500
660,000	Transfield Services, Ltd., 8.375%, 5/15/20 (144A)	702,900
		\$ 4,427,400
	Total Commercial & Professional Services	\$ 7,012,988

---

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

Schedule of Investments | 6/30/15 (unaudited)

Principal Amount USD (\$)		Value
	CONSUMER DISCRETIONARY - 1.5%	
	Department Stores - 0.3%	
935,000	Argos Merger Sub, Inc., 7.125%, 3/15/23 (144A)	\$ 979,413
	Homebuilding - 1.2%	
1,500,000	KB Home, 7.0%, 12/15/21	\$ 1,548,750
790,000	KB Home, 7.5%, 9/15/22	821,600
1,035,000	KB Home, 7.625%, 5/15/23	1,081,575
565,000	Taylor Morrison Communities, Inc. / Monarch Communities, Inc., 5.625%, 3/1/24 (144A)	543,812
		\$ 3,995,737
	Total Consumer Discretionary	\$ 4,975,150
	CONSUMER DURABLES & APPAREL - 4.2%	
	Homebuilding - 1.0%	
750,000(d)	Beazer Homes USA, Inc., 9.125%, 5/15/19	\$ 780,938
800,000(d)	Brookfield Residential Properties, Inc., 6.375%, 5/15/25 (144A)	784,000
1,975,000(d)	Rialto Holdings LLC / Rialto Corp., 7.0%, 12/1/18 (144A)	2,054,000
		\$ 3,618,938
	Housewares & Specialties - 1.8%	
1,435,000(d)	Jarden Corp., 7.5%, 5/1/17	\$ 1,560,562
3,000,000(d)	Reynolds Group Issuer, Inc., 9.0%, 4/15/19	3,101,250
1,430,000(d)	Reynolds Group Issuer, Inc., 9.875%, 8/15/19	1,501,500
		\$ 6,163,312
	Leisure Products - 1.2%	
4,000,000	Icon Health & Fitness, Inc., 11.875%, 10/15/16 (144A)	\$ 4,000,000
	Textiles - 0.2%	

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

805,000	Polymer Group, Inc., 6.875%, 6/1/19 (144A)	\$ 740,600
	Total Consumer Durables & Apparel	\$ 14,522,850
	CONSUMER SERVICES - 5.4%	
	Business Services - 0.8%	
1,750,000(d)	Sitel LLC / Sitel Finance Corp., 11.0%, 8/1/17 (144A)	\$ 1,776,250
1,000,000	Sitel LLC / Sitel Finance Corp., 11.5%, 4/1/18	877,500
		\$ 2,653,750
	Casinos & Gaming - 2.5%	
664,649(c)(e)	Mashantucket Western Pequot Tribe, 6.5% (6.5% PIK 1.0% cash), 7/1/36	\$ 6,646
1,700,000(d)	MGM Resorts International, 6.0%, 3/15/23	1,721,250
1,225,000	Scientific Games International, Inc., 6.25%, 9/1/20	952,438
3,000,000(d)	Scientific Games International, Inc., 6.625%, 5/15/21	2,325,000
3,800,000(d)	Scientific Games International, Inc., 10.0%, 12/1/22	3,638,500
		\$ 8,643,834
	Education Services - 0.2%	
555,000	Cambium Learning Group, Inc., 9.75%, 2/15/17	\$ 560,550
	Hotels, Resorts, Cruise Lines - 0.2%	
565,000	Viking Cruises, Ltd., 6.25%, 5/15/25 (144A)	\$ 560,762
	Restaurants - 0.6%	
2,000,000(d)	PF Chang's China Bistro, Inc., 10.25%, 6/30/20 (144A)	\$ 2,067,500
	Specialized Consumer Services - 1.1%	
2,465,000(d)	Constellis Holdings LLC / Constellis Finance Corp., 9.75%, 5/15/20 (144A)	\$ 2,378,725
1,400,000(d)	StoneMor Partners LP / Cornerstone Family Services of WV, 7.875%, 6/1/21	1,456,000
		\$ 3,834,725
	Total Consumer Services	\$ 18,321,121

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

	DIVERSIFIED FINANCIALS - 3.9%	
	Asset Management & Custody Banks - 0.3%	
975,000(d)	Janus Capital Group, Inc., 6.7%, 6/15/17	\$ 1,061,075
	Consumer Finance - 0.7%	
1,030,000(d)	Jefferies Finance LLC / JFIN Co-Issuer Corp., 7.375%, 4/1/20 (144A)	\$ 1,011,975
1,720,000(d)	TMX Finance LLC / TitleMax Finance Corp., 8.5%, 9/15/18 (144A)	1,410,400
		\$ 2,422,375
	Diversified Banks - 1.0%	
1,200,000(a)	Access Bank Plc, 9.25%, 6/24/21 (144A)	\$ 1,140,000
1,650,000(a)(d)(f)	Bank of America Corp., 6.25%	1,642,789
600,000(a)(d)(f)	Bank of America Corp., 6.5%	621,000
		\$ 3,403,789
Principal Amount USD (\$)		Value
	Diversified Capital Markets - 0.2%	
700,000(a)(d)(f)	Credit Suisse Group AG, 7.5% (144A)	\$ 728,840
	Investment Banking & Brokerage - 0.5%	
2,325,000(a)(d)(f)	Goldman Sachs Capital II, 4.0%	\$ 1,769,906
	Specialized Finance - 1.2%	
425,000	Nationstar Mortgage LLC / Nationstar Capital Corp., 6.5%, 7/1/21	\$ 395,781
2,845,000	Nationstar Mortgage LLC / Nationstar Capital Corp., 6.5%, 6/1/22	2,599,619
1,325,000(d)	Ocwen Financial Corp., 7.125%, 5/15/19 (144A)	1,238,875
		\$ 4,234,275
	Total Diversified Financials	\$ 13,620,260
	ENERGY - 16.6%	
	Coal & Consumable Fuels - 0.0% †	
2,125,000(c)	James River Coal Co., 7.875%, 4/1/19	\$ 2,656
	Integrated Oil & Gas - 0.4%	
1,214,000	Energy XXI Gulf Coast, Inc., 6.875%, 3/15/24	\$ 388,480
750,000	YPF SA, 8.875%, 12/19/18 (144A)	796,875

