EATON VANCE SENIOR FLOATING RATE TRUST Form N-CSRS June 26, 2008

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-21411

Eaton Vance Senior Floating-Rate Trust (Exact name of registrant as specified in charter)

The Eaton Vance Building, 255 State Street, Boston, Massachusetts (Address of principal executive offices)

02109 (Zip code)

Maureen A. Gemma
The Eaton Vance Building, 255 State Street, Boston, Massachusetts 02109
(Name and address of agent for service)

Registrant s telephone number, including area code: (617) 482-8260

Date of fiscal year

end: October 31

Date of reporting period: April 30, 2008

Item 1. Reports to Stockholders

Semiannual Report April 30, 2008

EATON VANCE SENIOR FLOATING-RATE TRUST

IMPORTANT NOTICES REGARDING PRIVACY, DELIVERY OF SHAREHOLDER DOCUMENTS, PORTFOLIO HOLDINGS AND PROXY VOTING

Privacy. The Eaton Vance organization is committed to ensuring your financial privacy. Each of the financial institutions identified below has in effect the following policy ("Privacy Policy") with respect to nonpublic personal information about its customers:

Only such information received from you, through application forms or otherwise, and information about your Eaton Vance fund transactions will be collected. This may include information such as name, address, social security number, tax status, account balances and transactions.

None of such information about you (or former customers) will be disclosed to anyone, except as permitted by law (which includes disclosure to employees necessary to service your account). In the normal course of servicing a customer's account, Eaton Vance may share information with unaffiliated third parties that perform various required services such as transfer agents, custodians and broker/dealers.

Policies and procedures (including physical, electronic and procedural safeguards) are in place that are designed to protect the confidentiality of such information.

We reserve the right to change our Privacy Policy at any time upon proper notification to you. Customers may want to review our Policy periodically for changes by accessing the link on our homepage: www.eatonvance.com.

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, Boston Management and Research, and Eaton Vance Distributors, Inc.

In addition, our Privacy Policy only applies to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer's account (i.e., fund shares) is held in the name of a third-party financial adviser/broker-dealer, it is likely that only such adviser's privacy policies apply to the customer. This notice supersedes all previously issued privacy disclosures.

For more information about Eaton Vance's Privacy Policy, please call 1-800-262-1122.

Delivery of Shareholder Documents. The Securities and Exchange Commission (the "SEC") permits funds to deliver only one copy of shareholder documents, including prospectuses, proxy statements and shareholder reports, to fund investors with multiple accounts at the same residential or post office box address. This practice is often called "householding" and it helps eliminate duplicate mailings to shareholders.

Eaton Vance, or your financial adviser, may household the mailing of your documents indefinitely unless you instruct Eaton Vance, or your financial adviser, otherwise.

If you would prefer that your Eaton Vance documents not be householded, please contact Eaton Vance at 1-800-262-1122, or contact your financial adviser.

Your instructions that householding not apply to delivery of your Eaton Vance documents will be effective within 30 days of receipt by Eaton Vance or your financial adviser.

Portfolio Holdings. Each Eaton Vance Fund and its underlying Portfolio (if applicable) will file a schedule of its portfolio holdings on Form N-Q with the SEC for the first and third quarters of each fiscal year. The Form N-Q will be available on the Eaton Vance website www.eatonvance.com, by calling Eaton Vance at 1-800-262-1122 or in the EDGAR database on the SEC's website at www.sec.gov. Form N-Q may also be reviewed and copied at the SEC's public reference room in Washington, D.C. (call 1-800-732-0330 for information on the operation of the public reference room).

Proxy Voting. From time to time, funds are required to vote proxies related to the securities held by the funds. The Eaton Vance Funds or their underlying Portfolios (if applicable) vote proxies according to a set of policies and procedures approved by the Funds' and Portfolios' Boards. You may obtain a description of these policies and procedures and information on how the Funds or Portfolios voted proxies relating to portfolio securities during the most recent 12 month period ended June 30, without charge, upon request, by calling 1-800-262-1122. This description is also available on the SEC's website at www.sec.gov.

