BLACKROCK SENIOR HIGH INCOME FUND, INC.
Form N-Q
January 29, 2008

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 811-07456

Name of Fund: BlackRock Senior High Income Fund, Inc. (ARK)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Donald C. Burke, Chief Executive Officer, BlackRock Senior High Income Fund, Inc., 800 Scudders Mill Road, Plainsboro, NJ, 08536. Mailing address: P.O. Box 9011, Princeton, NJ, 08543-9011

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 02/29/2008

Date of reporting period: 09/01/2007 - 11/30/2007

Item 1 - Schedule of Investments

BlackRock Senior High Income Fund, Inc.

Schedule of Investments as of November 30, 2007 (Unaudited)

Industry	Face Amount	Corporate Bonds
Aerospace & Defense - 1.4%	$ 400,000	Hawker Beechcraft Acquisition Co. LLC, 8.875% due 4/01/2015 (g)(j)
	4,210,000	Vought Aircraft Industries, Inc., 8% due 7/15/2
Auto Components - 2.3%	5,070,000	The Goodyear Tire & Rubber Co., 8.663% due 12/01/2009 (b)
	1,000	The Goodyear Tire & Rubber Co., 8.625% due 12/01/2011
	1,495,000	Lear Corp., 8.75% due 12/01/2016
	1,075,000	Metaldyne Corp., 11% due 6/15/2012
	700,000	Venture Holdings Co. LLC, 12% due 6/01/2009 (f)
	3,325,000	Venture Holdings Co. LLC Series B, 9.50% due 7/01/2005 (m)
Biotechnology - 0.8%	2,690,000	Angiotech Pharmaceuticals, Inc., 8.874%

		due 12/01/2013 (b)
Building Products - 2.6%	3,500,000	CPG International I, Inc., 12.13% due 7/01/2012
	1,500,000	CPG International I, Inc., 10.50% due 7/01/2013
	3,350,000	Goodman Global Holding Co., Inc., 7.875% due 12/15/2012
	60,000	Momentive Performance Materials, Inc., 10.125% due 12/01/2014 (g)(j)
Chemicals - 4.2%	610,000	American Pacific Corp., 9% due 2/01/2015
	1,350,000	ArCo Chemical Co., 9.80% due 2/01/2020
	4,382,000	GEO Specialty Chemicals, Inc., 13.85% due 12/31/2009 (a)
	1,500,000	Hexion U.S. Finance Corp., 9.369% due 11/15/201
	1,170,000	Ineos Group Holdings Plc, 8.50% due 2/15/2016 (
	4,365,000	NOVA Chemicals Corp., 7.863% due 11/15/2013 (b)
	1,000,000	PolyOne Corp., 6.89% due 9/22/2008
Commercial Banks - 0.2%	500,000	Investcorp SA, 7.54% due 10/21/2008
Commercial Services & Supplies - 0.2%	550,000	PNA Intermediate Holding Corp., 11.869% due 2/15/2013 (b)(g)(j)
Containers & Packaging - 5.1%	100,000	Berry Plastics Holding Corp., 8.866% due 9/15/2
	3,500,000	Clondalkin Acquisition BV, 6.991% due 12/15/201
	215,000	Graphic Packaging International Corp., 9.50% due 8/15/2013
	4,285,000	Packaging Dynamics Finance Corp., 10% due 5/01/2016 (j)
	5,150,000	Smurfit Kappa Funding Plc, 7.75% due 4/01/2015
	800,000	Smurfit-Stone Container Enterprises, Inc., 8.37 7/01/2012
	1,300,000	Smurfit-Stone Container Enterprises, Inc., 8% due 3/15/2017
	2,000,000	Wise Metals Group LLC, 10.25% due 5/15/2012
Diversified Financial Services - 1.8%	680,000	Ford Motor Credit Co. LLC, 5.80% due 1/12/2009
	1,340,000	Ford Motor Credit Co. LLC, 7.993% due 1/13/2012
	250,000	Ford Motor Credit Co. LLC, 9.693% due 4/15/2012
	4,000,000	Highland Legacy Ltd., 11.161% due 6/01/2011 (b)
Diversified Telecommunication Services - 1.0%	1,025,000	Qwest Corp., 8.241% due 6/15/2013 (b)
	2,000,000	Time Warner Telecom Holdings, Inc., 9.25% due 2/15/2014
Electric Utilities - 0.8%	2,620,000	NSG Holdings LLC, 7.75% due 12/15/2025 (i)(j)
Electronic Equipment & Instruments - 2.0%	3,000,000	Communications & Power Industries, Inc., 8% due 2/01/2012
	3,125,000	NXP BV, 7.993% due 10/15/2013 (b)
	350,000	NXP BV, 9.50% due 10/15/2015