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

		\$ 1,185,355
	Oil & Gas Drilling - 1.0%	
2,500,000	Ocean Rig UDW, Inc., 7.25%, 4/1/19 (144A)	\$ 1,875,000
1,800,000(d)	Shelf Drill Holdings, Ltd., 8.625%, 11/1/18 (144A)	1,602,000
		\$ 3,477,000
	Oil & Gas Equipment & Services - 0.5%	
598,000	Exterran Partners LP / EXLP Finance Corp., 6.0%, 4/1/21	\$ 577,070
1,020,000	McDermott International, Inc., 8.0%, 5/1/21 (144A)	918,000
300,000	Sanjel Corp., 7.5%, 6/19/19 (144A)	219,750
		\$ 1,714,820
	Oil & Gas Exploration & Production - 9.7%	
2,940,000(d)	Approach Resources, Inc., 7.0%, 6/15/21	\$ 2,646,000
4,332,000(d)	Comstock Resources, Inc., 7.75%, 4/1/19	1,819,440
3,850,000(d)	EP Energy LLC / EP Energy Finance, Inc., 9.375%, 5/1/20	4,114,495
95,000	EP Energy LLC / Everest Acquisition Finance, Inc., 7.75%, 9/1/22	99,750
1,295,000(d)	EPL Oil & Gas, Inc., 8.25%, 2/15/18	777,000
2,015,000(d)	Gulfport Energy Corp., 7.75%, 11/1/20	2,110,712
230,000	Halcon Resources Corp., 8.875%, 5/15/21	151,225
3,360,000(d)	Halcon Resources Corp., 9.75%, 7/15/20	2,259,600
1,950,000	Legacy Reserves LP / Legacy Reserves Finance Corp., 6.625%, 12/1/21	1,579,500
800,000	Linn Energy LLC / Linn Energy Finance Corp., 6.5%, 9/15/21	600,000
2,610,000	Memorial Production Partners LP / Memorial Production Finance Corp., 6.875%, 8/1/22	2,360,745
2,000,000(d)	Midstates Petroleum Co., Inc., 9.25%, 6/1/21	830,000
1,050,000	MIE Holdings Corp., 7.5%, 4/25/19 (144A)	792,750
590,000	Parsley Energy LLC / Parsley Finance Corp., 7.5%, 2/15/22 (144A)	598,667
2,485,000	Penn Virginia Corp., 7.25%, 4/15/19	2,137,100
750,000	Penn Virginia Corp., 8.5%, 5/1/20	673,125
2,750,000	PetroQuest Energy, Inc., 10.0%, 9/1/17	2,585,000
3,380,000(c)	Quicksilver Resources, Inc., 7.125%, 4/1/16	16,900

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

	900,000	Rice Energy, Inc., 6.25%, 5/1/22	893,250
	735,000	RSP Permian, Inc., 6.625%, 10/1/22 (144A)	751,538
	4,035,000(d)	Sanchez Energy Corp., 7.75%, 6/15/21	4,014,825
	1,500,000(d)	Vanguard Natural Resources LLC / VNR Finance Corp., 7.875%, 4/1/20	1,432,500
			\$ 33,244,122
	3,859,000	Oil & Gas Refining & Marketing - 2.3% Calumet Specialty Products Partners LP / Calumet Finance Corp., 6.5%, 4/15/21	\$ 3,801,115
	750,000(d)	Calumet Specialty Products Partners LP / Calumet Finance Corp., 7.75%, 4/15/23 (144A)	770,625
	3,000,000(d)	Seven Generations Energy, Ltd., 8.25%, 5/15/20 (144A)	3,183,000
			\$ 7,754,740
		Oil & Gas Storage & Transportation - 2.7%	
	875,000(d)	Crestwood Midstream Partners LP / Crestwood Midstream Finance Corp., 6.25%, 4/1/23 (144A)	\$ 910,000
	1,524,000(b)(d)	Energy Transfer Partners LP, 3.296%, 11/1/66	1,295,400
	350,000(a)(d)	Enterprise Products Operating LLC, 8.375%, 8/1/66	366,625
	1,410,000(d)	Global Partners LP / GLP Finance Corp., 6.25%, 7/15/22	1,353,600
	1,100,000	Global Partners LP / GLP Finance Corp., 7.0%, 6/15/23 (144A)	1,080,750
	385,000	PBF Logistics LP / PBF Logistics Finance Corp., 6.875%, 5/15/23 (144A)	386,925
	2,500,000(d)	Sunoco LP / Sunoco Finance Corp., 6.375%, 4/1/23 (144A)	2,600,000
Principal Amount USD (\$)			Value
		Oil & Gas Storage & Transportation (continued)	
	1,185,000	Western Refining Logistics LP / WNRL Finance Corp., 7.5%, 2/15/23 (144A)	\$ 1,220,550
			\$ 9,213,850
		Total Energy	\$ 56,592,543
		FOOD & STAPLES RETAILING - 0.4%	
		Food Retail - 0.4%	
	1,505,000(d)		\$ 1,506,881

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

	Tops Holding LLC / Tops Markets II Corp., 8.0%, 6/15/22 (144A)	
	Total Food & Staples Retailing	\$ 1,506,881
	FOOD, BEVERAGE & TOBACCO - 7.6%	
	Agricultural Products - 1.0%	
2,100,000(d)	Pinnacle Operating Corp., 9.0%, 11/15/20 (144A)	\$ 2,084,250
1,215,000	Southern States Cooperative, Inc., 10.0%, 8/15/21 (144A)	1,136,025
575,000	Tonon Luxembourg SA, 10.5%, 5/14/24 (144A)	339,250
		\$ 3,559,525
	Packaged Foods & Meats - 5.1%	
775,000	Bertin SA / Bertin Finance, Ltd., 10.25%, 10/5/16 (144A)	\$ 842,584
1,250,000	CFG Investment SAC, 9.75%, 7/30/19 (144A)	1,213,750
318,000(d)	Chiquita Brands International, Inc. / Chiquita Brands LLC, 7.875%, 2/1/21	342,645
3,500,000(d)	FAGE Dairy Industry SA / FAGE USA Dairy Industry, Inc., 9.875%, 2/1/20 (144A)	3,648,750
1,240,000	Marfrig Holding Europe BV, 6.875%, 6/24/19 (144A)	1,181,100
1,000,000	Marfrig Holding Europe BV, 8.375%, 5/9/18 (144A)	1,007,200
1,200,000	Marfrig Holding Europe BV, 11.25%, 9/20/21 (144A)	1,198,800
3,400,000(d)	Minerva Luxembourg SA, 7.75%, 1/31/23 (144A)	3,425,500
400,000	Minerva Luxembourg SA, 12.25%, 2/10/22 (144A)	440,200
2,000,000(d)	Post Holdings, Inc., 6.0%, 12/15/22 (144A)	1,925,000
2,100,000(d)	Post Holdings, Inc., 7.375%, 2/15/22	2,136,750
		\$ 17,362,279
	Soft Drinks - 0.5%	
1,625,000(d)	Cott Beverages, Inc., 5.375%, 7/1/22	\$ 1,576,250
	Tobacco - 1.0%	
3,835,000(d)	Alliance One International, Inc., 9.875%, 7/15/21	\$ 3,355,625
	Total Food, Beverage & Tobacco	\$ 25,853,679