Eaton Vance Senior Floating-Rate Trust as of April 30, 2008
INVESTMENT UPDATE
Scott H. Page, CFA Co-Portfolio Manager
Peter M. Campo, CFA Co-Portfolio Manager
Economic and Market Conditions
• The price dislocation in credit markets that began in the second half of 2007 worsened during the first quarter of 2008. What began as a reaction to the unrelated but growing subprime mortgage problem, grew into a substantial market-wide sell-off that affected not just the loan market but other fixed income and equity asset classes as well. This turmoil led to the collapse of Bear Stearns, and the Federal Reserve s unprecedented action to provide liquidity to the broader market to avert a possible risk of financial market collapse. The impact on the bank loan asset class was

significant and unprecedented. Average loan prices, which had fallen about 4-5% by December 2007, declined a further 7-8% by mid-February before recovering somewhat by the end of that month. Along with the tentative return

of market confidence, loan prices have been rising steadily since mid-March 2008 and, as of April 30, 2008, were up approximately 4-5% from their mid-February bottom. Management is cautiously optimistic that the worst is behind us.

•	Notwithstanding the market turmoil, management believes that the bank loan asset class fundamentals remain
relative	ely benign. Default rates in the market place have increased to 1%, but remain well below historical averages of
3%. A	ecording to S&P s Leveraged Commentary & Data, the market expectations are for default rates to reach 5% in
2008 a	nd 2009. While default risks have certainly increased in the past several months due to the weakening
econor	ny, management believes they are contained and are already priced into the asset class. Actual realized credit
losses	from defaulted loans during the six months ended April 30, 2008 were minimal.

Craig P. Russ Co-Portfolio Manager

Management Discussion

- The Trust s investment objective is to seek to provide a high level of current income. As a secondary objective, it may also seek preservation of capital to the extent consistent with its primary goal of high current income. Under normal market conditions, the Trust invests at least 80% of its total assets in senior, secured floating-rate loans (senior loans). In managing the Trust, the investment adviser seeks to invest in a portfolio of senior loans that will be less volatile over time than the general loan market. The Trust may also invest in second lien loans and high yield bonds, and, as discussed on the next page, may employ leverage, which may increase risk.
- The Trust s investments included senior loans to 450 borrowers spanning 39 industries on April 30, 2008, with an average loan size of 0.20% of total investments, and no industry constituting more than 9% of total investments. Health care, business equipment and services, cable and satellite television, publishing, and chemicals and plastics were the top industry weightings.
- The Trust continues to have less than 1% exposure to home builders. The Trust did not have any exposure to subprime or prime mortgage lenders during the six-month period ended April 30, 2008.

• The Trust s net asset value declined in November 2007 through February 2008, as the dimensions of the credit crises widened, before rebounding in March and April 2008 reflecting conditions in the broader market. The Trust underperformed its benchmark during the period primarily due to the use of

Eaton Vance Senior Floating-Rate Trust

Total Return Performance 10/31/07 4/30/08

NYSE Symbol		F	EFR
At Market(1)			-3.35%
At Net Asset Value(1)			-6.74%
S&P/LSTA Leveraged Loan Index(2)			-3.31%
Total Distributions per share		\$	0.686
Distribution Rate(3)	At Market		7.54%
	At NAV		7.11%

Please refer to page 3 for additional performance information.

- (1) Performance results reflect the effect of leverage resulting from the Trust's issuance of Auction Preferred Shares.
- (2) It is not possible to invest directly in an Index. The Index s total return reflects changes in value of the loans constituting the Index and accrual of interest and does not reflect the commissions or expenses that would have been incurred if an investor individually purchased or sold the loans represented in the Index. Unlike the Trust, the Index s return does not reflect the effect of leverage.
- (3) The Distribution Rate is based on the Trust s most recent monthly distribution per share (annualized) divided by the Trust s NAV or market price at the end of the period. The Trust s monthly distributions may be comprised of ordinary income, net realized capital gains and return of capital.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Trust's performance at market share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share price can also be affected by factors such as changing perceptions about the Trust, market conditions, fluctuations in supply and demand for the Trust's shares, or changes in Trust distributions. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Trust's current

performance may be lower or higher than the quoted return. Absent an expense waiver by the investment adviser, returns would be lower. For performance as of the most recent month end, please refer to www.eatonvance.com.

Trust shares are not insured by the FDIC and are not deposits or other obligations of, or guaranteed by, any depository institution. Shares are subject to investment risks, including possible loss of principal invested.

