

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

PIONEER HIGH INCOME TRUST

Form N-Q

August 28, 2009

OMB APPROVAL

OMB Number: 3235-0578

Expires: April 30, 2010

Estimated average burden
hours per response.....

10.5

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

FORM N-Q

CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES

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)

Dorothy E. Bourassa, 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, 2009

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 270.30b-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

ITEM 1. Schedule of Investments.

Principal Amount USD (\$)	Pioneer High Income Trust SCHEDULE OF INVESTMENTS 6/30/09 (unaudited)		Value (\$)
	ASSET BACKED SECURITIES - 2.9% of Net Assets		
	Transportation - 0.1%		
	Airlines - 0.1%		
256,736		Continental Airlines, Inc., Series B, 8.499%,	215,658
		Total Transportation	215,658
	Banks - 0.5%		
	Thrifths & Mortgage Finance - 0.5%		
700,000	(a)	ACE Securities Corp., 0.764%, 4/25/35	593,157
531,443	(a)	ACE Securities Corp., 0.914%, 12/25/34	274,377
280,000	(a)	Bear Stearns Asset Backed Securities Trust, 0.	37,034
557,458	(a)	Countrywide Asset-Backed Certificates, 0.494%,	372,965
246,000	(a)	FBR Securitization Trust, 0.664%, 10/25/35	130,480
		Total Banks	1,408,013
	Diversified Financials - 0.3%		
	Other Diversified Financial Services - 0.2%		
1,435,000	(a)	Aircraft Finance Trust, 0.799%, 5/15/24 (144A)	430,500
352,908	(a)	Aircraft Finance Trust, 0.819%, 5/15/24 (144A)	218,803
		Total Diversified Financials	649,303
	Utilities - 2.0%		
	Electric Utilities - 0.8%		
2,300,000	(a)	Power Contract Financing III LLC, 0.995%, 2/5/2,	156,250
	Multi-Utilities - 1.2%		
3,990,232		Ormat Funding Corp., 8.25%, 12/30/20	3,172,235
		Total Utilities	5,328,485
	TOTAL ASSET BACKED SECURITIES		
		(Cost \$8,935,626)	7,601,459
	COLLATERALIZED MORTGAGE BACKED SECURITIES - 1.6%		
	Consumer Services - 0.4%		
	Restaurants - 0.4%		
1,245,000		DB Master Finance LLC, 8.285%, 6/20/31 (144A)	1,037,471
		Total Consumer Services	1,037,471
	Banks - 1.1%		
	Thrifths & Mortgage Finance - 1.1%		
720,000	(a)	Carrington Mortgage Loan Trust, 0.414%, 10/25/	449,713
1,504,000	(a)	Carrington Mortgage Loan Trust, 0.513%, 2/25/3	828,347
417,156	(a)	Countrywide Alternative Loan Trust, 0.644%, 10	179,351
498,847	(a)	Countrywide Alternative Loan Trust, 0.664%, 9/	226,936
710,369	(a)	Countrywide Alternative Loan Trust, 0.674%, 1/	193,817
308,389	(a)	Countrywide Home Loan Mortgage Pass Through Tr	74,418
169,648	(a)	First Franklin Mortgage Loan Asset Backed Cert	108,725
1,650,500	(a)	Luminent Mortgage Trust, 0.574%, 7/25/36	230,389
420,470	(a)	Structured Asset Mortgage Investments, Inc., 0	190,250
980,062	(a)	WaMu Mortgage Pass Through Certificates, 0.544	501,990
234,762	(a)	WaMu Mortgage Pass Through Certificates, 0.794	59,323
		Total Banks	3,043,259

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

		Diversified Financials - 0.1%	
		Other Diversified Financial Services - 0.1%	
215,000	(a)	Chase Commercial Mortgage Securities Corp., 8.	206,822
		Total Diversified Financials	206,822
		TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS	
		(Cost \$6,550,298)	4,287,552
		CORPORATE BONDS & NOTES - 123.5% of Net Assets	
		Energy - 10.5%	
		Oil & Gas Drilling - 0.9%	
3,453,669		DDI Holding AS, 9.3%, 1/19/12 (144A)	2,417,568
		Oil & Gas Equipment & Services - 1.6%	
1,530,000	(m)	Compagnie Generale de Geophysique-Veritas, 9.51,	526,175
600,000	(a)(b)	DP Producer AS, 0.0%, 12/5/11 (144A)	6,000
1,100,000		Nexus 1 Pte, Ltd., 10.5%, 3/7/12 (144A)	220,000
NOK		Petrojack AS, 11.0%, 4/19/10	178,667
400,000	(a)(b)	PetroProd, Ltd., 0.0%, 1/12/12 (144A)	60,000
2,000,000		Sevan Marine ASA, 9.25%, 12/20/11 (144A)	1,600,000
3,500,000		Skeie Drilling & Production ASA, 11.25%, 3/8/1	770,000
			4,360,842
		Oil & Gas Exploration & Production - 6.8%	
775,000		Berry Petroleum Co., 10.25%, 6/1/14	782,750
390,000		Denbury Resources, Inc., 9.75%, 3/1/16	400,725
1,750,000		Hilcorp Energy I LP, 9.0%, 6/1/16 (144A)	1,522,500
1,045,000		Linn Energy LLC, 11.75%, 5/15/17 (144A)	1,016,262
2,020,000		Mariner Energy, Inc., 11.75%, 6/30/16	2,009,900
2,500,000		Norse Energy Corp. ASA, 6.5%, 7/14/11 (144A)	1,125,000
NOK		Norse Energy Corp. ASA, 10.0%, 7/13/10	279,653
NOK		Norwegian Energy Co. AS, 11.0%, 4/13/12 (144A)	1,175,319
870,000		Parallel Petroleum Corp., 10.25%, 8/1/14	626,400
945,000		PetroHawk Energy Corp., 9.125%, 7/15/13	940,275
5,300,000		PetroQuest Energy, Inc., 10.375%, 5/15/12	4,584,500
3,260,000		Quicksilver Resources, Inc., 7.125%, 4/1/16	2,542,800
1,250,000	(c)	SandRidge Energy, Inc., 8.625%, 4/1/15	1,121,875
			18,127,959
		Oil & Gas Refining & Marketing - 0.8%	
2,215,000		Tesoro Corp., 9.75%, 6/1/19	2,187,313
		Oil & Gas Storage & Transportation - 0.4%	
350,000	(a)	Enterprise Products Operating LLC, 8.375%, 8/1	281,750
945,000	(a)	Southern Union Co., 7.2%, 11/1/66	642,600
			924,350
		Total Energy	28,018,032
		Materials - 18.2%	
		Commodity Chemicals - 3.1%	
2,240,000	(b)	ARCO Chemical Co., 9.8%, 2/1/20	705,600
3,750,000	(b)	Basell Finance Co., 8.1%, 3/15/27 (144A)	1,612,500
1,680,000	(b)	Georgia Gulf Corp., 9.5%, 10/15/14 (144A)	504,000
2,560,000	(b)(m)	Georgia Gulf Corp., 10.75%, 10/15/16	256,000
1,000,000		Invista, 9.25%, 5/1/12 (144A)	942,500
4,500,000		Methanex Corp., 8.75%, 8/15/12	4,297,500
EURO	(b)	Nell AF S.a.r.l., 8.375%, 8/15/15 (144A)	32,191
			8,350,291
		Diversified Chemicals - 0.4%	
680,000		Ashland, Inc., 9.125%, 6/1/17 (144A)	707,200
EURO		Ineos Group Holdings Plc, 7.875%, 2/15/16 (144)	152,187
925,000		Ineos Group Holdings Plc, 8.5%, 2/15/16 (144A)	286,750
			1,146,137