Energy Equipment & Services - 2.5%	5,000,000	Ocean RIG ASA, 9.24% due 4/04/2011 (b)
	3,025,000	SemGroup LP, 8.75% due 11/15/2015 (j)
Gas Utilities - 0.5%	1,525,000	El Paso Performance-Linked Trust, 7.75% due 7/15/2011 (j)
Health Care Equipment & Supplies - 0.9%	800,000	Biomet, Inc., 11.625% due 10/15/2017 (j)
	1,000,000	The Cooper Cos., Inc., 7.125% due 2/15/2015
	600,000	LVB Acquisition Merger Sub, Inc., 10% due 10/15/2017 (j)
	600,000	LVB Acquisition Merger Sub, Inc., 10.375% due 10/15/2017 (g)(j)
Health Care Providers & Services - 1.5%	1,315,000	Community Health Systems, Inc. Series WI, 8.875 due 7/15/2015
	3,000,000	Tenet Healthcare Corp., 7.375% due 2/01/2013
	460,000	Universal Hospital Services, Inc., 8.288% due 6/01/2015 (b)(j)
	500,000	Universal Hospital Services, Inc., 8.50% due 6/01/2015 (g)(j)
Hotels, Restaurants & Leisure - 5.4%	3,000,000	American Real Estate Partners LP, 7.125% due 2/15/2013 (j)
	4,475,000	CCM Merger, Inc., 8% due 8/01/2013 (j)
	550,000	Galaxy Entertainment Finance Co. Ltd., 9.875% due 12/15/2012 (j)
	1,210,000	Little Traverse Bay Bands of Odawa Indians, 10. due 2/15/2014 (j)
	1,350,000	Pinnacle Entertainment, Inc., 7.50% due 6/15/20
	690,000	Shingle Springs Tribal Gaming Authority, 9.375% due 6/15/2015 (j)
	500,000	Snoqualmie Entertainment Authority, 9.062% due 2/01/2014 (b)(j)
	1,000,000	Station Casinos, Inc., 7.75% due 8/15/2016
	1,650,000	Tropicana Entertainment LLC Series WI, 9.625% due 12/15/2014
	1,500,000	Tunica-Biloxi Gaming Authority, 9% due 11/15/20
	2,450,000	Universal City Florida Holding Co. I, 9.661% due 5/01/2010 (b)
Household Durables - 0.3%	970,000	Jarden Corp., 7.50% due 5/01/2017
Independent Power Producers & Energy Traders - 2.1%	1,500,000	Energy Future Holding Corp., 11.25% due 11/01/2017 (g)(j)
	4,250,000	Texas Competitive Electric Holdings Co. LLC, 10 due 11/01/2015 (j)
	1,200,000	Texas Competitive Electric Holdings Co. LLC, 10 due 11/01/2016 (g)(j)
Leisure Equipment &	3,525,000	Quiksilver, Inc., 6.875% due 4/15/2015