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

	HEALTH CARE - 0.2%	
	Pharmaceuticals - 0.2%	
780,000	Endo Finance LLC / Endo, Ltd. / Endo Finco, Inc., 6.0%, 2/1/25 (144A)	\$ 792,675
	Total Health Care	\$ 792,675
	HEALTH CARE EQUIPMENT & SERVICES - 5.0%	
	Health Care Facilities - 1.9%	
2,560,000(d)	CHS/Community Health Systems, Inc., 6.875%, 2/1/22	\$ 2,700,800
2,400,000	Kindred Healthcare, Inc., 6.375%, 4/15/22	2,397,000
600,000(d)	United Surgical Partners International, Inc., 9.0%, 4/1/20	640,500
835,000	Universal Hospital Services, Inc., 7.625%, 8/15/20	772,375
		\$ 6,510,675
	Health Care Services - 1.2%	
2,250,000(d)	BioScrip, Inc., 8.875%, 2/15/21	\$ 1,912,500
2,000,000(d)	Kindred Escrow Corp. II, 8.0%, 1/15/20 (144A)	2,140,000
		\$ 4,052,500
	Health Care Supplies - 0.9%	
3,000,000(d)	Immucor, Inc., 11.125%, 8/15/19	\$ 3,180,000
	Health Care Technology - 0.3%	
900,000(d)	Emdeon, Inc., 11.0%, 12/31/19	\$ 976,500
	IT Consulting & Other Services - 0.7%	
2,380,000(d)	Truven Health Analytics, Inc., 10.625%, 6/1/20	\$ 2,493,050
	Total Health Care Equipment & Services	\$ 17,212,725
	HOUSEHOLD & PERSONAL PRODUCTS - 1.8%	
	Household Products - 0.6%	
2,220,000	Springs Industries, Inc., 6.25%, 6/1/21	\$ 2,170,050

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

Schedule of Investments | 6/30/15 (unaudited)

Principal Amount USD (\$)		Value
	Personal Products - 1.2%	
1,745,000(d)	Albea Beauty Holdings SA, 8.375%, 11/1/19 (144A)	\$ 1,867,150
2,315,000(d)	Monitronics International, Inc., 9.125%, 4/1/20	2,233,975
		\$ 4,101,125
	Total Household & Personal Products	\$ 6,271,175
	INDUSTRIALS - 1.0%	
	Environmental & Facilities Services - 0.4%	
1,370,000(d)	Safway Group Holding LLC / Safway Finance Corp., 7.0%, 5/15/18 (144A)	\$ 1,400,537
	Industrial Machinery - 0.2%	
849,000(e)(h)	Liberty Tire Recycling LLC, 11.0% (11.0% PIK 0.0% cash), 3/31/21 (144A)	\$ 772,590
	Trading Companies & Distributors - 0.4%	
280,000	Fly Leasing, Ltd., 6.375%, 10/15/21	\$ 283,500
1,080,000(d)	H&E Equipment Services, Inc., 7.0%, 9/1/22	1,113,750
		\$ 1,397,250
	Total Industrials	\$ 3,570,377
	INFORMATION TECHNOLOGY - 0.7%	
	Internet Software & Services - 0.7%	
755,000	Bankrate, Inc., 6.125%, 8/15/18 (144A)	\$ 732,350
1,500,000	Cimpress NV, 7.0%, 4/1/22 (144A)	1,541,250
	Total Information Technology	\$ 2,273,600
	INSURANCE - 12.5%	
	Insurance Brokers - 0.3%	
1,000,000(d)	USI, Inc., 7.75%, 1/15/21 (144A)	\$ 1,015,000
	Multi-Line Insurance - 1.9%	
3,075,000(a)(d)	Liberty Mutual Group, Inc., 10.75% , 6/15/58 (144A)	\$ 4,643,250

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

1,100,000(d)	MetLife, Inc., 10.75%, 8/1/39	1,782,000
		\$ 6,425,250
3,000,000(g)(h)	Property & Casualty Insurance - 2.6% Fixed Income Trust Series, 2013-A, 0.0%, 10/15/97 (144A)	\$ 2,073,165
5,300,000(d)	Hanover Insurance Corp., 7.625%, 10/15/25	6,688,250
265,000(a)(d)(f)	White Mountains Insurance Group, Ltd., 7.506% (144A)	276,925
		\$ 9,038,340
	Reinsurance - 7.7%	
500,000(b)	Alamo Re, Ltd., 5.9%, 6/7/18 (144A) (Cat Bond)	\$ 496,900
875,402(i)	Altair Re II, Ltd. (Willis Securities, Inc.), Variable Rate Notes, 6/30/16	510,009
800,000(i)	Altair Re III, Ltd. (Willis Securities, Inc.), Variable Rate Notes, 6/30/17	824,000
500,000(i)	Arlington Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 8/31/16	503,550
400,000(i)	Arlington Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 8/1/15	455,720
250,000(b)	Atlas Reinsurance VII, Ltd., 8.154%, 1/7/16 (144A) (Cat Bond)	250,075
500,000(b)	Blue Danube II, Ltd., 4.368%, 5/23/16 (144A) (Cat Bond)	497,150
400,000(b)	Caelus Re 2013, Ltd., 6.85%, 4/7/17 (144A) (Cat Bond)	401,200
500,000(b)	Caelus Re, Ltd., 5.25%, 3/7/16 (144A) (Cat Bond)	490,400
700,000(i)	Carnoustie Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 2/19/16	744,310
500,000(i)	Clarendon Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 6/15/16	479,900
500,000(b)	Compass Re II, Ltd., 10.111%, 12/8/15 (144A) (Cat Bond)	476,200
250,000(b)	East Lane Re V, Ltd., 9.0%, 3/16/16 (144A) (Cat Bond)	252,150
913,500(i)	Exeter Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 1/7/16	921,630
600,000(i)	Fairfield Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 2/2/16	573,900
500,000(b)	Galileo Re, Ltd., 7.4%, 1/9/17 (144A) (Cat Bond)	503,300
750,000(i)	Gloucester Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 7/31/15	750,000
1,300,000(i)		1,366,040

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

	Gullane Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 1/22/17	
630,750(i)	Hereford Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 1/12/16	638,382
750,000(b)	Kilimanjaro Re, Ltd., 4.75%, 4/30/18 (144A) (Cat Bond)	722,100
1,000,000(i)	Lahinch Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 6/15/16	974,900
760,000(i)	Lorenz Re, Ltd. (Prime, Ltd.), Variable Rate Notes, 3/31/18	774,288
622,533(i)	Muirfield Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 1/12/16	627,514