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

		Specialty Chemicals - 0.5%	
3,000,000	(m)	Hexion U.S. Finance Corp., 9.75%, 11/15/14	1,350,000
		Materials - 1.7 %	
5,690,000		AGY Holding Corp., 11.0%, 11/15/14	4,480,875
		Construction Materials - 0.5%	
2,185,000		U.S. Concrete, Inc., 8.375%, 4/1/14	1,431,175
		Metal & Glass Containers - 0.9%	
2,500,000		AEP Industries, Inc., 7.875%, 3/15/13	2,259,375
		Paper Packaging - 3.5%	
2,795,000		Graham Packaging Co., 9.875%, 10/15/14	2,599,350
5,540,000	(m)	Graphic Packaging International, Inc., 9.5%,	85,290,700
2,250,000		U.S. Corrugated, Inc., 10.0%, 6/1/13	1,462,500
			9,352,550
		Aluminum - 0.2%	
1,200,000	(b)	Asia Aluminum Holdings, Ltd., 8.0%, 12/23/11	(169,500
730,891	(a) (c)	Noranda Aluminum Acquisition Corp., 5.413%, 5/	393,910
			563,410
		Diversified Metals & Mining - 2.9%	
1,200,000		Blaze Recycling & Metals LLC, 10.875%, 7/15/12	696,000
2,890,000		FMG Finance Pty., Ltd., 10.625%, 9/1/16 (144A)	2,774,400
4,070,000	(m)	Teck Resources, Ltd., 10.25%, 5/15/16 (144A)	4,263,325
			7,733,725
		Steel - 2.0%	
4,435,000		Algoma Acquisition Corp., 9.875%, 6/15/15 (1442)	483,600
2,400,000		CSN Islands VIII Corp., 9.75%, 12/16/13 (144A)	2,682,000
			5,165,600
		Forest Products - 0.4%	
1,645,000	(b)	Mandra Forestry Holdings, Ltd., 12.0%, 5/15/13	1,151,500
		Paper Products - 2.1%	
645,000		Cellu Tissue Holdings, Inc., 11.5%, 6/1/14 (14	633,712
405,000		Clearwater Paper Corp., 10.625%, 6/15/16 (144A)	413,100
5,450,000		Exopack Holding Corp., 11.25%, 2/1/14	4,469,000
			5,515,812
		Total Materials	48,500,450
		Capital Goods - 10.5%	
		Aerospace & Defense - 1.7%	
3,600,000		Aeroflex, Inc., 11.75%, 2/15/15	2,556,000
1,465,000	(m)	BE Aerospace, Inc., 8.5%, 7/1/18	1,380,762
620,000	(m)	Bombardier, Inc., 8.0%, 11/15/14 (144A)	583,575
			4,520,337
		Building Products - 1.0%	
1,935,000		Industrias Unidas SA de CV, 11.5%, 11/15/16	1 870,750
4,735,000		Intcomex, Inc., 11.75%, 1/15/11	1,894,000
1,500,000	(b) (m)	Panolam Industries International, 10.75%, 10/1	75,000
			2,839,750
		Heavy Electrical Equipment - 1.8%	
5,105,000		Altra Industrial Motion, 9.0%, 12/1/11	4,913,563
		Industrial Conglomerates - 0.6%	
3,180,000	(b)	Indalex Holding Corp., 11.5%, 2/1/14	226,575
2,639,000		Park-Ohio Industries, Inc., 8.375%, 11/15/14	1,293,110
			1,519,685
		Construction & Farm Machinery & Heavy Trucks - 2.5%	
570,000		American Railcar Industries, Inc., 7.5%, 3/1/1	497,325
3,250,000		Commercial Vehicle Group, Inc., 8.0%, 7/1/13	1,852,500
3,975,000		Hawk Corp., 8.75%, 11/1/14	3,940,219