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leverage. Unlike the	Trust, the Index	s return does not	reflect the	effect of leverage.
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- As of April 30, 2008, the Trust had leverage in the amount of approximately 42.5% of the Trust s total assets. The Trust employs leverage though the issuance of Auction Preferred Shares (APS).(1) Use of financial leverage creates an opportunity for increased income but, at the same time, creates special risks (including the likelihood of greater volatility of net asset value and market price of common shares). The cost of the Trust s APS rises and falls with changes in short-term interest rates. Such increases/ decreases in cost of the Trust s APS may be offset by increased/decreased income from the Trust s senior loan investments.
- As has been widely reported since mid-February 2008, the normal functioning of the auction market in the U.S. for certain types of auction rate securities has been disrupted by an imbalance between buy and sell orders. Consistent with patterns in the broader market for auction rate securities, the Trust has, since mid-February, experienced unsuccessful APS auctions. In the event of an unsuccessful auction, the affected APS shares remain outstanding, and the dividend rate reverts to the specified maximum payable rate.
- As of May 7, 2008, the Trust redeemed two-thirds of its outstanding APS, representing 10,508 shares and \$262,700,000 in liquidation preferences, through debt financing. The Trust was not required to sell portfolio holdings, and the cost to the Trust of the new debt leverage is expected, over time, to be lower than the total cost of the APS based on the maximum applicable dividend rates that apply when auctions do not clear.
- Effective January 30, 2008. Peter M. Campo assumed co-portfolio management responsibilities for Eaton Vance Senior Floating-Rate Trust. Mr. Campo joined Eaton Vance in 2003 as an analyst in the bank loan group, and has been a Vice President since 2005. Previously, Mr. Campo worked as a bank loan analyst at CypressTree Investment Management.

Portfolio Composition

Top Ten Holdings(2)

By total investments

⁽¹⁾ In the event of a rise in long-term interest rates, the value of the Trust's investment portfolio could decline, which would reduce the asset coverage for its Auction Preferred Shares.

Sungard Data Systems, Inc.	1.3%
Charter Communications Operating, Inc.	1.2
Univision Communications, Inc.	1.1
WMG Acquisition Corp.	1.1
Idearc, Inc.	0.9
UPC Broadband Holding B.V.	0.9
Georgia-Pacific Corp.	0.9
HCA, Inc.	0.8
Community Health Systems, Inc.	0.8
Nielson Finance, LLC	0.8

⁽²⁾ Reflects the Trust s investments as of 4/30/08. Holdings are shown as a percentage of the Trust s total investments.

Top Five Industries(3)

By total investments

Health Care	9.0%
Business Equipment and Services	6.8
Cable and Satellite Television	6.7
Publishing	6.6
Chemicals and Plastics	6.2

⁽³⁾ Reflects the Trust s investments as of 4/30/08. Industries are shown as a percentage of the Trust s total investments.

Credit Quality Ratings for Total Loan Investments(4)

By total loan investments

Baa	0.8%
Ba	51.3
В	31.0
Caa	3.0
Non-Rated(5)	13.9

Credit Quality ratings are those provided by Moody s Investor Services, Inc., a nationally recognized bond rating service. Reflects the Trust s total loan investments as of 4/30/08.

(5) Certain loans in which the Trust invests are not rated by a rating agency. In management s opinion, such securities are comparable to securities rated by a rating agency in the categories listed above.

The views expressed throughout this report are those of the portfolio managers and are current only through the end of the period of the report as stated on the cover. These views are subject to change at any time based upon market or other conditions, and Eaton Vance disclaims any responsibility to update such views. These views may not be relied on as investment advice and, because investment decisions for an Eaton Vance fund are based on many factors, may not be relied on as an indication of trading intent on behalf of any Eaton Vance fund. Portfolio information provided in the report may not be representative of current or future investments and may change due to active management.

Eaton Vance Senior Floating-Rate Trust a s of April 30, 2008

FUND PERFORMANCE

Trust Performance(1)

New York Stock Exchange Symbol	EFR
Average Annual Total Return (by share price, NYSE)	
Six Months	-3.35%
One Year	-14.72
Life of Trust (11/28/03)	1.96
Average Annual Total Return (at net asset value)	
Six Months	-6.74%
One Year	-7.75
Life of Trust (1 1/28/03)	3.33

⁽¹⁾ Performance results reflect the effect of leverage resulting from the Trust's issuance of Auction Preferred Shares.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Trust s performance at market share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share price can also be affected by factors such as changing perceptions about the Trust, market conditions, fluctuations in supply and demand for the Trust s shares, or changes in Trust distributions. Investment return and principal value will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Trust s current performance may be lower or higher than the quoted return. Absent an expense waiver by the investment adviser, the returns would be lower. For performance as of the most recent month end, please refer to www.eatonvance.com.