---

## Schedule of Investments | 6/30/15 (unaudited)

Principal Amount USD (\$)		Value
	Reinsurance (continued)	
1,000,000(i)	Pangaea Re IX Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 7/1/18	\$ 18,000
1,000,000(i)	Pangaea Re Segregated Account (Kane SAC, Ltd.), Series 2015-1, Variable Rate Notes, 2/1/19	1,058,100
1,000,000(i)	Pangaea Re Segregated Account (Kane SAC, Ltd.), Series 2015-2, Variable Rate Notes, 11/30/19	1,004,900
250,000(b)	Residential Reinsurance 2011, Ltd., 8.9%, 12/6/15 (144A) (Cat Bond)	246,175
250,000(b)	Residential Reinsurance 2012, Ltd., 8.0%, 6/6/16 (144A) (Cat Bond)	260,775
250,000(b)	Residential Reinsurance 2012, Ltd., 10.0%, 6/6/16 (144A) (Cat Bond)	258,150
400,000(b)	Residential Reinsurance 2012, Ltd., 12.75%, 12/6/16 (144A) (Cat Bond)	416,200
250,000(b)	Residential Reinsurance 2012, Ltd., 19.0%, 12/6/16 (144A) (Cat Bond)	265,025
400,000(b)	Residential Reinsurance 2012, Ltd., 22.0%, 6/6/16 (144A) (Cat Bond)	441,960
250,000(b)	Residential Reinsurance 2013, Ltd., 9.25%, 6/6/17 (144A) (Cat Bond)	257,475
500,000(b)	Sanders Re, Ltd., 4.0%, 5/5/17 (144A) (Cat Bond)	488,350
3,439(i)	Sector Re V, Ltd. (Swiss Re), Series 3, Class C, Variable Rate Notes, 12/1/17 (144A)	24,776
1,463(i)	Sector Re V, Ltd. (Swiss Re), Series 4, Class A, Variable Rate Notes, 3/30/19 (144A)	200,436
800,000(i)	Sector Re V, Ltd. (Swiss Re), Series 4, Class C, Variable Rate Notes, 12/1/19 (144A)	843,440
850,000(i)		859,180

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

	Sector Re V, Ltd. (Swiss Re), Series 5, Class A, Variable Rate Notes, 3/1/20 (144A)	
750,000(i)	Sector Re V, Ltd. (Swiss Re), Series 5, Class F, Variable Rate Notes, 3/1/20 (144A)	754,200
800,000(i)	Silverton Re, Ltd. (Aon Benfield Securities, Inc.), Variable Rate Notes, 9/18/17 (144A)	888,320
600,000(i)	Silverton Re, Ltd. (Aon Benfield Securities, Inc.), Variable Rate Notes, 9/16/16 (144A)	23,400
500,000(i)	St. Andrews Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 1/22/16	510,200
300,000(b)	Tar Heel Re, Ltd., 8.5%, 5/9/16 (144A) (Cat Bond)	305,190
642,367(i)	Troon Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 1/12/16	646,028
1,012,000(i)	Turnberry Segregated Account (Kane SAC, Ltd.), Variable Rate Notes, 1/15/16	1,021,311
1,250,000(i)	Versutus, Ltd. (MMC Securities), Series 2015-A, Variable Rate Notes, 12/31/2017	1,309,750
		\$ 26,334,959
	Total Insurance	\$ 42,813,549
	MATERIALS - 14.5%	
	Commodity Chemicals - 2.3%	
3,250,000(d)	Basell Finance Co. BV, 8.1%, 3/15/27 (144A)	\$ 4,293,338
3,625,000(d)	Rain CII Carbon LLC / CII Carbon Corp., 8.25%, 1/15/21 (144A)	3,525,312
		\$ 7,818,650
	Construction Materials - 0.2%	
595,000(d)	Unifrax I LLC / Unifrax Holding Co., 7.5%, 2/15/19 (144A)	\$ 597,975
	Diversified Chemicals - 0.6%	
2,010,000	Evolution Escrow Issuer LLC, 7.5%, 3/15/22 (144A)	\$ 1,904,475
	Diversified Metals & Mining - 1.6%	
725,000	FMG Resources August 2006 Pty, Ltd., 9.75%, 3/1/22 (144A)	\$ 748,562
2,000,000(d)	Global Brass & Copper, Inc., 9.5%, 6/1/19	2,190,000
1,747,928	Mirabela Nickel, Ltd., 9.5%, 6/24/19	1,241,029

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

	1,410,000	Prince Mineral Holding Corp., 11.5%, 12/15/19 (144A)	1,297,200
			\$ 5,476,791
	4,000,000(d)	Forest Products - 1.1% Millar Western Forest Products, Ltd., 8.5%, 4/1/21	\$ 3,850,000
	3,255,000(d)	Gold - 0.8% IAMGOLD Corp., 6.75%, 10/1/20 (144A)	\$ 2,726,063
	1,633,288(e)	Metal & Glass Containers - 0.8% Ardagh Finance Holdings SA, 8.625% (8.625% PIK 0.0% cash), 6/15/19 (144A)	\$ 1,690,453
	500,000	Beverage Packaging Holdings Luxembourg II SA / Beverage Packaging Holdings II Is, 6.0%, 6/15/17 (144A)	500,000
	445,000	Coveris Holdings SA, 7.875%, 11/1/19 (144A)	442,775
			\$ 2,633,228
Principal Amount USD (\$)			Value
	815,000(d)	Metals & Mining - 0.2% JMC Steel Group, Inc., 8.25%, 3/15/18 (144A)	\$ 745,725
	485,000(d)	Paper Packaging - 1.9% AEP Industries, Inc., 8.25%, 4/15/19	\$ 493,488
	2,220,000(d)	Coveris Holding Corp., 10.0%, 6/1/18 (144A)	2,331,000
EUR	3,105,000	SIG Combibloc Holdings SCA, 7.75%, 2/15/23 (144A)	3,601,204
			\$ 6,425,692
	1,590,000(d)	Paper Products - 1.0% Appvion, Inc., 9.0%, 6/1/20 (144A)	\$ 1,001,700
	2,250,000	Mercer International, Inc., 7.0%, 12/1/19	2,351,250
			\$ 3,352,950
	945,000	Specialty Chemicals - 1.3% A Schulman, Inc., 6.875%, 6/1/23 (144A)	\$ 963,900
	400,000	Hexion US Finance Corp., 6.625%, 4/15/20	367,000

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

3,330,000	Hexion US Finance Corp., 9.0%, 11/15/20	2,397,600
850,000	Rentech Nitrogen Partners LP / Rentech Nitrogen Finance Corp., 6.5%, 4/15/21 (144A)	850,000
		\$ 4,578,500
	Steel - 2.7%	
1,125,000(d)	Cliffs Natural Resources, Inc., 8.25%, 3/31/20 (144A)	\$ 1,063,125
2,483,000	Optima Specialty Steel, Inc., 12.5%, 12/15/16 (144A)	2,501,622
3,750,000(d)	Ryerson, Inc., 9.0%, 10/15/17	3,778,125
720,000	SunCoke Energy Partners LP / SunCoke Energy Partners Finance Corp., 7.375%, 2/1/20 (144A)	727,200
1,195,000	United States Steel Corp., 7.5%, 3/15/22	1,227,863
		\$ 9,297,935
	Total Materials	\$ 49,407,984
	MEDIA - 4.0%	
	Broadcasting - 0.2%	
1,000,000(d)	Intelsat Luxembourg SA, 7.75%, 6/1/21	\$ 835,000
	Movies & Entertainment - 3.1%	
2,765,000(d)	AMC Entertainment, Inc., 9.75%, 12/1/20	\$ 3,003,481
1,400,000(d)	Gibson Brands, Inc., 8.875%, 8/1/18 (144A)	1,414,000
1,115,000	Regal Entertainment Group, 5.75%, 2/1/25	1,088,519
1,890,000(d)	SFX Entertainment, Inc., 9.625%, 2/1/19 (144A)	1,658,475
3,575,000(d)	WMG Acquisition Corp., 6.75%, 4/15/22 (144A)	3,396,894
		\$ 10,561,369
	Publishing - 0.7%	
2,200,000(d)	MPL 2 Acquisition Canco, Inc., 9.875%, 8/15/18 (144A)	\$ 2,318,250
		\$ 13,714,619
	Total Media	\$ 13,714,619
	PHARMACEUTICALS, BIOTECHNOLOGY & LIFE SCIENCES - 3.1%	