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

275,000		Titan International, Inc., 8.0%, 1/15/12	248,875
			6,538,919
		Industrial Machinery - 2.0%	
2,440,000	(m)	Industrias Metalurgicas Pescarmona SA, 11.25%	1,488,400
5,170,000		Mueller Water Products, Inc., 7.375%, 6/1/17	3,812,875
			5,301,275
		Trading Companies & Distributors - 0.9%	
3,370,000		Wesco Distribution, Inc., 7.5%, 10/15/17	2,493,800
		Total Capital Goods	28,127,329
		Commercial & Professional Services - 8.5%	
		Commercial Printing - 1.1%	
4,835,000		Sheridan Acquisition Corp., 10.25%, 8/15/11	2,901,000
		Environmental & Facilities Services - 2.4%	
2,180,000	(b) (m)	Aleris International, Inc., 10.0%, 12/15/16	46,325
720,000		Clean Harbors, Inc., 11.25%, 7/15/12	719,100
1,275,000	(a)	Ohio Air Quality Development Authority Revenue	127,500
5,800,000	(m)	Waste Services, Inc., 9.5%, 4/15/14	5,466,500
			6,359,425
		Office Services & Supplies - 3.4%	
11,830,000		Xerox Capital Trust I, 8.0%, 2/1/27	8,990,800
		Diversified Support Services - 1.6 %	
570,000		DigitalGlobe, Inc., 10.5%, 5/1/14 (144A)	589,950
820,000		KAR Holdings, Inc., 10.0%, 5/1/15	672,400
4,450	(d)	MSX International UK, 12.5%, 4/1/12 (144A)	1,557,500
1,870,000		Vangent, Inc., 9.625%, 2/15/15	1,552,100
			4,371,950
		Total Commercial & Professional Services	22,623,175
		Transportation - 1.2%	
		Air Freight & Logistics - 0.8%	
2,000,000		CEVA Group Plc, 10.0%, 9/1/14 (144A)	1,360,000
EURO 1,545,000		CEVA Group Plc, 10.0%, 12/1/16 (144A)	715,137
			2,075,137
		Railroads - 0.4%	
1,250,000		Kansas City Southern de Mexico, 9.375%, 5/1/12	1,187,500
		Total Transportation	3,262,637
		Automobiles & Components - 4.8%	
		Auto Parts & Equipment - 4.3%	
1,250,000	(m)	Allison Transmission, Inc., 11.0%, 11/1/15	14 987,500
2,605,000	(c)	Allison Transmission, Inc., 11.25%, 11/1/15	11,875,600
4,535,000	(b)	Lear Corp., 8.75%, 12/1/16	1,190,438
1,500,000	(e)	Stanadyne Corp., 0.0%, 2/15/15	675,000
4,760,000		Stanadyne Corp., 10.0%, 8/15/14	3,712,800
4,235,000		Tenneco Automotive, Inc., 8.625%, 11/15/14	3,049,200
			11,490,538
		Tires & Rubber - 0.5%	
1,165,000		Goodyear Tire & Rubber Co., 10.5%, 5/15/16	1,176,650
		Total Automobiles & Components	12,667,188
		Consumer Durables & Apparel - 3.0%	
		Homebuilding - 0.9%	
3,060,000		Meritage Homes Corp., 6.25%, 3/15/15	2,402,100
		Housewares & Specialities - 2.1%	
1,435,000	(m)	Jarden Corp., 7.5%, 5/1/17	1,255,625
3,690,000	(m)	Yankee Acquisition Corp., 8.5%, 2/15/15	3,108,825
1,500,000	(m)	Yankee Acquisition Corp., 9.75%, 2/15/17	1,170,000
			5,534,450

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

		Total Consumer Durables & Apparel	7,936,550
		Consumer Services - 4.2%	
		Casinos & Gaming - 2.8%	
1,650,000	(b)	Buffalo Thunder Development Authority, 9.375%,	231,000
975,000		FireKeepers Development Authority, 13.875%, 5/	899,437
630,000		Galaxy Entertainment Finance Co., Ltd., 9.875%	529,200
4,500,000		Little Traverse Bay Bands of Odawa Indians, 101,	890,000
1,375,000		Mashantucket Western Pequot Tribe, 8.5%, 11/15	687,500
1,585,000		Pokagon Gaming Authority, 10.375%, 6/15/14	1,553,300
275,000	(m)	Scientific Games International, Inc., 9.25%,	6 275,000
2,015,000		Shingle Springs Tribal Gaming Authority, 9.375	1,209,000
2,450,000	(b)	Trump Entertainment Resorts, Inc., 8.5%, 6/1/1	303,188
			7,577,625
		Leisure Facilities - 0.0%	
2,000,000	(a) (b)	HRP Myrtle Beach Operations LLC, 0.0%, 4/1/12	20,000
		Specialized Consumer Services - 1.4%	
2,923,964	(a) (c)	American Achievement Group Holding Corp., 16.7	533,975
3,195,000	(e)	Visant Holding Corp., 10.25%, 12/1/13	3,171,037
			3,705,012
		Total Consumer Services	11,302,637
		Media - 4.2%	
		Broadcasting & Cable - 3.7%	
3,200,000	(b) (m)	CCH I Holdings LLC, 11.0%, 10/1/15 (144A)	384,000
1,500,000	(b)	CCH II Holdings LLC, 10.25%, 9/15/10	1,575,000
EURO 3,750,000		Kabel Deutschland GMBH, 10.75%, 7/1/14	5,365,108
4,615,000	(c) (m)	Univision Communications, 9.75%, 3/15/15 (144A2,	630,550
			9,954,658
		Publishing - 0.5%	
1,400,000		TL Acquisitions, Inc., 10.5%, 1/15/15 (144A)	1,134,000
		Total Media	11,088,658
		Retailing - 3.9%	
		Internet Retailing - 1.3%	
3,740,000		Ticketmaster, 10.75%, 7/28/16 (144A)	3,328,600
		Specialty Stores - 1.7%	
4,615,000	(m)	Sally Holdings LLC, 10.5%, 11/15/16	4,568,850
		Automotive Retailing - 0.9%	
3,475,000		Sonic Automotive, Inc., 8.625%, 8/15/13	2,432,500
		Total Retailing	10,329,950
		Food, Beverage & Tobacco - 4.7%	
		Brewers - 2.6%	
5,885,000		Cia Brasileira de Bebida, 10.5%, 12/15/11	6,767,750
		Packaged Foods & Meats - 0.9%	
775,000		Bertin, Ltd., 10.25%, 10/5/16 (144A)	639,375
500,000		Marfrig Overseas, Ltd., 9.625%, 11/16/16 (144A	410,000
2,410,000	(m)	Minerva Overseas, Ltd., 9.5%, 2/1/17 (144A)	1,355,625
			2,405,000
		Tobacco - 1.2%	
3,450,000		Alliance One International, Inc., 10.0%, 7/15/3,	2,268,875
		Total Food, Beverage & Tobacco	12,441,625
		Household & Personal Products - 0.6%	
		Household Products - 0.6%	
1,740,000		Central Garden & Pet Co., 9.125%, 2/1/13	1,663,875
		Total Household & Personal Products	1,663,875