Products - 1.3%	1,750,000	True Temper Sports, Inc., 8.375% due 9/15/2011
Machinery - 3.6%	2,700,000	Ahern Rentals, Inc., 9.25% due 8/15/2013
	1,540,000	Esco Corp., 8.866% due 12/15/2013 (b)(j)
	1,838,000	Invensys Plc, 9.875% due 3/15/2011 (j)
	740,000	RBS Global, Inc., 9.50% due 8/01/2014
	835,000	RBS Global, Inc., 8.875% due 9/01/2016
	3,360,000	Terex Corp., 8% due 11/15/2017
	770,000	Titan International, Inc., 8% due 1/15/2012
Marine - 0.3%	965,000	Navios Maritime Holdings, Inc., 9.50% due 12/15/2014
Media - 6.7%	120,000	Affinion Group, Inc., 10.125% due 10/15/2013
	395,000	Affinion Group, Inc., 11.50% due 10/15/2015
	3,175,000	Cablevision Systems Corp. Series B, 9.644% due 4/01/2009 (b)
	1,750,000	Charter Communications Holdings LLC, 10% due 4/01/2009
	1,319,000	Charter Communications Holdings LLC, 11.125% due 1/15/2011
	660,000	Charter Communications Holdings LLC, 10% due 5/15/2011
	1,960,000	Idearc, Inc., 8% due 11/15/2016
	275,000	Intelsat Bermuda Ltd., 10.829% due 6/15/2013 (b
	1,280,000	Intelsat Bermuda Ltd., 8.886% due 1/15/2015 (b)
	1,875,000	Mediacom LLC, 9.50% due 1/15/2013
	350,000	NTL Cable Plc, 8.75% due 4/15/2014
	245,000	Network Communications, Inc., 10.75% due 12/01/2013
	1,325,000	Paxson Communications Corp., 8.493% due 1/15/2012 (b)(j)
	800,000	R.H. Donnelley Corp., 8.875% due 10/15/2017 (j)
	5,250,000	Rainbow National Services LLC, 8.75% due 9/01/2012 (j)
	1,330,000	Windstream Regatta Holdings, Inc., 11% due 12/01/2017 (j)
Metals & Mining - 4.3%	1,295,000	Aleris International, Inc., 9% due 12/15/2014 (
	5,430,000	Freeport-McMoRan Copper & Gold, Inc., 8.394% due 4/01/2015 (b)
	1,731,000	Indalex Holding Corp. Series B, 11.50% due 2/01
	2,225,000	RathGibson, Inc., 11.25% due 2/15/2014
	3,360,000	Ryerson, Inc., 12.574% due 11/01/2014 (b)(j)
Oil, Gas & Consumable Fuels - 3.3%	200,000	Berry Petroleum Co., 8.25% due 11/01/2016
	1,500,000	Chaparral Energy, Inc., 8.50% due 12/01/2015
	1,580,000	Compton Petroleum Finance Corp., 7.625% due 12/01/2013
	4,530,000	Peabody Energy Corp., 7.375% due 11/01/2016
	2,985,000	Sabine Pass LNG LP, 7.50% due 11/30/2016

