

MFS INTERMEDIATE HIGH INCOME FUND  
Form N-Q  
April 24, 2009

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF**  
**REGISTERED MANAGEMENT INVESTMENT COMPANIES**

Investment Company Act file number 811-5567

**MFS INTERMEDIATE HIGH INCOME FUND**

(Exact name of registrant as specified in charter)

**500 Boylston Street, Boston, Massachusetts 02116**

(Address of principal executive offices) (Zip code)

**Susan S. Newton**

**Massachusetts Financial Services Company**

**500 Boylston Street**

**Boston, Massachusetts 02116**

(Name and address of agents for service)

Registrant's telephone number, including area code: (617) 954-5000

Date of fiscal year end: November 30

Date of reporting period: February 28, 2009

**ITEM 1. SCHEDULE OF INVESTMENTS.**



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MFS Intermediate High Income Fund

PORTFOLIO OF INVESTMENTS (Unaudited) 2/28/09

Issuer	Shares/Par	Value (\$)
<b>Bonds 124.2%</b>		
<b>Aerospace 1.3%</b>		
Bombardier, Inc., 6.3%, 2014 (n)	\$ 215,000	\$ 144,050
Hawker Beechcraft Acquisition Co. LLC, 8.5%, 2015	195,000	37,050
TransDigm Group, Inc., 7.75%, 2014	60,000	55,200
Vought Aircraft Industries, Inc., 8%, 2011	430,000	236,500
		\$ 472,800
<b>Airlines 1.2%</b>		
AMR Corp., 7.858%, 2011	\$ 135,000	\$ 116,775
Continental Airlines, Inc., 7.339%, 2014	524,000	335,360
		\$ 452,135
<b>Apparel Manufacturers 0.6%</b>		
Broder Brothers Co., 11.25%, 2010	\$ 260,000	\$ 60,450
Hanesbrands, Inc., FRN, 5.697%, 2014	220,000	145,200
		\$ 205,650
<b>Asset Backed &amp; Securitized 5.9%</b>		
Banc of America Commercial Mortgage, Inc., 5.39%, 2045	\$ 175,928	\$ 66,438
Banc of America Commercial Mortgage, Inc., 5.772%, 2051	600,000	209,096
Banc of America Commercial Mortgage, Inc., 6.2%, 2051 (z)	450,000	39,752
Banc of America Commercial Mortgage, Inc., FRN, 5.658%, 2049	200,000	114,181
Banc of America Commercial Mortgage, Inc., FRN, 5.811%, 2051	176,159	64,554
Citigroup Commercial Mortgage Trust, FRN, 5.7%, 2049	275,000	33,246
Citigroup Commercial Mortgage Trust, FRN, 5.7%, 2049	190,000	114,073
Credit Suisse Mortgage Capital Certificate, 5.343%, 2039	197,320	73,410
CWCapital Cobalt Ltd., 5.223%, 2048	55,000	35,617
GS Mortgage Securities Corp., 5.56%, 2039	230,000	151,427
JPMorgan Chase Commercial Mortgage Securities Corp., 5.44%, 2045	415,000	159,466
JPMorgan Chase Commercial Mortgage Securities Corp., 5.466%, 2047	354,818	127,185
JPMorgan Chase Commercial Mortgage Securities Corp., 5.42%, 2049	320,000	191,782
JPMorgan Chase Commercial Mortgage Securities Corp., FRN, 5.746%, 2049	250,617	35,415
JPMorgan Chase Commercial Mortgage Securities Corp., FRN, 5.746%, 2049	404,598	50,883
JPMorgan Chase Commercial Mortgage Securities Corp., FRN, 5.746%, 2049	1,169,622	126,024
JPMorgan Chase Commercial Mortgage Securities Corp., FRN, 6.062%, 2051	155,000	24,168
Merrill Lynch Mortgage Trust, FRN, 5.828%, 2050	155,000	23,668
Merrill Lynch/Countrywide Commercial Mortgage Trust, 5.204%, 2049	450,000	167,433
Merrill Lynch/Countrywide Commercial Mortgage Trust, FRN, 5.748%, 2050	125,000	40,393
Merrill Lynch/Countrywide Commercial Mortgage Trust, FRN, 5.748%, 2050	190,000	103,683
Wachovia Bank Commercial Mortgage Trust, FRN, 5.692%, 2047	250,000	30,714
Wachovia Bank Commercial Mortgage Trust, FRN, 5.752%, 2047	175,000	17,681
Wachovia Bank Commercial Mortgage Trust, FRN, 5.902%, 2051	450,000	163,269
		\$ 2,163,558
<b>Automotive 3.7%</b>		
Accuride Corp., 8.5%, 2015	\$ 195,000	\$ 58,500

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Allison Transmission, Inc., 11%, 2015 (n)		400,000	194,000
FCE Bank PLC, 7.125%, 2012	EUR	500,000	386,664
Ford Motor Credit Co. LLC, 9.75%, 2010	\$	205,000	132,369
Ford Motor Credit Co. LLC, 12%, 2015		292,000	170,005
Ford Motor Credit Co. LLC, 8%, 2016		140,000	65,948
General Motors Corp., 8.375%, 2033		568,000	75,260
Goodyear Tire & Rubber Co., 8.625%, 2011		107,000	85,600
Goodyear Tire & Rubber Co., 9%, 2015		244,000	184,220