Eaton Vance Senior Floating-Rate Trust as of April 30, 2008

PORTFOLIO OF INVESTMENTS (Unaudited)

Senior Floating-Rate Interests 157.5%			
Principal			
Amount*		Borrower/Tranche Description	Value
Acres Acres Tasks in Surger to Samina La			
ACTS Aero Technical Support & Service, Inc.		Term Loan, 5.96%, Maturing October	
	709,366	5, 2014	\$ 595,868
AWAS Capital, Inc.		T 1 4200/ M 1 1 M 1	
	1,000,000	Term Loan, 4.38%, Maturing March 22, 2013	861,250
Colt Defense, LLC	,,		, , ,
	007.000	Term Loan, 6.11%, Maturing July 9,	012 410
24F 4 1 2 1 1 1 1 1 1	986,389	2014	912,410
DAE Aviation Holdings, Inc.		Term Loan, 6.52%, Maturing July 31,	
	416,490	2014	409,852
	413,692	Term Loan, 6.65%, Maturing July 31, 2014	407,099
Evergreen International Aviation	713,072	2017	707,022
2.0.5.001 International Aviation		Term Loan, 7.75%, Maturing October	
	1,391,630	31, 2011	1,238,551
Hawker Beechcraft Acquisition		Term Loan, 4.70%, Maturing March	
	200,822	26, 2014	191,973
	2 446 007	Term Loan, 4.70%, Maturing March	2 204 255
Hexcel Corp.	3,446,097	26, 2014	3,294,255
iexter Corp.		Term Loan, 4.54%, Maturing March	
	820,506	1, 2012	795,891
AP Worldwide Services, Inc.		Town Loop 0.000/ Motoring	
	953,063	Term Loan, 9.00%, Maturing December 30, 2012	795,807
Spirit AeroSystems, Inc.			
	1 (05 700	Term Loan, 4.57%, Maturing	1.706.641
Carana Diagrama In a	1,605,708	December 31, 2011	1,586,641
FransDigm, Inc.		Term Loan, 4.66%, Maturing June 23,	
	1,625,000	2013	1,553,906
Vought Aircraft Industries, Inc.		T 5 120/ No. 1	
	2,118,165	Term Loan, 5.12%, Maturing December 17, 2011	2,000,782
Wesco Aircraft Hardware Corp.			. ,
•	1 140 600	Term Loan, 4.95%, Maturing	1 117 151
	1,142,688	September 29, 2013	1,117,454
Air Transport 0.0%			\$ 15,761,739
Air Transport 0.9% Airport Development and Investment, Ltd.			
An port Development and investment, Ltd.		Term Loan, 9.94%, Maturing April 7,	
GBP	982,900	2011	\$ 1,698,177
Delta Air Lines, Inc.		T 1 (150/ M / ' A ')	
	1,191,000	Term Loan, 6.15%, Maturing April 30, 2014	952,800
Northwest Airlines, Inc.	, . ,	,	,

	500,000	DIP Loan, Maturing August 21, 2008 ⁽²⁾	415,000
	500,000	DIP Loan, 4.72%, Maturing August	413,000
	2,079,000	21, 2008	1,832,598
			\$ 4,898,575
Principal			
Amount* Automotive 6.0%		Borrower/Tranche Description	Value
Accuride Corp.			
Accurace Corp.		Term Loan, 6.24%, Maturing January	
	1,957,967	31, 2012	\$ 1,899,228
Adesa, Inc.		Term Loan, 4.95%, Maturing October	
	4,193,313	18, 2013	3,986,268
Affina Group, Inc.			
	1,370,985	Term Loan, 5.90%, Maturing November 30, 2011	1,220,177
Allison Transmission, Inc.	1,370,983	November 30, 2011	1,220,177
		Term Loan, 5.57%, Maturing	
	2,985,000	September 30, 2014	2,805,634
AxleTech International Holding, Inc.		Term Loan, 9.19%, Maturing April	
	1,750,000	21, 2013	1,618,750
Chrysler Financial			
	1,496,241	Term Loan, 6.80%, Maturing August 1, 2014	1,365,528
CSA Acquisition Corp.	1,490,241	1, 2014	1,303,326
Contricquisition corp.		Term Loan, 5.25%, Maturing	
	357,460	December 23, 2011 Term Loan, 5.25%, Maturing	344,949
	893,298	December 23, 2011	862,032
	499.750	Term Loan, 5.25%, Maturing	471 (44
Davas Products IIC	488,750	December 23, 2012	471,644
Dayco Products, LLC		Term Loan, 7.35%, Maturing June 21,	
	1,748,610	2011	1,383,588
Delphi Corp.		DID Loop 6 99% Maturing July 1	
	1,000,000	DIP Loan, 6.88%, Maturing July 1, 2008	1,006,429
Ford Motor Co.			
	1,752,813	Term Loan, 5.80%, Maturing December 15, 2013	1,615,052
General Motors Corp.	1,732,813	December 13, 2013	1,015,052
General Motors Corp.		Term Loan, 5.06%, Maturing	
	3,414,312	November 29, 2013	3,216,388
Goodyear Tire & Rubber Co.		Term Loan, 4.54%, Maturing April	
	2,400,000	30, 2010	2,280,000
HLI Operating Co., Inc.			
EUR	109,091	Term Loan, 4.26%, Maturing May 30, 2014	147,764
	107,071	Term Loan, 7.39%, Maturing May 30,	17/,/04
EUR	1,876,727	2014	2,542,033
Keystone Automotive Operations, Inc.		Term Loan, 6.30%, Maturing January	
	1,343,859	12, 2012	1,081,807
LKQ Corp.			
	971,251	Term Loan, 4.97%, Maturing October 12, 2014	963,966
TriMas Corp.	711,431	12, 2014	703,700
Tinvias Corp.			