Paper & Forest Products - 7.4%	3,275,000	Abitibi-Consolidated, Inc., 8.491% due 6/15/201
	4,575,000	Ainsworth Lumber Co. Ltd., 8.58% due 10/01/2010
	2,500,000	Ainsworth Lumber Co. Ltd., 9.198% due 4/01/2013
	7,400,000	Bowater, Inc., 7.991% due 3/15/2010 (b)
	1,775,000	Domtar Corp., 7.125% due 8/15/2015
	5,175,000	NewPage Corp., 11.161% due 5/01/2012 (b)
	2,300,000	Verso Paper Holdings LLC Series B, 8.661% due 8/01/2014 (b)
Pharmaceuticals - 1.2%	1,650,000	Elan Finance Plc, 7.75% due 11/15/2011
	2,325,000	Elan Finance Plc, 8.869% due 11/15/2011 (b)
Real Estate Management & Development - 1.3%	6,000,000	Realogy Corp., 11% due 4/15/2014 (g)(j)
Road & Rail - 0.7%	1,000,000	Atlantic Express Transportation Corp., 12.455% due 4/15/2012 (b)
	2,430,000	St. Acquisition Corp., 12.619% due 5/15/2015 (b
Semiconductors & Semiconductor Equipment - 2.7%	4,500,000	Avago Technologies Finance Pte. Ltd., 10.624% due 6/01/2013 (b)
	430,000	Freescale Semiconductor, Inc., 8.866% due 12/15/2014 (b)
	2,040,000	Freescale Semiconductor, Inc., 9.125% due 12/15/2014 (g)
	2,180,000	Spansion, Inc., 8.249% due 6/01/2013 (b)(j)
Specialty Retail - 0.8%	1,780,000	Michaels Stores, Inc., 10% due 11/01/2014
	915,000	United Auto Group, Inc., 7.75% due 12/15/2016
Wireless Telecommunication Services - 1.3%	630,000	iPCS, Inc., 7.036% due 5/01/2013 (b)
	1,200,000	Nordic Telephone Co. Holdings ApS, 8.875% due 5/01/2016 (j)
	310,000	Orascom Telecom Finance SCA, 7.875% due 2/08/2014
	395,000	Orascom Telecom Finance SCA, 7.875% due 2/08/2014 (j)
	1,500,000	Rural Cellular Corp., 8.25% due 3/15/2012
		Total Corporate Bonds (Cost - $243,354,285) - 7
		Floating Rate Loan Interests (l)
Aerospace & Defense - 0.4%	39,008	Hawker Beechcraft Acquisition Co. LLC Letter of Credit, 5.198% due 3/31/2014
	458,688	Hawker Beechcraft Acquisition Co. LLC Term Loan 6.809% - 7.198% due 3/31/2014

	894,816	IAP Worldwide Services Inc. Term Loan, 11.50% due 12/31/2012
Airlines - 0.4%	1,250,000	Delta Air Lines, Inc. First Lien Term Loan, 7.3 due 5/15/2012
Auto Components - 1.0%	1,000,000	The Goodyear Tire & Rubber Co. First Lien Term Loan, 6.43% due 4/30/2014
	447,127	Intermet Corp. First Lien Term Loan, 10.724% due 11/08/2010
	648,148	Intermet Corp. Letter of Credit, 9.545% due 11/08/2010
	57,692	Metaldyne Corp. Letter of Credit, 8.999% due 1/15/2012
	392,308	Metaldyne Corp. Term Loan B, 8.999% due 1/15/20
	921,623	United Components, Inc. Term Loan D, 6.66% - 6. due 6/30/2012
Biotechnology - 0.3%	1,000,000	Talecris Biotherapeutics, Inc. First Lien Term 8.16% - 8.38% due 11/13/2014
Chemicals - 3.6%	997,500	Huish Detergents, Inc. First Lien Term Loan, 7. due 4/15/2014
	1,121,206	Huntsman ICI Holdings Term Loan B, 6.533% due 8/16/2012
	997,500	ISP Chemco Term Loan B, 6.688% - 6.938% due 5/2
	1,560,000	Rockwood Specialties Group, Inc. Tranche D Term Loan, 6.46% due 12/10/2012
	8,000,000	Wellman, Inc. First Lien Term Loan, 8.911% due 2/10/2009
Commercial Services & Supplies - 6.7%	628,168	Allied Waste North America, Inc. Term Loan, 6.28% - 7.14% due 1/15/2012
	378,159	Allied Waste North America, Inc. Tranche A Cred Linked Deposit, 5.121% due 1/15/2012
	296,287	Aramark Corp. Letter of Credit, 5.198% due 1/30
	4,145,552	Aramark Corp. Term Loan B, 7.198% due 1/30/2014
	1,687,893	Euramax International Plc First Lien Term Loan, 8.244% due 6/29/2012
	3,000,000	Euramax International Plc Second Lien Term Loan 13.244% due 6/29/2013
	1,140,917	John Maneely Co. Term Loan B, 8.125% - 8.499% due 12/15/2013
	689,325	Metokote Corp. Second Lien Term Loan, 7.76% - 8.55% due 11/27/2011
	1,725,712	NES Rentals Holdings, Inc. Term Loan C, 11.875% due 7/12/2013
	7,000,359	Waste Services, Inc. Term Loan D, 6.92% - 8.05% due 3/31/2011
	1,980,037	West Corp. Term Loan, 7.128% - 7.468% due 10/31
Computers & Peripherals - 0.7%	418,690	Intergraph Corp. Term Loan, 6.819% - 7.506% due 5/15/2014
	1,870,244	Reynolds and Reynolds Co. First Lien Term Loan,