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

	Biotechnology - 1.6%	
1,400,000(d)	ConvaTec Healthcare E SA, 10.5%, 12/15/18 (144A)	\$ 1,477,000
4,104,000(d)	Lantheus Medical Imaging, Inc., 9.75%, 5/15/17	4,214,808
		\$ 5,691,808
	Pharmaceuticals - 1.5%	
1,508,000(d)	DPx Holdings BV (FKA JLL/Delta Dutch Newco BV), 7.5%, 2/1/22 (144A)	\$ 1,572,090
1,490,000	Endo Finance LLC / Endo, Ltd. / Endo Finco, Inc., 6.0%, 7/15/23 (144A)	1,523,525
1,900,000(d)	VRX Escrow Corp., 5.875%, 5/15/23 (144A)	1,947,500
		\$ 5,043,115
	Total Pharmaceuticals, Biotechnology & Life Sciences	\$ 10,734,923
	REAL ESTATE - 1.1%	
	Diversified Real Estate Activities - 0.1%	
330,000	Alam Synergy Pte, Ltd., 9.0%, 1/29/19 (144A)	\$ 341,550
	Specialized REITs - 1.0%	
3,480,000(d)	Communications Sales & Leasing, Inc., 8.25%, 10/15/23 (144A)	\$ 3,419,100
	Total Real Estate	\$ 3,760,650
	RETAILING - 3.4%	
	Automotive Retail - 1.3%	
1,385,000	Asbury Automotive Group, Inc., 6.0%, 12/15/24	\$ 1,440,400
3,260,000(d)	DriveTime Automotive Group, Inc. / DT Acceptance Corp., 8.0%, 6/1/21 (144A)	3,113,300
		\$ 4,553,700
	Computer & Electronics Retail - 0.9%	
3,305,000(d)	Rent-A-Center, Inc., 6.625%, 11/15/20	\$ 3,230,637
	Department Stores - 0.3%	
900,000(d)	Neiman Marcus Group, Ltd. LLC, 8.0%, 10/15/21 (144A)	\$ 947,250

## Schedule of Investments | 6/30/15 (unaudited)

Principal Amount USD (\$)		Value
	Speciality Stores - 0.9%	
2,135,000	Outerwall, Inc., 5.875%, 6/15/21	\$ 1,996,225
200,000	Outerwall, Inc., 6.0%, 3/15/19	200,500
685,000	Radio Systems Corp., 8.375%, 11/1/19 (144A)	726,100
		\$ 2,922,825
	Total Retailing	\$ 11,654,412
	SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT - 1.1%	
	Semiconductors - 1.1%	
995,000(d)	Advanced Micro Devices, Inc., 7.0%, 7/1/24	\$ 840,775
3,250,000(d)	Advanced Micro Devices, Inc., 7.5%, 8/15/22	2,868,125
	Total Semiconductors & Semiconductor Equipment	\$ 3,708,900
	SOFTWARE & SERVICES - 1.9%	
	Application Software - 0.1%	
500,000	Interface Security Systems Holdings, Inc. / Interface Security Systems LLC, 9.25%, 1/15/18	\$ 502,500
	Data Processing & Outsourced Services - 1.8%	
1,783,000(d)	First Data Corp., 8.25%, 1/15/21 (144A)	\$ 1,881,065
422,000	First Data Corp., 10.625%, 6/15/21	467,365
1,783,000(d)	First Data Corp., 12.625%, 1/15/21	2,059,365
1,650,000(d)(e)	Igloo Holdings Corp., 8.25% (9.0% PIK 8.25% cash), 12/15/17 (144A)	1,670,625
		\$ 6,078,420
	Total Software & Services	\$ 6,580,920
	TECHNOLOGY HARDWARE & EQUIPMENT - 1.2%	
	Communications Equipment - 0.9%	

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

2,400,000(d)(e)	CommScope Holding Co., Inc., 6.625% (7.375% PIK 6.625% cash), 6/1/20 (144A)	\$ 2,490,000
645,000(d)	CommScope Technologies Finance LLC, 6.0%, 6/15/25 (144A)	642,581
		\$ 3,132,581
745,000	Electronic Equipment & Instruments - 0.3% Zebra Technologies Corp., 7.25%, 10/15/22 (144A)	\$ 806,463
	Total Technology Hardware & Equipment	\$ 3,939,044
	TELECOMMUNICATION SERVICES - 4.6%	
	Integrated Telecommunication Services - 3.0%	
2,000,000	Frontier Communications Corp., 7.125%, 1/15/23	\$ 1,775,000
1,400,000(d)	Frontier Communications Corp., 7.625%, 4/15/24	1,235,500
1,975,000(d)	GCI, Inc., 6.75%, 6/1/21	1,999,688
1,725,000	GCI, Inc., 6.875%, 4/15/25	1,742,250
4,200,000(d)	Windstream Corp., 7.5%, 6/1/22	3,690,750
		\$ 10,443,188
	Wireless Telecommunication Services - 1.6%	
1,085,000(d)	Altice Financing SA, 6.625%, 2/15/23 (144A)	\$ 1,077,188
300,000(d)	Altice Finco SA, 8.125%, 1/15/24 (144A)	303,000
1,580,000(d)	Sprint Corp., 7.125%, 6/15/24	1,465,608
2,150,000(d)	Sprint Corp., 7.25%, 9/15/21	2,096,250
400,000	Unison Ground Lease Funding LLC, 5.78%, 3/15/20 (144A)	399,364
		\$ 5,341,410
	Total Telecommunication Services	\$ 15,784,598
	TRANSPORTATION - 3.9%	
	Air Freight & Logistics - 0.3%	
1,005,000(d)	XPO Logistics, Inc., 7.875%, 9/1/19 (144A)	\$ 1,073,943
	Airlines - 1.2%	
1,295,000	Gol LuxCo SA, 8.875%, 1/24/22 (144A)	\$ 1,045,712
360,000		334,800

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

	Intrepid Aviation Group Holdings LLC / Intrepid Finance Co., 6.875%, 2/15/19 (144A)	
2,050,000	Intrepid Aviation Group Holdings LLC / Intrepid Finance Co., 8.25%, 7/15/17 (144A)	2,050,000
600,000(d)	United Continental Holdings, Inc., 6.375%, 6/1/18	625,500
		\$ 4,056,012
	Marine - 0.3%	
1,025,000	Navios South American Logistics, Inc. / Navios Logistics Finance US, Inc., 7.25%, 5/1/22 (144A)	\$ 981,438
	Railroads - 0.7%	
871,934(e)	AAF Holdings LLC / AAF Finance Co., 12.0% (12.75% PIK 12.0% cash), 7/1/19 (144A)	\$ 861,035
1,520,000	Florida East Coast Holdings Corp., 9.75%, 5/1/20 (144A)	1,440,200
		\$ 2,301,235