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

		Health Care Equipment & Services - 8.9%	
		Health Care Equipment & Services - 0.9%	
2,875,000		Accellent, Inc., 10.5%, 12/1/13	2,436,562
		Health Care Supplies - 2.1%	
1,000,000		Bausch & Lomb, Inc., 9.875%, 11/1/15	955,000
4,085,000	(c)	Biomet, Inc., 10.375%, 10/15/17	3,952,237
615,000		Inverness Medical Innovations, Inc., 9.0%, 5/1	595,013
			5,502,250
		Health Care Services - 1.7%	
1,105,000		AMR HoldCo, 10.0%, 2/15/15	1,121,575
4,055,000		Rural/Metro Corp., 9.875%, 3/15/15	3,573,469
			4,695,044
		Health Care Facilities - 2.6%	
535,000		HCA, Inc., 6.25%, 2/15/13	468,125
450,000		HCA, Inc., 8.5%, 4/15/19 (144A)	441,000
3,308,147	(c)	HCA, Inc., 9.625%, 11/15/16	3,250,940
110,000		HCA, Inc., 9.875%, 2/15/17 (144A)	111,100
3,725,000		Surgical Care Affiliates, Inc., 10.0%, 7/15/17	2,588,875
			6,860,040
		Managed Health Care - 1.6%	
4,400,000		Multiplan, Inc., 10.375%, 4/15/16 (144A)	4,235,000
		Total Health Care Equipment & Services	23,728,896
		Pharmaceuticals & Biotechnology & Life Sciences - 3.2%	
		Pharmaceuticals - 3.2%	
2,070,000	(m)	Angiotech Pharmaceuticals, Inc., 7.75%, 4/1/14	1,242,000
2,075,000		Phibro Animal Health Corp., 10.0%, 8/1/13 (144)	1,826,000
3,070,000		Phibro Animal Health Corp., 13.0%, 8/1/14 (144)	2,640,200
2,917,000		Warner Chilcott Corp., 8.75%, 2/1/15	2,902,415
			8,610,615
		Total Pharmaceuticals & Biotechnology & Life	8,610,615
		Banks - 1.3%	
		Diversified Banks - 0.1%	
400,000	(a)	Banco Macro SA, 10.75%, 6/7/12	200,000
		Regional Banks - 1.2%	
1,225,000	(a)(f)	PNC Financial Services Group, Inc., 8.25%	1,027,861
1,790,000	(a)	State Street Capital Trust III, 8.25%, 3/15/42	1,512,085
750,000	(a)(f)	Wells Fargo Capital XV, 9.75%	725,625
			3,265,571
		Total Banks	3,465,571
		Diversified Financials - 2.5%	
		Specialized Finance - 0.6%	
3,770,000		ACE Cash Express, Inc., 10.25%, 10/1/14 (144A)	1,696,500
		Consumer Finance - 1.1%	
3,000,000	(m)	Ford Motor Credit Co., LLC, 7.875%, 6/15/10	2,849,595
		Asset Management & Custody Banks - 0.5%	
575,000	(a)	Janus Capital Group, Inc., 6.5%, 6/15/12	531,134
975,000	(a)	Janus Capital Group, Inc., 6.95%, 6/15/17	851,448
			1,382,582
		Investment Banking & Brokerage - 0.3%	
1,325,000	(a)(f)	Goldman Sachs Capital II, 5.793%	807,521
		Total Diversified Financials	6,736,198
		Insurance - 8.9%	
		Insurance Brokers - 2.7%	
3,305,000		Alliant Holdings I, Inc., 11.0%, 5/1/15 (144A)	2,780,331
100,000		HUB International Holdings, Inc., 9.0%, 12/15/	81,625