		7.198% due 10/31/2012
Construction Materials - 0.2%	781,250	Headwaters, Inc. Term Loan B-1, 6.79% due 4/30/2011
Containers & Packaging - 1.5%	1,116,498	Anchor Glass Container Corp. Term Loan B, 7.003% - 7.791% due 5/03/2013
	1,990,000	Graham Packaging Co. LP Term Loan B, 7.50% - 8% due 4/15/2011
	995,000	Graphic Packaging International Corp. Term Loan 7.018% - 7.51% due 8/08/2010
	919,962	Solo Cup Co. Term Loan, 8.21% - 8.54% due 2/27/2011
Distributors - 0.4%	1,488,750	Keystone Automotive Operations, Inc. Term Loan 8.206% - 8.699% due 1/15/2012
Diversified Financial Services - 0.9%	3,000,000	J.G. Wentworth Manufacturing Term Loan B, 7.45% due 4/15/2014
Diversified Telecommunication Services - 0.8%	1,702,542	Winstar Communications Debtor In Possession, 6.366% due 12/31/2006 (m)
Electrical Equipment - 0.2%	742,500	Generac Power Systems, Inc. First Lien Term Loa 7.73% due 11/15/2013
Energy Equipment & Services - 0.9%	1,484,712	Dresser, Inc. First Lien Term Loan, 7.319% - 7. due 5/15/2014
	1,000,000	Dresser, Inc. Second Lien Term Loan, 11.129% due 5/15/2015
	85,714	MEG Energy Corp. Delayed Draw Term Loan, 7.23% due 4/02/2008
	492,500	MEG Energy Corp. Term Loan B, 7.20% due 4/03/2013
Food & Staples Retailing - 1.9%	750,000	Bolthouse Farms, Inc. Second Lien Term Loan, 10.698% due 12/01/2013
	229,462	Dole Food Co., Inc. Letter of Credit, 5.113% due 4/12/2013
	508,544	Dole Food Co., Inc. Term Loan B, 6.938% - 9.25% due 4/12/2013
	1,695,149	Dole Food Co., Inc. Term Loan C, 6.938% - 8.50% 4/04/2013
	967,874	Eight O'Clock Coffee Second Lien Term Loan, 8% due 7/21/2012
	496,250	McJunkin Corp. Term Loan B, 8.448% due 1/30/201
	1,401,962	Pierre Foods, Inc. Term Loan B, 8.88% due 6/30/
	248,750	Sturm Foods, Inc. First Lien Term Loan, 7.563% due 1/30/2014
Food Products - 0.3%	968,750	Jetro Holdings, Inc. Term Loan, 7.74% due 5/11/
Health Care Equipment &	2,000,000	Biomet, Inc. Term Loan B, 8.203% due 12/28/2014