---

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

Schedule of Investments | 6/30/15 (unaudited)

Principal Amount USD (\$)		Value
	Trucking - 1.4%	
3,500,000(d)	Jack Cooper Holdings Corp., 10.25%, 6/1/20 (144A)	\$ 3,237,500
2,000,000	Syncreon Group BV / Syncreon Global Finance US, Inc., 8.625%, 11/1/21 (144A)	1,515,000
		\$ 4,752,500
	Total Transportation	\$ 13,165,128
	UTILITIES - 2.4%	
	Electric Utilities - 1.0%	
1,095,000	ContourGlobal Power Holdings SA, 7.125%, 6/1/19 (144A)	\$ 1,147,012
1,010,000(a)(d)	Enel SpA, 8.75%, 9/24/73 (144A)	1,158,975
900,000	PPL Energy Supply LLC, 6.5%, 6/1/25 (144A)	900,000
		\$ 3,205,987
	Independent Power Producers & Energy Traders - 0.8%	
2,675,000(d)	NRG Energy, Inc., 6.25%, 5/1/24	\$ 2,654,938
	Multi-Utilities - 0.6%	
2,135,574	Ormat Funding Corp., 8.25%, 12/30/20	\$ 2,178,285
	Total Utilities	\$ 8,039,210
	TOTAL CORPORATE BONDS & NOTES	
	(Cost \$394,481,302)	\$ 390,001,745
	CONVERTIBLE BONDS & NOTES - 5.1% of Net Assets	
	CAPITAL GOODS - 1.2%	
	Construction & Farm Machinery & Heavy Trucks - 1.2%	
2,625,000(d)	Meritor, Inc., 7.875%, 3/1/26	\$ 4,147,500

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

	Total Capital Goods	\$ 4,147,500
	DIVERSIFIED FINANCIALS - 0.1%	
	Asset Management & Custody Banks - 0.1%	
400,000	Apollo Investment Corp., 5.75%, 1/15/16	\$ 407,000
	Total Diversified Financials	\$ 407,000
	ENERGY - 0.8%	
	Coal & Consumable Fuels - 0.2%	
1,905,000	Massey Energy Co., 3.25%, 8/1/15	\$ 676,275
	Oil & Gas Drilling - 0.2%	
2,265,000(d)(g)	Hercules Offshore, Inc., 0.0%, 6/1/38	\$ 747,450
	Oil & Gas Exploration & Production - 0.4%	
1,340,000(d)	Chesapeake Energy Corp., 2.5%, 5/15/37	\$ 1,269,650
	Total Energy	\$ 2,693,375
	HEALTH CARE EQUIPMENT & SERVICES - 1.5%	
	Health Care Equipment & Services - 1.4%	
2,837,000(d)(g)	Hologic, Inc., 2.0%, 12/15/37	\$ 4,748,429
	Health Care Services - 0.1%	
361,000	Omnicare, Inc., 3.25%, 12/15/35	\$ 444,255
	Total Health Care Equipment & Services	\$ 5,192,684
	MATERIALS - 1.1%	
	Diversified Chemicals - 1.1%	
4,000,000(j)	Hercules, Inc., 6.5%, 6/30/29	\$ 3,617,500
	Total Materials	\$ 3,617,500
	PHARMACEUTICALS, BIOTECHNOLOGY & LIFE SCIENCES - 0.4%	
	Biotechnology - 0.4%	
1,400,000	Corsicanto, Ltd., 3.5%, 1/15/32	\$ 1,505,000

	Total Pharmaceuticals, Biotechnology & Life Sciences	\$ 1,505,000
	SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT - 0.0% † Semiconductors - 0.0% †	
166,380(e)	LDK Solar Co., Ltd., 5.535% (5.535% PIK 0.000% cash), 12/31/18	\$ 33,276
42,000(c)	Suntech Power Holdings Co., Ltd., 3.0%, 3/15/13	30
	Total Semiconductors & Semiconductor Equipment	\$ 33,306
	TOTAL CONVERTIBLE BONDS & NOTES	
	(Cost \$14,894,443)	\$ 17,596,365

---

## Schedule of Investments | 6/30/15 (unaudited)

Principal Amount USD (\$)		Value
	U.S. GOVERNMENT AND AGENCY OBLIGATIONS - 0.7% of Net Assets	
2,330,100(b)	U.S. Treasury Notes, 0.085%, 7/31/16	\$ 2,330,643
	TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS	
	(Cost \$2,330,547)	\$ 2,330,643
	SOVEREIGN DEBT OBLIGATIONS - 0.7% of Net Assets	
	Ecuador - 0.2%	
870,000	Ecuador Government International Bond, 7.95%, 6/20/24 (144A)	\$ 776,475
	Russia - 0.5%	
1,450,000(g)	Russian Government International Bond, 7.5%, 3/31/30	\$ 1,698,657
	TOTAL SOVEREIGN DEBT OBLIGATIONS	
	(Cost \$1,919,237)	\$ 2,475,132
	TAX EXEMPT OBLIGATION - 1.0% of Net Assets (k)	
	New York - 1.0%	
3,475,000	New York City Industrial Development Agency, British Airways Plc Project, 7.625%, 12/1/32	\$ 3,501,097
	TOTAL TAX EXEMPT OBLIGATION	
	(Cost \$3,129,052)	\$ 3,501,097
	MUNICIPAL COLLATERALIZED DEBT OBLIGATION - 0.1% of Net Assets	
3,300,000(a)	Non-Profit Preferred Funding Trust I, Series E, 0.0%, 9/15/37 (144A)	\$ 205,062



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

TOTAL MUNICIPAL  
COLLATERALIZED DEBT  
OBLIGATION

(Cost \$3,293,711) \$ 205,062

Shares

Value

COMMON STOCKS - 2.1% of Net  
Assets

CAPITAL GOODS - 0.2%

Building Products - 0.2%

894(h)(1) Panolam Holdings Co. \$ 657,984

Industrial Machinery - 0.0% †

33,171(h)(1) Liberty Tire Recycling LLC \$ 332

Total Capital Goods \$ 658,316

ENERGY - 0.2%

Oil & Gas Exploration & Production -  
0.2%

727,149(1) Halcon Resources Corp. \$ 843,493

Total Energy \$ 843,493

INSURANCE - 0.0% †

Insurance Brokers - 0.0% †

GBP 1,625(h)(1) Towergate Finance Plc \$ 409

Total Insurance \$ 409

MATERIALS - 0.1%

Diversified Metals & Mining - 0.1%

AUD 3,402 Freeport-McMoRan, Inc. \$ 63,345

4,776,723(1) Mirabela Nickel, Ltd. 423,748

\$ 487,093

Total Materials \$ 487,093

PHARMACEUTICALS,  
BIOTECHNOLOGY & LIFE SCIENCES

- 0.3%

Pharmaceuticals - 0.3%

15,900 Teva Pharmaceutical Industries, Ltd.  
(A.D.R.) \$ 939,690

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

	Total Pharmaceuticals, Biotechnology & Life Sciences	\$ 939,690
	SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT - 0.0% †	
	Semiconductors - 0.0% †	
11,342(l)	LDK Solar Co., Ltd. (A.D.R.)	\$ 1,475
	Total Semiconductors & Semiconductor Equipment	\$ 1,475