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

	4,055,000		HUB International Holdings, Inc., 10.25%, 6/15/2	985,494
	1,035,000	(a)	U.S.I. Holdings Corp., 4.758%, 11/15/14 (144A)	672,750
	910,000		U.S.I. Holdings Corp., 9.75%, 5/15/15 (144A)	609,700
				7,129,900
			Multi-Line Insurance - 1.2%	
	3,075,000	(a)	Liberty Mutual Group, Inc., 10.75%, 6/15/58	(12,214,000
	1,100,000		MetLife, Inc., 10.75%, 8/1/39	1,099,791
				3,313,791
			Property & Casualty Insurance - 1.7%	
	5,300,000		Allmerica Financial Corp., 7.625%, 10/15/25	4,452,000
			Reinsurance - 3.3%	
EURO	275,000	(a)	Atlas Reinsurance Plc, 11.77%, 1/10/11 (144A)	364,512
	375,000	(a)	Blue Fin, Ltd., 5.557% 4/10/12 (144A)	322,125
	250,000	(a)	Ibis Re, Ltd., 10.879%, 5/10/12 (144A)	250,125
	2,300,000	(a) (m)	MBIA Insurance Co., 14.0% 1/15/33 (144A)	874,000
	250,000	(a)	Mystic Re II, Ltd., 10.668%, 6/7/11 (144A)	230,100
	9,000,000		NCO Group, Inc., 11.875%, 11/15/14	4,725,000
	250,000	(a)	Residential Reinsurance 2007, Ltd., 10.918%, 6	237,575
	850,000	(a)	Residential Reinsurance 2008, Ltd., 12.168%, 6	768,910
	650,000	(a)	Residential Reinsurance 2008, Ltd., 7.418%, 6/	595,920
	500,000	(a)	Successor II, Ltd., 25.629%, 4/6/10 (144A)	453,150
				8,821,417
			Total Insurance	23,717,108
			Real Estate - 1.2%	
			Real Estate Operating Companies - 1.2%	
	198,588	(a)	Alto Palermo SA, 11.0%, 6/11/12 (144A)	95,322
	5,000,000		Forest City Enterprises, Inc., 7.625%, 6/1/15	3,150,000
			Total Real Estate	3,245,322
			Software & Services - 4.1%	
			Internet Software & Services - 1.0%	
	2,620,000		Terremark Worldwide, Inc., 12.0%, 6/15/17	(1442,515,200
			IT Consulting & Other Services - 0.8%	
	2,845,000		Activant Solutions, Inc., 9.5%, 5/1/16	2,197,763
			Data Processing & Outsourced Services - 1.6%	
	5,965,000	(m)	First Data Corp., 9.875%, 9/24/15	4,235,150
			Systems Software - 0.7%	
	5,745,000		Pegasus Solutions, Inc., 10.5%, 4/15/15 (144A)	1,960,481
			Total Software & Services	10,908,594
			Technology Hardware & Equipment - 0.2%	
			Computer Storage & Peripherals - 0.2%	
	600,000		Seagate Technology International, 10.0%, 5/1/1	618,750
			Total Technology Hardware & Equipment	618,750
			Telecommunication Services - 15.2%	
			Integrated Telecommunication Services - 5.2%	
	4,295,000		Broadview Networks Holdings, Inc., 11.375%, 9/3,	393,050
	4,070,000		GC Impsat Holdings I Plc, 9.875%, 2/15/17	(1443,500,200
	3,000,000		GCI, Inc., 7.25%, 2/15/14	2,737,500
	1,000,000		PAETEC Holding Corp., 8.875%, 6/30/17 (144A)	940,000
	3,865,000	(m)	PAETEC Holding Corp., 9.5%, 7/15/15	3,352,887
				13,923,637
			Wireless Telecommunication Services - 10.0%	
	905,000		Cell C Property, Ltd., 11.0%, 7/1/15 (144A)	814,500
	6,400,000		Cricket Communications, Inc., 9.375%, 11/1/14	6,304,000
	1,500,000		Digicel, Ltd., 9.25%, 9/1/12 (144A)	1,455,000

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

4,320,000		Hughes Network Systems LLC, 9.5%, 4/15/14	4,212,000
970,000		Hughes Network Systems LLC, 9.5%, 4/15/14 (144)	945,750
1,400,000	(e)	Inmarsat Finance II Plc, 10.375%, 11/15/12	1,449,000
2,000,000	(c)	Intelsat Bermuda, Ltd., 11.5%, 2/4/17 (144A)	1,463,591
2,500,000		Intelsat Corp., 9.25%, 6/15/16 (144A)	2,393,750
2,500,000		Intelsat Jackson Holdings, Ltd., 11.5%, 6/15/12, 450,000	
1,000,000		Intelsat Subsidiary Holding Co., Ltd., 8.5%, 1	960,000
540,000	(m)	MetroPCS Wireless, Inc., 9.25%, 11/1/14 (144A)	534,600
535,000		Telesat Canada, 11.0%, 11/1/15 (144A)	548,375
800,000		Telesat Canada, 12.5%, 11/1/17 (144A)	788,000
3,020,000		True Move Co., Ltd., 10.75%, 12/16/13 (144A)	2,310,300
			26,628,866
		Total Telecommunication Services	40,552,503
		Utilities - 3.7%	
		Electric Utilities - 1.0%	
4,345,000	(m)	Texas Computer Electric Hold LLC, 10.25%, 11/1	2,704,763
		Multi - Utilities - 0.5%	
1,325,000		PNM Resources, Inc., 9.25%, 5/15/15	1,227,281
		Independent Power Producers & Energy Traders - 2.2%	
1,750,000	(m)	Aes Chivor SA ESP, 9.75%, 12/30/14 (144A)	1,890,000
2,800,000		Intergeren NV, 9.0%, 6/30/17 (144A)	2,653,000
3,200,000	(g)	Umoe BioEnergy ASA, 10.0%, 6/7/12	1,280,000
			5,823,000
		Total Utilities	9,755,044
		TOTAL CORPORATE BONDS & NOTES	
		(Cost \$411,774,602)	329,300,707
		CONVERTIBLE BONDS & NOTES - 7.3% of Net Assets	
		Energy - 2.4%	
		Oil & Gas Drilling - 1.5%	
2,265,000	(e)	Hercules Offshore, Inc., 3.375%, 6/1/38 (144A)	1,395,806
1,600,000		Transocean, Ltd., 1.5%, 12/15/37	1,466,000
1,175,000		Transocean, Ltd., 1.625%, 12/15/37	1,110,375
			3,972,181
		Oil & Gas Exploration & Production - 0.4%	
225,000		Carrizo Oil & Gas, Inc., 4.375%, 6/1/28	163,688
1,340,000		Chesapeake Energy Corp., 2.5%, 5/15/37	948,050
			1,111,738
		Coal & Consumable Fuels - 0.5%	
1,905,000		Massey Energy Co., 3.25%, 8/1/15	1,257,300
		Total Energy	6,341,219
		Transportation - 0.9%	
		Marine - 0.9%	
3,330,000		Horizon Lines, Inc., 4.25%, 8/15/12	2,335,162
		Total Transportation	2,335,162
		Media - 0.3%	
		Movies & Entertainment - 0.3%	
1,432,000		Live Nation, Inc., 2.875%, 7/15/27	733,900
		Total Media	733,900
		Health Care Equipment & Services - 1.8%	
		Health Care Equipment & Services - 0.7%	
2,565,000	(e)	Hologic, Inc., 2.0%, 12/15/37	1,821,150
		Health Care Services - 0.3%	
1,210,000		Omnicare, Inc., 3.25%, 12/15/35	837,925