Supplies - 0.9%	1,000,000	ReAble Therapeutics Finance LLC Term Loan, 8.00 due 5/14/2014
Health Care Providers & Services - 0.1%	489,827	Sterigenics International, Inc. Term Loan B, 7.76% - 7.95% due 11/30/2013
Hotels, Restaurants & Leisure - 3.8%	2,962,500	Cedar Fair LP Term Loan B, 6.753% due 8/30/2012
	744,375	Greenwood Racing, Inc. Term Loan, 7.01% - 7.80% due 11/15/2013
	1,197,000	Las Vegas Sands LLC Term Loan B, 6.95% due 5/04/2014
	1,246,875	OSI Restaurant Partners, Inc. Term Loan B, 7% due 5/15/2014
	987,500	QCE LLC First Lien Term Loan, 7.45% due 5/05/20
	1,000,000	Riviera Holdings Corp. Term Loan B, 7.20% due 5/11/2017
	1,500,000	Venetian Macau US Finance Co. LLC Delay Draw Term Loan, 7.45% due 5/25/2012
	3,000,000	Venetian Macau US Finance Co. LLC Term Loan B, 7.60% due 5/25/2013
IT Services - 3.6%	1,638,379	Activant Solutions Term Loan B, 6.938% - 7.50% due 5/02/2013
	500,000	Audio Visual Services Corp. Second Lien Term Lo 10.67% due 9/15/2014
	2,000,000	Audio Visual Services Corp. Term Loan B, 7.42% due 3/15/2014
	750,000	First Data Corp. Term Loan B, 7.96% due 9/24/20
	693,977	RedPrairie Corp. Term Loan, 8.063% - 9.50% due 7/31/2012
	297,750	RedPrairie Corp. Term Loan, 8.75% due 1/31/2013
	5,500,000	SunGard Data Systems, Inc. Term Loan B, 6.898% due 2/11/2013
	496,250	SunGard Data Systems, Inc. Term Loan B, 6.898% due 2/28/2014
Independent Power Producers & Energy Traders - 0.9%	2,000,000	TXU Corp. Term Loan 3, 8.396% due 10/10/2014
	1,000,000	TXU Corp. Term Loan B 2, 8.396% due 10/14/2029
Insurance - 0.2%	500,000	Alliant Insurance Services Term Loan B, 7.99% due 10/23/2014
Leisure Equipment & Products - 0.4%	1,331,110	Fender Musical Instruments Corp. Term Loan B, 7 due 5/25/2014
Machinery - 3.7%	995,000	Harrington Holdings, Inc. Term Loan, 7.448% due 1/15/2014
	1,720,588	Invensys Plc Term Loan, 7.244% due 1/15/2011
	1,529,412	Invensys Plc Term Loan A, 6.898% due 12/15/2010
	1,000,000	Lincoln Industrial Second Lien Term Loan, 10.41 12/18/2014
	997,500	Maxim Crane Term Loan B, 6.793% - 8.50% due 6/14/2014
	1,066,667	Navistar International Transportation Corp. Rev