Shares		Value
	TRANSPORTATION - 1.3%	
	Air Freight & Logistics - 0.7%	
3,266(l)	CEVA Holdings LLC	\$ 2,416,648
	Airlines - 0.6%	
45,044	Delta Air Lines, Inc.	\$ 1,850,407
	Total Transportation	\$ 4,267,055
	TOTAL COMMON STOCKS	
	(Cost \$6,642,558)	\$ 7,197,531
	CONVERTIBLE PREFERRED STOCKS	
	- 1.1% of Net Assets	
	DIVERSIFIED FINANCIALS - 0.6%	
	Other Diversified Financial Services - 0.6%	
1,880(f)	Bank of America Corp., 7.25%	\$ 2,090,560
	Total Diversified Financials	\$ 2,090,560
	ENERGY - 0.1%	
	Oil & Gas Exploration & Production - 0.1%	
1,100(f)	Halcon Resources Corp., 5.75%	\$ 236,775
	Total Energy	\$ 236,775
	TELECOMMUNICATION SERVICES - 0.4%	
	Integrated Telecommunication Services - 0.4%	
15,000(l)	Frontier Communications Corp., 11.125%, 6/29/18	\$ 1,498,500

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

		Total Telecommunication Services	\$1498,500
		<b>TOTAL CONVERTIBLE PREFERRED STOCKS</b>	
		(Cost \$3,664,242)	\$ 3,825,835
		<b>PREFERRED STOCKS - 2.8% of Net Assets</b>	
		<b>BANKS - 0.9%</b>	
		Diversified Banks - 0.9%	
	3,000(a)(f)	AgStar Financial Services ACA, 6.75% (144A)	\$ 3,117,000
		<b>Total Banks</b>	<b>\$ 3,117,000</b>
		<b>DIVERSIFIED FINANCIALS - 1.2%</b>	
		Consumer Finance - 0.2%	
	750(f)	Ally Financial, Inc., 7.0% (144A)	\$ 761,602
		Other Diversified Financial Services - 1.0%	
	132,750(a)	GMAC Capital Trust I, 8.125%, 2/15/40	\$ 3,448,845
		<b>Total Diversified Financials</b>	<b>\$ 4,210,447</b>
		<b>INSURANCE - 0.7%</b>	
		Insurance Brokers - 0.7%	
GBP	1,548,867(h)(l)	Towergate Finance Plc, Class B	\$ 2,387,792
		Reinsurance - 0.0%†	
	8,500(f)(i)	Lorenz Re, Ltd. (Aon Benfield Securities, Inc.), Variable Rate Notes	\$ 21,250
		<b>Total Insurance</b>	<b>\$ 2,409,042</b>
		<b>TOTAL PREFERRED STOCKS</b>	
		(Cost \$9,372,491)	\$ 9,736,489
		<b>WARRANTS - 0.0%†</b>	
		<b>INSURANCE - 0.0%†</b>	
		Insurance Brokers - 0.0%†	
GBP	466(h)(l)(m)	Towergate Finance Plc	\$ -
		<b>Total Insurance</b>	<b>\$ -</b>
		<b>TOTAL WARRANTS</b>	
		(Cost \$ -)	\$ -

Principal Amount USD (\$)		Value
	TEMPORARY CASH INVESTMENTS - 0.2% of Net Assets	
600,000	REPURCHASE AGREEMENT - 0.2% Bank of Nova Scotia, 0.14%, repurchase price of \$600,000 plus accrued interest on 7/1/15 collateralized by the following (at market value): \$610,000 Freddie Mac Giant, 3.0%-4.5%, 7/1/30 -3/1/44 and \$2,004 Federal National Mortgage Association, 4.5%, 10/1/44.	\$ 600,000
	TOTAL TEMPORARY CASH INVESTMENTS (Cost \$600,000)	\$ 600,000
	TOTAL INVESTMENTS IN SECURITIES - 137.5%	
	(Cost - \$474,988,774) (n)(o)	\$ 470,054,517
	OTHER ASSETS AND LIABILITIES - (37.5%)	\$ (128,214,220)
	NET ASSETS APPLICABLE TO COMMON SHAREOWNERS -100.0%	\$ 341,840,297

---

Schedule of Investments | 6/30/15 (unaudited)

REIT Real Estate Investment Trust.

(144A) 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 June 30, 2015, the value of these securities amounted to \$200,724,475, or 58.7% of total net assets applicable to common shareowners.

(Cat Catastrophe or Event linked bond. At June 30, 2015, the value of Bond) these securities amounted to \$7,028,775, or 2.1% 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 rate of a certificate of deposit or (iv) other base lending rates used by commercial lenders. The interest rate shown is the rate accruing at June 30, 2015.

(a) The interest rate is subject to change periodically. The interest rate shown is the rate at June 30, 2015.

(b) Floating rate note. The rate shown is the coupon rate at June 30, 2015.

(c) Security is in default and is non income producing.

(d) Denotes security pledged and segregated as collateral for the margin-loan financing agreement.

(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) Debt obligation initially issued at one coupon which converts to a higher coupon at a specific date. The rate shown is the rate at June 30, 2015.

(h) Security is valued using fair value methods (other than prices supplied by independent pricing services).

(i) Structured reinsurance investment. At June 30, 2015, the value of these securities amounted to \$19,327,434, or 5.7% of total net assets applicable to common shareowners.

(j) Security is priced as a unit.

(k) Consists of Revenue Bonds unless otherwise indicated.

(l) Non-income producing.

(m) Towergate B Preferred warrants are exercisable into 136 Tig FinCo A shares.

(n) At June 30, 2015, the net unrealized depreciation on investments based on cost for federal tax purposes of \$476,396,148 was as follows:

Aggregate gross unrealized appreciation for all investments in which there is an excess of value over tax cost	\$ 27,848,824
Aggregate gross unrealized depreciation for all investments in which there is an excess of tax cost over value	(34,190,455)
Net unrealized depreciation	\$ (6,341,631)

For financial reporting purposes net unrealized depreciation on investments was \$4,934,257 and cost of investments aggregated \$474,988,774.

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

United States	77.8%
Luxembourg	4.3
Bermuda	3.8
Canada	3.8
Netherlands	2.6
United Kingdom	1.0
Other (individually less than 1%)	6.7
	100.0%

Glossary of Terms:

(A.D.R.) American Depositary Receipt

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

AUD	-	Australian Dollar
EUR	-	Euro
GBP	-	Great British Pound

CREDIT DEFAULT SWAP AGREEMENTS - SELL PROTECTION

Notional Principal	Obligation	Credit Rating	Expiration Date	Premiums (Received)	Net Unrealized Appreciation
(\$)(1)	Counterparty Entity/Index Goodyear JPMorgan Tire & Chase & Co. Rubber Co.	Coupon 5.00% BB	12/20/17	\$ (65,000)	\$ 281,558

- (1) The notional amount is the maximum amount that a seller of credit protection would be obligated to pay upon occurrence of a credit event.
- (2) Based on Standard & Poor's rating of the issuer.