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

		Health Care Facilities - 0.8%	
1,985,000		LifePoint Hospitals, Inc., 3.25%, 8/15/25	1,588,000
780,000		LifePoint Hospitals, Inc., 3.5%, 5/15/14	625,950
			2,213,950
		Total Health Care Equipment & Services	4,873,025
		Technology Hardware & Equipment - 0.8%	
		Communications Equipment - 0.3%	
2,580,000	(b) (m)	Nortel Networks Corp., 2.125%, 4/15/14	851,400
		Electronic Equipment & Instruments - 0.5%	
1,514,000		L-1 Identity Solutions, Inc., 3.75%, 5/15/27	1,196,060
		Total Technology Hardware & Equipment	2,047,460
		Telecommunication Services - 1.1%	
		Alternative Carriers - 0.9%	
3,025,000		Time Warner Telecom, Inc., 2.375%, 4/1/26	2,529,656
		Wireless Telecommunication Services - 0.2%	
455,000		SBA Communications Corp., 4.0%, 10/1/14 (144A)	457,275
		Total Telecommunication Services	2,986,931
		TOTAL CONVERTIBLE BONDS & NOTES	19,317,697
		(Cost \$18,463,193)	
		MUNICIPAL BONDS - 6.7% of Net Assets	
		Indiana - 2.1%	
1,650,000		East Chicago Industrial Pollution Control Revel,	1,535,391
4,250,000		Indiana Development Finance Authority Revenue,	4,075,920
			5,611,311
		New Jersey - 1.4%	
4,525,000		New Jersey Economic Development Authority Reve	3,620,271
		New York - 1.1%	
3,475,000		New York City Industrial Development Agency Re	2,839,214
		North Carolina - 2.1%	
6,300,000		Charlotte Special Facilities Refunding Revenue	4,140,549
2,000,000		Charlotte Special Facilities Refunding Revenue	1,600,240
			5,740,789
		TOTAL MUNICIPAL BONDS	
		(Cost \$16,442,444)	17,811,585
		MUNICIPAL COLLATERALIZED DEBT OBLIGATION - 0.9%	
3,300,000	(a) (g)	Non-Profit Preferred Funding Trust I, 12.0%,	92,272,809
		TOTAL MUNICIPAL COLLATERALIZED DEBT OBLIGATION	
		(Cost \$3,293,400)	2,272,809
		SOVEREIGN DEBT OBLIGATIONS - 2.1% of Net Assets	
		Brazil - 1.3%	
ITL	4,600,000, (e)	Banco Nacional de Desenvolvimento Bndes,	3,432,246
		Russia - 0.8%	
2,227,200	(e)	Russia Government International Bond, 7.5%,	3/2,192,679
		TOTAL SOVEREIGN DEBT OBLIGATIONS	
		(Cost \$4,257,455)	5,624,925
		FLOATING RATE LOAN INTERESTS - 3.4% (h)	
		Energy - 0.1%	
		Oil & Gas Exploration & Production - 0.1%	
483,383		Venoco, Inc., Second Lien Term Loan, 4.375%,	5 372,204
		Total Energy	372,204

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

		Materials - 0.5%	
		Steel - 0.5%	
2,254,000		Niagara Corp., Term Loan, 7.25%, 6/30/14	1,256,605
		Total Materials	1,256,605
		Capital Goods - 0.6%	
		Building Products - 0.6%	
166,094		Custom Building Products, Inc., First Lien Ter	149,485
2,250,000		Custom Building Products, Inc., Second Lien Tel	1,524,375
		Total Capital Goods	1,673,860
		Comercial & Professional Services - 0.1%	
		Diversified Support Services - 0.1%	
397,920		Rental Service Corp., Second Lien Initial Term	306,399
		Total Commercial & Professional Services	306,399
		Consumer Durables & Apparel - 0.0%	
		Homebuilding - 0.0%	
2,600,000	(b) (g)	LandSource Communities Development, LLC, Secon	35,750
		Total Consumer Durables & Apparel	35,750
		Consumer Services - 0.2%	
		Casinos & Gaming - 0.2%	
2,500,000		Gateway Casinos & Entertainment, Inc., Advance	500,000
		Total Consumer Services	500,000
		Household & Personal Products - 0.1%	
		Household Products - 0.1%	
142,443		Central Garden & Pet Co., Tranche B Term Loan,	132,286
		Total Household & Personl Products	132,286
		Health Care Equipment & Services - 0.5%	
		Health Care Equipment & Services - 0.5%	
1,477,273		Talecris Biotherapeutics Holdings Corp., First	1,344,318
		Total Health Care Equipment & Services	1,344,318
		Diversified Financials - 0.9%	
		Other Diversified Financial Services - 0.9%	
EURO 2,553,544	(c)	Louis Topco, Ltd., Term Loan, 9.012%, 6/1/17	2,459,442
		Total Diversified Financials	2,459,442
		Insurance - 0.4%	
		Multi-Line Insurance - 0.4%	
385,875		AmWins Group, Inc., Initial Term Loan 3.11% -	244,066
2,250,000		AmWins Group, Inc., Second Lien Initial Term L	855,000
		Total Insurance	1,099,066
		TOTAL FLOATING RATE LOAN INTERESTS	
		(Cost \$17,716,867)	9,179,930
		FIXED RATE LOAN INTERESTS - 0.3%	
		Semiconductors & Semiconductor Equipment - 0.3%	
		Semiconductor Equipment - 0.3%	
1,027,655	(m)	Freescale Semiconductor, Inc., Incremental Ter	906,906
		TOTAL FIXED RATE LOAN INTERESTS	
		(Cost \$2,437,277)	906,906
Shares		COMMON STOCKS - 0.5%	
		Transportation - 0.2%	
		Airlines - 0.2%	
96,367	(i) (m)	Delta Airlines, Inc.	557,965
		Total Transportation	557,965