		4.794% - 8.234% due 6/30/2012
	2,933,333	Navistar International Transportation Corp. Ter 8.234% due 6/30/2012
	1,975,000	OshKosh Truck Corp. Term Loan B, 7.45% due 11/30/2013
Media - 14.5%	2,000,000	Affinion Group, Inc. Term Loan, 11.678% due 3/01/2012
	4,659,135	Cequel Communications LLC Second Lien Term Loan 10.911% due 5/04/2014
	1,643,156	Cequel Communications LLC Term Loan B, 6.66% - 8.50% due 11/05/2013
	8,000,000	Charter Communications, Inc. Term Loan B, 6.99% 4/30/2014
	973,460	ClientLogic Holding Corp. Term Loan B, 7.253% - 7.698% due 1/30/2014
	4,000,000	Ellis Communications Term Loan, 10% due 12/30/2
	605,797	GateHouse Media Operating, Inc. Delay Draw Term 7.07% - 7.25% due 9/15/2014
	1,500,000	GateHouse Media Operating, Inc. Term Loan B, 7. due 9/15/2014
	995,000	Hanley-Wood LLC Term Loan B, 7.474% - 7.499% due 3/07/2014
	2,977,500	Idearc, Inc. Term Loan B, 7.20% due 11/15/2014
	5,000,000	Insight Midwest Holdings LLC Delay Draw Term Lo 7% due 4/03/2014
	748,125	Knology, Inc. Term Loan B, 7.48% due 3/15/2012
	1,982,665	Mediacom Communications Term Loan D, 6.53% due 1/31/2015
	2,548,244	Mediacom LLC Term Loan C, 6.53% due 1/31/2015
	3,465,005	Nielsen Finance LLC Term Loan B, 6.915% - 7.146 due 8/15/2013
	746,250	Penton Media Term Loan, 7.234% - 7.448% due 2/1
	479,022	Riverdeep Group Ltd. Bridge Loan, 12.438% due 12/21/2007
	1,244,984	Riverdeep Group Ltd. Term Loan B, 7.948% due 12/21/2013
	1,500,000	Thomson Learning Inc. Term Loan, 7.95% due 6/30
	107,383	Univision Communications, Inc. Delay Draw Term 7.003% due 9/30/2014
	3,758,389	Univision Communications, Inc. Delay Draw Term 7.21% due 9/30/2014
Multi-Utilities - 0.1%	500,000	Brand Energy & Infrastructure Services, Inc. Le Credit, 7.50% due 2/15/2014
Oil, Gas & Consumable Fuels - 2.9%	447,500	Big West Oil & Gas Term Loan B, 7.448% due 5/15
	4,000,000	Frontier Drilling Term Loan B, 8.99% due 6/21/2
	997,500	Petroleum Geo-Services ASA Term Loan B, 6.95% d 6/30/2015
	1,000,000	SandRidge Energy, Inc. Term Loan B, 8.854% due 3/01/2014
	2,000,000	Scorpion Drilling Ltd. Second Lien Term Loan, 12.293% due 5/05/2015
	926,250	Western Refining Co. LP Term Loan B, 6.559% due 3/15/2014

Paper & Forest Products - 0.3%	27,448	Cenveo, Inc. Delay Draw Term Loan, 6.988% due 9/07/2013
	823,744	Cenveo, Inc. Term Loan C, 6.988% due 9/07/2013
Pharmaceuticals - 0.9%	2,992,500	Pharmaceutical Technologies & Services (PTS) Te Loan, 7.448% due 4/15/2014
Real Estate Management & Development - 2.3%	5,000,000	LNR Property Corp. Term Loan B, 7.63% due 7/12/2011
	3,000,000	Realogy Corp. Letter of Credit, 4.976% due 9/22
Road & Rail - 0.5%	1,686,047	Swift Transportation Co., Inc. Term Loan B, 7.9 due 5/15/2014
Specialty Retail - 0.9%	1,995,000	ADESA, Inc. Term Loan B, 7.45% due 10/30/2013
	493,530	Burlington Coat Factory Warehouse Corp. Term Loan B, 7.32% due 4/15/2013
	746,250	Claire's Stores Term Loan B, 7.948% due 5/24/20
Trading Companies & Distributors - 0.3%	728,561	United Rentals, Inc. Term Loan, 6.658% due 2/14/2011
	306,466	United Rentals, Inc. Tranche B Credit Linked De 5.32% due 2/14/2011
Wireless Telecommunication Services - 1.3%	2,750,000	Centennial Cellular Operating Co. Term Loan, 7.081% - 7.198% due 2/09/2011
	997,500	IPC Systems First Lien Term Loan, 7.448% due 5/25/2014
	609,626	NG Wireless Term Loan, 7.559% - 7.948% due 7/31/2014
		Total Floating Rate Loan Interests (Cost - $191,675,173) - 58.0%
	Shares Held	Common Stocks
Chemicals - 0.0%	142,466	GEO Specialty Chemicals, Inc. (e)
Containers & Packaging - 0.1%	18,171	Smurfit Kappa Plc (e)
Hotels, Restaurants & Leisure - 0.2%	41,866	Lodgian, Inc. (e)
		Total Common Stocks (Cost - $2,818,960) - 0.3%