\$ 1,352,566

**Broadcasting 4.9%**

Allbritton Communications Co., 7.75%, 2012	\$	685,000	\$ 308,250
CanWest MediaWorks LP, 9.25%, 2015 (a)(n)		380,000	39,900
Clear Channel Communications, 10.75%, 2016 (n)		95,000	13,775

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MFS Intermediate High Income Fund

PORTFOLIO OF INVESTMENTS (Unaudited) 2/28/09 - continued

Issuer	Shares/Par	Value (\$)
<b>Bonds continued</b>		
<b>Broadcasting continued</b>		
DirectTV Holdings LLC, 7.625%, 2016	\$ 450,000	\$ 432,000
Intelsat Jackson Holdings Ltd., 9.5%, 2016 (z)	85,000	78,625
Lamar Media Corp., 6.625%, 2015	285,000	183,825
Lamar Media Corp., C , 6.625%, 2015	295,000	184,375
LBI Media, Inc., 8.5%, 2017 (z)	210,000	63,000
LIN TV Corp., 6.5%, 2013	460,000	239,200
Local TV Finance LLC, 9.25%, 2015 (p)(z)	420,000	42,525
Newport Television LLC, 13%, 2017 (n)(p)	430,000	17,200
Nexstar Broadcasting Group, Inc., 7%, 2014	390,000	136,987
Univision Communications, Inc., 9.75%, 2015 (n)(p)	560,000	42,000
Young Broadcasting, Inc., 8.75%, 2014 (d)	120,000	13
		\$ 1,781,675
<b>Brokerage &amp; Asset Managers 0.4%</b>		
Nuveen Investments, Inc., 10.5%, 2015 (n)	\$ 605,000	\$ 139,150
<b>Building 1.9%</b>		
Associated Materials, Inc., 9.75%, 2012	\$ 135,000	\$ 111,375
Associated Materials, Inc., 0% to 2009, 11.25% to 2014	270,000	81,000
Building Materials Corp. of America, 7.75%, 2014	335,000	229,475
Nortek, Inc., 10%, 2013	220,000	88,000
Nortek, Inc., 8.5%, 2014	165,000	26,400
Ply Gem Industries, Inc., 9%, 2012	330,000	75,900
Ply Gem Industries, Inc., 11.75%, 2013	165,000	75,900
		\$ 688,050
<b>Business Services 1.8%</b>		
First Data Corp., 9.875%, 2015	\$ 320,000	\$ 176,000
SunGard Data Systems, Inc., 9.125%, 2013	275,000	233,750
SunGard Data Systems, Inc., 10.25%, 2015	377,000	258,245
		\$ 667,995
<b>Cable TV 4.4%</b>		
Cablevision Systems Corp., 8%, 2012	\$ 325,000	\$ 314,437
CCO Holdings LLC, 8.75%, 2013	405,000	315,900
Charter Communications, Inc., 8.375%, 2014 (n)	140,000	120,400
Charter Communications, Inc., 10.875%, 2014 (n)	70,000	64,750
CSC Holdings, Inc., 8.5%, 2014 (z)	85,000	81,600
Mediacom LLC, 9.5%, 2013	105,000	91,350
Time Warner Cable, Inc., 8.75%, 2019	200,000	213,489
Virgin Media Finance PLC, 8.75%, 2014	EUR 160,000	177,485
Virgin Media Finance PLC, 8.75%, 2014	\$ 180,000	161,775
Virgin Media, Inc., 9.125%, 2016	100,000	87,875
		\$ 1,629,061

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**Chemicals 4.5%**

Huntsman International LLC, 6.875%, 2013 (n)	EUR 200,000	\$ 101,420
Innophos Holdings, Inc., 8.875%, 2014	\$ 735,000	584,325
KI Holdings, Inc., 0% to 2009, 9.875% to 2014	340,000	278,800
Momentive Performance Materials, Inc., 11.5%, 2016	435,000	91,350
Nalco Co., 7.75%, 2011	260,000	257,400
Nalco Co., 8.875%, 2013	360,000	348,300

\$ 1,661,595

**Consumer Goods & Services 5.0%**

Corrections Corp. of America, 6.25%, 2013	\$ 175,000	\$ 167,562
GEO Group, Inc., 8.25%, 2013	175,000	157,500
Jarden Corp., 7.5%, 2017	330,000	257,400
KAR Holdings, Inc., 5.17%, 2014	100,000	36,000
KAR Holdings, Inc., 10%, 2015	385,000	130,900

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PORTFOLIO OF INVESTMENTS (Unaudited) 2/28/09 - continued