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

		Pharmaceuticals & Biotechnology & Life Sciences - 0.3%	
		Pharmaceuticals - 0.3%	
17,818		Teva Pharmaceutical Industries, Ltd. (A.D.R.)	879,140
		Total Pharmaceuticals & Biotechnology & Life S	879,140
		TOTAL COMMON STOCKS	
		(Cost \$2,886,220)	1,437,105
		CONVERTIBLE PREFERRED STOCK - 1.0%	
		Materials - 0.1%	
		Diversified Metals & Mining - 0.1%	
5,100		Freeport-McMoRan Copper & Gold, Inc., 6.75%	405,093
		Total Materials	405,093
		Diversified Financials - 0.9%	
		Other Diversified Financial Services - 0.9%	
2,755		Bank of America Corp., 7.25%	2,303,263
		Total Other Diversified Financial Services	2,303,263
		TOTAL CONVERTIBLE PREFERRED STOCK	
		(Cost \$2,383,713)	2,708,356
		WARRANTS - 0.1%	
		Energy - 0.1%	
		Oil & Gas Exploration & Production - 0.1%	
2,500,000	(i)	Norse Energy Corp. ASA - CW11, Expires 7/14/11	368,987
		Total Energy	368,987
		Materials - 0.0%	
		Forest Products- 0.0%	
1,645	(i)	Mandra Forestry Holdings, Ltd. - CW13, Expires	1,645
		Total Materials	1,645
		Utilities- 0.0%	
		Independent Power Producer & Energy Traders- 0.0%	
150,592	(g) (i)	Biofuel Energy ASA, Expires 6/7/12	0
		Total Utilities	0
		TOTAL WARRANTS	
		(Cost \$523,408)	370,632
		TEMPORARY CASH INVESTMENTS - 13.4%	
		Security Lending Collateral - 13.4%(j)	
		Certificates of Deposit:	
800,016		Abbey National Plc, 1.27%, 8/13/09	800,016
1,598,395		Cafco, 0.40%, 10/1/09	1,598,395
1,600,031		CBA, 1.35%, 7/16/09	1,600,031
1,119,151		Ciesco, 0.40%, 9/1/09	1,119,151
1,199,948		Fasco, 0.25%, 7/10/09	1,199,948
1,598,573		Kithaw, 0.40%, 9/21/09	1,598,573
1,599,635		Merrill Lynch, 0.61%, 8/14/09	1,599,635
1,200,023		Royal Bank of Canada NY, 1.19%, 8/7/09	1,200,023
1,600,031		Societe Generale, 1.06%, 9/4/09	1,600,031
1,440,028		Svenska Bank NY, 1.48%, 7/8/09	1,440,028
1,600,031		U.S. Bank NA, 0.76%, 8/24/09	1,600,031
			15,355,862
		Commercial Paper:	
1,571,230		American Honda Finance Corp., 1.27%, 7/14/09	1,571,230
800,016		CME Group, Inc., 1.21%, 8/6/09	800,016
1,200,467		GE, 0.47%, 9/18/09	1,200,467
322,957		GE, 0.79%, 10/26/09	322,957
1,600,031		HSBC Bank, Inc., 1.31%, 8/14/09	1,600,031
400,008		IBM, 0.88%, 9/25/09	400,008
1,600,031		Monumental Global Funding, Ltd., 1.28%, 8/17/01,	1,600,031
1,440,028		New York Life Global, 0.75%, 9/4/09	1,440,028

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

		8,934,768
	Tri-party Repurchase Agreements:	
5,334,392	Barclays Capital Markets, 0.01%, 7/1/09	5,334,392
4,480,087	Deutsche Bank, 0.08%, 7/1/09	4,480,087
		9,814,479
Shares		
	Money Market Mutual Fund:	
1,600,031	JPMorgan, U.S. Government Money Market Fund	1,600,031
	TOTAL SECURITIES LENDING COLLATERAL	35,705,140
	TOTAL TEMPORARY CASH INVESTMENTS	
	(Cost \$35,705,140)	35,705,140
	TOTAL INVESTMENTS IN SECURITIES - 163.7%	
	(Cost \$531,369,643) (k) (l)	436,524,803
	OTHER ASSETS AND LIABILITIES - (7.1)%	(18,868,661)
	PREFERRED SHARES AT REDEMPTION VALUE,	
	INCLUDING DIVIDENDS PAYABLE - (56.6)%	(151,014,907)
	NET ASSETS APPLICABLE TO COMMON SHAREOWNERS - 100%	266,641,235

(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, 2009, the value of these securities amounted to \$124,371,033 or 46.6% of total net assets applicable to common shareowners.

- (a) Floating rate note. The rate shown is the coupon rate at June 30, 2009.
- (b) Security is in default and is non-income producing.
- (c) Payment-in Kind (PIK) security which may pay interest in additional principal amount.
- (d) Security is priced as a unit.
- (e) 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, 2009.
- (f) Security is a perpetual bond and has no definite maturity date.
- (g) Indicates a security that has been deemed illiquid. The aggregate cost of illiquid securities is \$11,125,320. The aggregate value \$3,608,559 represents 1.4% of total net assets applicable to common shareowners.
- (h) Floating rate loan interests in which the Trust invests generally pay interest at rates that are periodically redetermined by reference to a base lending rate 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

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

or more major United States banks, (iii) the certificate of deposit (iv) other base lending rates used by commercial lenders. The interest rate shown is the rate accruing at June 30, 2009.

- (i) Non-income producing.
- (j) Security lending collateral is managed by Credit Suisse, New York Branch.
- (k) At June 30, 2009, the net unrealized loss on investments based on cost for federal income tax purposes of \$532,042,534 was as follows:

Aggregate gross unrealized gain for all investments in which there is an excess of value over tax cost \$17,624,504

Aggregate gross unrealized loss for all investments in which there is an excess of tax cost over value (113,142,235)
Net unrealized loss (\$95,517,731)

For financial reporting purposes net unrealized loss was \$94,844,840 and cost of investments aggregated \$531,369,643.