		Warrants (k)
Wireless Telecommunication Services - 0.1%	600	American Tower Corp. (expires 8/01/2008)
		Total Warrants (Cost - $39,036) - 0.1%
	Beneficial Interest	Other Interests (c)
Auto Components - 0.0%	$ 4,130,972	Cambridge Industries, Inc. (Litigation Trust Ce
Media - 0.0%	2,500	Adelphia Preferred Escrow
	250,000	Adelphia Recovery Trust Series ACC-6B INT
		Total Other Interests (Cost - $25) - 0.0%
		Short-Term Securities
	3,758,172	BlackRock Liquidity Series, LLC Cash Sweep Series, 4.75% (d)(h)
		Total Short-Term Securities (Cost - $3,758,172)
		Total Investments (Cost - $441,645,651*) - 130.
		Liabilities in Excess of Other Assets - (30.1%)
		Net Assets - 100.0%

* The cost and unrealized appreciation (depreciation) of investments as of November 30, 2007, as computed for federal income tax purposes, were as follows:

Aggregate cost	$ 441,371,761
Gross unrealized appreciation	$ 5,356,649
Gross unrealized depreciation	(33,117,107)
Net unrealized depreciation	$ (27,760,458)

(a) Convertible security.

(b) Floating rate security.

(c) Other interests represent beneficial interest in liquidation trusts and other reorganization entities and are non-income producing.

(d) Investments in companies considered to be an affiliate of the Fund, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

Affiliate	Net Activity	Interest Income
BlackRock Liquidity Series, LLC Cash Sweep Series	$ (1,092,453)	$ 167,727

(e) Non-income producing security.

(f) Non-income producing security; issuer filed for bankruptcy or is in default of interest payments.

(g) Represents a pay-in-kind security which may pay interest/dividends in additional face/shares.

(h) Represents the current yield as of November 30, 2007.

(i) Subject to principal paydowns.

(j) The security may be offered and sold to "qualified institutional buyers" under Rule 144A of the Securities Act of 1933.

(k) Warrants entitle the Fund to purchase a predetermined number of shares of common stock and are non-income producing. The purchase price and number of shares are subject to adjustment under certain conditions until the expiration date.

(l) Floating rate loan interests in which the Fund invests generally pay interest at rates that are periodically determined by reference to a base lending rate plus a premium. The 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 U.S. banks, or (iii) the certificate of deposit rate.

(m) As a result of bankruptcy proceedings, the company did not repay the principal amount of security upon maturity and is non-income producing.

- For Fund compliance purposes, the Fund's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Fund management. This definition may not apply for purposes of this report, which may combine industry sub-classifications for reporting ease. Industries are shown as a percent of net assets.

- Swaps outstanding as of November 30, 2007 were as follows:

	Notional Amount	Unrealized Appreciation (Depreciation)
Sold credit default protection on Ford Motor Credit Company and receive 2.05%		
Broker, Deutsche Bank AG London Expires March 2010	$ 5,000,000	$ (317,370)
Bought credit default protection on Frontier Drilling and pay 3.45%		
Broker, Lehman Brothers Special Finance Expires, September 2012	$ 1,750,000	42,716

Bought credit default protection on Frontier Drilling ASA and pay 4.00%		
Broker, Lehman Brothers Special Finance Expires, September 2012	$ 1,500,000	10,056
Total		$ (264,598)

Item 2 - Controls and Procedures

2(a) - The registrant's principal executive and principal financial officers or persons performing similar functions have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act")) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities and Exchange Act of 1934, as amended.

2(b) - There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 - Exhibits

Certifications - Attached hereto

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.

BlackRock Senior High Income Fund, Inc.

By: /s/ Donald C. Burke

Donald C. Burke,
Chief Executive Officer of
BlackRock Senior High Income Fund, Inc.

Date: January 16, 2008

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: /s/ Donald C. Burke

Donald C. Burke,
Chief Executive Officer (principal executive officer) of

BlackRock Senior High Income Fund, Inc.

Date: January 16, 2008

By: /s/ Neal J. Andrews

Neal J. Andrews,
Chief Financial Officer (principal financial officer) of
BlackRock Senior High Income Fund, Inc.

Date: January 16, 2008