Issuer	Shares/Par	Value (\$)
<b>Bonds continued</b>		
<b>Consumer Goods &amp; Services continued</b>		
Service Corp. International, 7.375%, 2014	\$ 50,000	\$ 47,750
Service Corp. International, 6.75%, 2016	205,000	186,550
Service Corp. International, 7%, 2017	785,000	714,350
Ticketmaster, 10.75%, 2016 (n)	185,000	133,200
		\$ 1,831,212
<b>Containers 2.4%</b>		
Crown Americas LLC, 7.625%, 2013	\$ 215,000	\$ 216,075
Graham Packaging Holdings Co., 9.875%, 2014	400,000	252,000
Greif, Inc., 6.75%, 2017	350,000	306,250
Owens-Brockway Glass Container, Inc., 8.25%, 2013	120,000	121,200
		\$ 895,525
<b>Defense Electronics 1.4%</b>		
L-3 Communications Corp., 5.875%, 2015	\$ 240,000	\$ 221,400
L-3 Communications Corp., 6.375%, 2015	310,000	292,950
		\$ 514,350
<b>Electronics 0.7%</b>		
Flextronics International Ltd., 6.25%, 2014	\$ 265,000	\$ 222,600
Freescale Semiconductor, Inc., 8.875%, 2014	165,000	29,700
Spanion, Inc., 11.25%, 2016 (d)(n)	515,000	12,231
		\$ 264,531
<b>Energy - Independent 7.3%</b>		
Chaparral Energy, Inc., 8.875%, 2017	\$ 335,000	\$ 80,400
Chesapeake Energy Corp., 7%, 2014	114,000	97,470
Chesapeake Energy Corp., 9.5%, 2015	75,000	69,750
Chesapeake Energy Corp., 6.375%, 2015	410,000	335,175
Delta Petroleum Corp., 7%, 2015	15,000	5,850
Forest Oil Corp., 8.5%, 2014 (z)	105,000	95,550
Forest Oil Corp., 7.25%, 2019 (n)	170,000	136,000
Forest Oil Corp., 7.25%, 2019	100,000	80,000
Hilcorp Energy I LP, 7.75%, 2015 (n)	25,000	19,125
Hilcorp Energy I LP, 9%, 2016 (n)	285,000	226,575
Mariner Energy, Inc., 8%, 2017	300,000	199,500
Mcmoran Exploration Co., 11.875%, 2014	80,000	58,200
Newfield Exploration Co., 6.625%, 2014	155,000	137,950
OPTI Canada, Inc., 8.25%, 2014	605,000	205,700
Petrohawk Energy Corp., 10.5%, 2014 (z)	115,000	113,275
Plains Exploration & Production Co., 7%, 2017	350,000	298,375
Quicksilver Resources, Inc., 7.125%, 2016	520,000	343,200
Range Resource Corp., 7.5%, 2016	15,000	13,875
SandRidge Energy, Inc., 8%, 2018 (n)	235,000	183,300



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			\$ 2,699,270
<b>Entertainment 1.3%</b>			
AMC Entertainment, Inc., 11%, 2016	\$ 325,000	\$	292,500
Marquee Holdings, Inc., 9.505%, 2014	300,000		201,000
			\$ 493,500
<b>Financial Institutions 2.2%</b>			
GMAC Commercial Mortgage Securities, Inc., 6.875%, 2011 (z)	\$ 893,000	\$	581,341
GMAC Commercial Mortgage Securities, Inc., 7%, 2012 (z)	105,000		62,592
GMAC Commercial Mortgage Securities, Inc., 6.75%, 2014 (z)	190,000		92,260
GMAC Commercial Mortgage Securities, Inc., 8%, 2031 (z)	139,000		62,400
			\$ 798,593
<b>Food &amp; Beverages 4.4%</b>			
Anheuser-Busch Companies, Inc., 7.75%, 2019 (n)	\$ 210,000	\$	210,109

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PORTFOLIO OF INVESTMENTS (Unaudited) 2/28/09 - continued

Issuer	Shares/Par	Value (\$)
<b>Bonds continued</b>		
<b>Food &amp; Beverages continued</b>		
ARAMARK Corp., 8.5%, 2015	\$ 430,000	\$ 391,300
B&G Foods, Inc., 8%, 2011	325,000	295,750
Dean Foods Co., 7%, 2016	435,000	413,250
Del Monte Corp., 6.75%, 2015	335,000	319,925
		\$ 1,630,334
<b>Forest &amp; Paper Products 2.8%</b>		
Abitibi-Consolidated, Inc., 8.375%, 2015 (a)	\$ 380,000	\$ 34,200
Bowater, Inc., 6.5%, 2013 (a)	500,000	62,500
Buckeye Technologies, Inc., 8.5%, 2013	15,000	13,369
Georgia-Pacific Corp., 7.125%, 2017 (n)	190,000	174,325
Georgia-Pacific Corp., 8%, 2024	425,000	318,750
Graphic Packaging International Corp., 9.5%, 2013	240,000	178,800
Jefferson Smurfit Corp., 8.25%, 2012 (d)	125,000	10,000
Millar Western Forest Products Ltd., 7.75%, 2013	375,000	183,750
NewPage Holding Corp., 10%, 2012	90,000	27,225
Smurfit-Stone Container Corp., 8%, 2017 (d)	192,000	16,800
		\$ 1,019,719
<b>Gaming &amp; Lodging 5.6%</b>		