## Schedule of Investments | 6/30/15 (unaudited)

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 or broker-dealers) as Level 3.

The following is a summary of the inputs used as of June 30, 2015, in valuing the Trust's investments.

	Level 1	Level 2	Level 3	Total
Asset Backed Securities	\$ -	\$2,918,812	\$ -	\$2,918,812
Collateralized Mortgage Obligations		- 3,974,447		- 3,974,447
Senior Secured Floating Rate Loan Interests		- 25,691,359		- 25,691,359
Corporate Bonds & Notes				
Industrials				
Industrial Machinery		-	- 772,590	772,590
Insurance				
Property & Casualty Insurance		- 6,965,175	2,073,165	9,038,340
Reinsurance		- 7,028,775	19,306,184	26,334,959
All Other Corporate Bonds & Notes		- 353,855,856		- 353,855,856



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

Convertible Bonds & Notes	–	17,596,365	–	17,596,365
U.S. Government and Agency Obligations	–	2,330,643	–	2,330,643
Sovereign Debt Obligations	–	2,475,132	–	2,475,132
Tax Exempt Obligation	–	3,501,097	–	3,501,097
Municipal Collateralized Debt Obligation	–	205,062	–	205,062
Common Stocks				
Capital Goods				
Building Products	–	–	657,984	657,984
Industrial Machinery	–	–	332	332
Insurance				
Insurance Brokers	–	–	409	409
Transportation				
Air Freight & Logistics	–	2,416,648	–	2,416,648
All Other Common Stocks	4,122,158	–	–	4,122,158
Convertible Preferred Stocks				
Energy				
Oil & Gas Exploration & Production	–	236,775	–	236,775
All Other Convertible Preferred Stocks	3,589,060	–	–	3,589,060
Preferred Stocks				
Banks				
Diversified Banks	–	3,117,000	–	3,117,000
Diversified Financials				

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

Consumer Finance Insurance	–	761,602	–	761,602
Insurance Brokers Reinsurance	–	–	2,387,792	2,387,792
	–	–	21,250	21,250
All Other Preferred Stocks	3,448,845	–	–	3,448,845
Warrants Insurance				
Insurance Brokers	–	–	–*	–*
Repurchase Agreement	–	600,000	–	600,000
Total Investments in Securities	\$11,160,063	\$433,674,748	\$25,219,706	\$470,054,517
Other Financial Instruments				
Assets:				
Unrealized appreciation on swap contracts	\$ –	\$281,558	\$ –	\$281,558
Total Other Financial Instruments	\$ –	\$281,558	\$ –	\$281,558

\* Includes securities that are fair valued at \$0.

## Schedule of Investments | 6/30/15 (unaudited)

The following is a summary of the fair valuation of certain of the Trust's assets and liabilities as of June 30, 2015:

	Level 1	Level 2	Level 3	Total
Assets:				
Foreign currencies, at value	\$ –	\$2,135,276	\$ –	\$2,135,276
Liabilities:				
Swap collateral	–	(200,000)	–	(200,000)
Outstanding borrowing	–	(151,000,000)	–	(151,000,000)
Total	\$ –	\$(149,064,724)	\$ –	\$(149,064,724)

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

	Balance as of 3/31/15	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Purchases	Sales	Accrued discounts/in premiums	Transfers in to Level 3*	Transfers out of Level 3*	Balance as of 6/30/15
Corporate Bonds & Notes									
Diversified Financials									
Other Diversified Financial Services	\$2,204,347	\$ –	\$ –	\$ –	\$(2,204,347)	\$ –	\$ –	\$ –	\$ –
Industrials									
Industrial Machinery	772,590	–	(3,375)	–	–	3,375	–	–	772,590
Insurance									
Property & Casualty Insurance	–	–	–(131,182)	2,204,347	–	–	–	–	– 2,073,165
Reinsurance	14,993,846	(2,541)	(988,290)	6,112,031	(845,996)	37,134	–	–	–19,306,184
Convertible Bonds & Notes									
Semiconductors & Semiconductor Equipment									
Semiconductors	–	–	28,675	4,481	–	120	–(33,276)	–	–
Common Stocks									
Capital Goods									
Building Products	657,984	–	–	–	–	–	–	–	– 657,984
Industrial Machinery	332	–	–	–	–	–	–	–	– 332
Insurance									

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

Insurance									
Brokers	–	–	23	386	–	–	–	–	409
Preferred									
Stocks									
Insurance									
Brokers	–	–	87,725	2,300,067	–	–	–	–	2,387,792
Reinsurance	2,185,205	(1,048,050)	–	(1,115,905)	–	–	–	–	21,250
Warrants									
Insurance									
Brokers	–	–	–	–**	–	–	–	–	–**
Total	\$20,814,308	\$(2,541)	\$(2,054,474)	\$10,621,315	\$(4,166,248)	\$40,629	\$–	\$(33,276)	\$25,219,706

\*Transfers are calculated on the beginning of period value. For the three months ended June 30, 2015 there were no transfers between Levels 1, 2, and 3.

\*\*Includes securities that are fair valued at \$0.

Net change in unrealized depreciation of Level 3 investments still held and considered Level 3 at 06/30/15: \$(108,926).

The following table presents additional information about valuation techniques and inputs used for investments categorized as Level 3 at June 30, 2015. These amounts exclude valuations provided by a broker.

Asset Type	Fair Value 6/30/15	Valuation Technique (s)	Unobservable Input	Value/ Range
Corporate Bonds & Notes	\$2,845,755	Market Comparables	EBITDA Multiples(1) Yield Premium(2)	5.5x to 6.5x 1.05%
Common Stocks	\$ 658,725	Market Comparables	EBITDA Multiples(1)	5.5x to 6.5x 1.05%
Preferred Stocks	\$2,387,792	Market Comparables	EBITDA Multiples(1)	5.0x to 5.5x
Warrants	\$ –	Enterprise Value	Residual Value	\$0

(1) An increase in this unobservable input would result in a higher fair value measurement, while a decrease would result in a lower fair value measurement.

(2) An increase in this unobservable input would result in a lower fair value measurement, while a decrease would result in a higher fair value measurement.

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/ Lisa M.Jones ----- Lisa M.Jones, President and Chief Executive Officer Date August 27, 2015 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/ Lisa M.Jones ----- Lisa M.Jones, President and Chief Executive Officer Date August 27, 2015 By (Signature and Title)\* /s/ Mark E. Bradley ----- Mark E. Bradley, Treasurer and Chief Accounting and Financial Officer Date August 27, 2015 \* Print the name and title of each signing officer under his or her signature.