- (l) Distribution of investments by country of issue, as a percentage of total holdings, is as follows:

United States	80.2%
Canada	3.2
United Kingdom	2.3
Norway	2.1
Brazil	1.8
Cayman Islands	1.6
Bermuda	1.3
Germany	1.2
Netherlands	1.0
Mexico	0.8
Italy	0.8
Australia	0.6
Thailand	0.5
Russia	0.5
Colombia	0.4
Argentina	0.4
Virgin Islands	0.4
France	0.3
Israel	0.2
South Africa	0.2
Ireland	0.1
Singapore	0.1
Luxembourg	0.0
	100.0%

- (m) At June 30, 2009, the following securities were out on loan:

Principal Amount	Description	Market Value
USD(\$)		
750,000	Aes Chivor SA ESP, 9.75%, 12/30/14 (144A)	\$810,000
2,137,000	Aleris International, Inc., 10.0%, 12/15/16	45,411
1,237,000	Allison Transmission, Inc., 11.0%, 11/1/15 (14	977,230
39,000	Angiotech Pharmaceuticals, Inc., 7.75%, 4/1/14	23,400
304,000	BE Aerospace, Inc., 8.5%, 7/1/18	286,520
507,000	Bombardier, Inc., 8.0%, 11/15/14 (144A)	477,214

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

1,450,000	CCH I Holdings LLC, 11.0%, 10/1/15 (144A)	174,000
687,000	Compagnie Generale de Geophysique-Veritas, 9.5%	685,283
1,101,000	Cricket Communications, Inc., 7.75%, 5/15/16*	1,059,713
2,650,000	First Data Corp., 9.875%, 9/24/15	1,881,500
783,000	Ford Motor Credit Co., LLC, 7.875%, 6/15/10	743,744
152,000	Freescal Semiconductor, Inc., Incremental Ter	134,140
100,000	Georgia Gulf Corp., 10.75%, 10/15/16	10,000
1,665,000	Graphic Packaging International, Inc., 9.5%	81,590,075
220,000	Hexion U.S. Finance Corp., 9.75%, 11/15/14	99,000
1,500,000	Industrias Metalurgicas Pescarmona SA, 11.25%	915,000
1,420,000	Jarden Corp., 7.5%, 5/1/17	1,242,500
2,063,000	MBIA Insurance Co., 14.0% 1/15/33 (144A)	783,940
92,000	MetroPCS Wireless, Inc., 9.25%, 11/1/14 (144A)	91,080
1,000,000	Minerva Overseas, Ltd., 9.5%, 2/1/17 (144A)	562,500
2,407,000	Nortel Networks Corp., 2.125%, 4/15/14	794,310
3,403,000	PAETEC Holding Corp., 9.5%, 7/15/15	2,952,103
1,300,000	Panolam Industries International, 10.75%, 10/1	65,000
3,698,000	Sally Holdings LLC, 10.5%, 11/15/16	3,661,020
272,000	Scientific Games International, Inc., 9.25%	6 272,000
2,762,000	Teck Resources, Ltd., 10.25%, 5/15/16 (144A)	2,879,385
4,300,000	Texas Computer Electric Hold LLC, 10.25%, 11/12,	676,750
185,000	United Rentals North America, 6.5%, 2/15/12*	179,450
4,421,000	Univision Communications, 9.75%, 3/15/15 (144A)	2,519,970
70,000	Waste Services, Inc., 9.5%, 4/15/14	65,975
701,000	Wells Fargo Capital XV, 9.75%	678,218
3,653,000	Yankee Acquisition Corp., 8.5%, 2/15/15	3,077,653
1,485,000	Yankee Acquisition Corp., 9.75%, 2/15/17	1,158,300
Shares		
95,000	Delta Airlines, Inc.	550,050
		\$34,122,434

*Awaiting pending sales, portion not part of portfolio at period end.

Note: Principal amounts are denominated in U.S. dollars unless otherwise denoted.

EURO

ITL

NOK

Glossary of Terms:
(A.D.R.)

Trust's
broad
priority
securities
quoted
prepayment speeds

Various inputs are used in determining the value of the investments. These inputs are summarized in the three levels listed below. Highest priority is given to Level 1 inputs and lowest is given to Level 3.

Level 1 - quoted prices in active markets for identical securities

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

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

The following is a summary of the inputs used as of June 30, 2009, in valuing the Trust's assets:

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

	Level 1	Level 2	Level 3	Total
Asset Backed Securitie	\$0	\$7,601,459	\$0	\$7,601,459
Collateralized Mortgag	0	4,287,552	0	4,287,552
Corporate Bonds & Note	0	329,300,707	0	329,300,707
Convertible Bonds & No	0	19,317,697	0	19,317,697
Municipal Bonds	0	17,811,585	0	17,811,585
Municipal Collateraliz	0	2,272,809	0	2,272,809
Sovereign Debt Obligat	0	5,624,925	0	5,624,925
Floating Rate Loan Int	0	9,179,930	0	9,179,930
Fixed Rate Loan Intere	0	906,906	0	906,906
Common Stocks	1,437,105	0	0	1,437,105
Convertible Preferred	405,093	2,303,263	0	2,708,356
Warrants	0	370,632	0	370,632
Temporary Cash Investm	0	35,705,140	0	35,705,140
Total	\$1,842,198	\$434,682,605	\$0	\$436,524,803
Other Financial Instru	(\$291,400)	\$0	\$0	(\$291,400)

* Other financial instruments include foreign exchange contracts.

ITEM 2. CONTROLS AND PROCEDURES.

(a) Disclose the conclusions of the registrant's principal executive officer or officers and principal financial officer or officers, or persons performing similar functions, about 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 their evaluation of these controls and procedures required by Rule 30a-3(b) under the Act (17 CFR270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Exchange Act (17 CFR240.13a-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 CFR270.30a-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.

(a) A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2 under the Act (17 CFR 270.30a-2).

Filed herewith.

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

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/ John F. Cogan, Jr.
John F. Cogan, Jr, President

Date August 28, 2009

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/ John F. Cogan, Jr.
John F. Cogan, Jr., President

Date August 28, 2009

By (Signature and Title)* /s/ Mark Bradley
Mark Bradley, Treasurer

Date August 28, 2009

* Print the name and title of each signing officer under his or her signature.