### BLACKROCK SENIOR HIGH INCOME FUND, INC.

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Form N-PX
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August 27, 2009

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD 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: Anne Ackerley, Chief Executive Officer, BlackRock Senior High Income

Fund, Inc., 40 East 52 (nd) Street, New York City, NY 10022.

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

Date of fiscal year end: 02/28

Date of reporting period: 07/01/2008 -- 06/30/2009

Item 1 -- Proxy Voting Record -- Attached hereto.

Pursuant to the requirements of 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/ Anne Ackerley

Anne Ackerley

Chief Executive Officer of

BlackRock Senior High Income Fund, Inc.

Date: August 14, 2009

ICA File Number: 811-07456

Reporting Period: 07/01/2008 - 06/30/2009 BlackRock Senior High Income Fund, Inc.

======= BLACKROCK SENIOR HIGH INCOME FUND, INC. =========

AINSWORTH LUMBER CO LTD

Ticker: ANS Security ID: 009037201
Meeting Date: MAY 13, 2009 Meeting Type: Annual/Special

Record Date: APR 3, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Robert Chadwick	For	For	Management
1.2	Elect Director Jay Gurandiano	For	For	Management
1.3	Elect Director Paul Houston	For	For	Management
1.4	Elect Director Richard Huff	For	For	Management
1.5	Elect Director John Lacey	For	For	Management
1.6	Elect Director Gordon Lancaster	For	For	Management
1.7	Elect Director Jonathan I. Mishkin	For	For	Management
2	Approve Deloitte & Touche LLP as	For	For	Management
	Auditors and Authorize Board to Fix			
	Their Remuneration			
3	Approve Stock Option Plan	For	Against	Management

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AINSWORTH LUMBER CO LTD

Ticker: ANS Security ID: C01023206

Meeting Date: MAY 13, 2009 Meeting Type: Annual/Special

Record Date: APR 3, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Robert Chadwick	For	For	Management
1.2	Elect Director Jay Gurandiano	For	For	Management
1.3	Elect Director Paul Houston	For	For	Management
1.4	Elect Director Richard Huff	For	For	Management
1.5	Elect Director John Lacey	For	For	Management
1.6	Elect Director Gordon Lancaster	For	For	Management
1.7	Elect Director Jonathan I. Mishkin	For	For	Management
2	Approve Deloitte & Touche LLP as	For	For	Management
	Auditors and Authorize Board to Fix			
	Their Remuneration			
3	Approve Stock Option Plan	For	Against	Management

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#### EXCO RESOURCES, INC.

Ticker: XCO Security ID: 269279402 Meeting Date: JUN 4, 2009 Meeting Type: Annual

Record Date: APR 16, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Douglas H. Miller	For	For	Management
1.2	Elect Director Stephen F. Smith	For	For	Management
1.3	Elect Director Jeffrey D. Benjamin	For	For	Management
1.4	Elect Director Vincent J. Cebula	For	For	Management
1.5	Elect Director Earl E. Ellis	For	For	Management
1.6	Elect Director B. James Ford	For	For	Management
1.7	Elect Director T. Boone Pickens	For	Withhold	Management
1.8	Elect Director Jeffrey S. Serota	For	For	Management
1.9	Elect Director Robert L. Stillwell	For	For	Management
2	Amend Omnibus Stock Plan	For	For	Management
3	Ratify Auditors	For	For	Management

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#### MEDIS TECHNOLOGIES LTD.

Ticker: MDTL Security ID: 58500P107
Meeting Date: AUG 11, 2008 Meeting Type: Annual

Record Date: JUL 1, 2008

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Robert K. Lifton	For	Withhold	Management
1.2	Elect Director Howard Weingrow	For	Withhold	Management
1.3	Elect Director Jacob S. Weiss	For	Withhold	Management
1.4	Elect Director Amos Eiran	For	For	Management
1.5	Elect Director Zeev Nahmoni	For	For	Management
1.6	Elect Director Mitchell H. Freeman	For	For	Management
1.7	Elect Director Steve M. Barnett	For	For	Management
1.8	Elect Director Daniel A. Luchansky	For	For	Management
1.9	Elect Director Andrew A. Levy	For	For	Management
1.10	Elect Director Barry Newman	For	For	Management
2	Increase Authorized Common Stock	For	For	Management
3	Amend Omnibus Stock Plan	For	For	Management
4	Ratify Auditors	For	For	Management

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#### MEDIS TECHNOLOGIES LTD.

Ticker: MDTL Security ID: 58500P107 Meeting Date: DEC 23, 2008 Meeting Type: Special

Record Date: NOV 26, 2008

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1	Increase Authorized Common Stock	For	For	Management
2	Increase Authorized Preferred Stock	For	For	Management
3	Amend Omnibus Stock Plan	For	Against	Management

====== END NPX REPORT