		Term Loan, 5.39%, Maturing August	
	234,375	2, 2011	216,797
		Term Loan, Maturing August 2,	
	1,000,000	2013(2)	915,000
		Term Loan, 5.16%, Maturing August	
	1,000,391	2, 2013	935,361
United Components, Inc.			
		Term Loan, 5.05%, Maturing June 30,	
	1,137,153	2010	1,101,617
			\$ 31,980,012

See notes to financial statements

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Eaton Vance Senior Floating-Rate Trust as of April 30, 2008

PORTFOLIO OF INVESTMENTS (Unaudited) CONT'D

Principal Amount*		Borrower/Tranche Description	Value
Beverage and Tobacco 0.1%		•	
Culligan International Co.			
EUR	975,000	Term Loan, 9.12%, Maturing May 31, 2013	\$ 812,118
			\$ 812,118
Brokers, Dealers and Investment Houses	0.1%		
AmeriTrade Holding Corp.			
	730,172	Term Loan, 4.37%, Maturing December 31, 2012	\$ 714,591
			\$ 714,591
Building and Development 5.8%			
Beacon Sales Acquisition, Inc.		T 1740 No. 1	
	1,182,000	Term Loan, 4.74%, Maturing September 30, 2013	\$ 972,195
Brickman Group Holdings, Inc.			
	1,212,750	Term Loan, 4.70%, Maturing January 23, 2014	1,136,953
Building Materials Corp. of America			
	1,407,276	Term Loan, 5.69%, Maturing February 22, 2014	1,184,458
Capital Automotive (REIT)	1,107,270	22, 2011	1,101,130
Capital Automotive (REIT)		Term Loan, 4.46%, Maturing	
	1,232,598	December 16, 2010	1,195,428
Epco/Fantome, LLC		Town Loop 5 400/ Maturina	
	1,403,000	Term Loan, 5.49%, Maturing November 23, 2010	1,219,277
Forestar USA Real Estate Group, Inc.			
	1,550,000	Term Loan, 0.00%, Maturing December 1, 2010 ⁽³⁾	1,457,000
	1.550.000	Term Loan, 6.72%, Maturing	1 400 000
H . H.I. H.C	1,550,000	December 1, 2010	1,488,000
Hovstone Holdings, LLC		Term Loan, 7.27%, Maturing February	
	894,412	28, 2009	750,590
LNR Property Corp.			
	1,144,000	Term Loan, 6.36%, Maturing July 3, 2011	957,743
Metroflag BP, LLC			
	500,000	Term Loan, 11.80%, Maturing July 1, 2008	412,500
Mueller Water Products, Inc.	200,000		112,000
Marie Product, and	1,780,255	Term Loan, 4.62%, Maturing May 24, 2014	1,662,313
NCI Building Systems, Inc.			
	553,061	Term Loan, 4.33%, Maturing June 18, 2010	532,321
Nortek, Inc.			
	2,697,151	Term Loan, 5.30%, Maturing August 27, 2011	2,440,921
November 2005 Land Investors			
	305,720	Term Loan, 6.86%, Maturing May 9, 2011	229,290

Panolam Industries Holdings, Inc.			
ranomin industries Holdings, IIIC.		Term Loan, 5.44%, Maturing	
	1,000,288	September 30, 2012	830,239
PLY GEM Industries, Inc.		Town Loon 5 450 Materia - Accord	
	1,837,104	Term Loan, 5.45%, Maturing August 15, 2011	1,583,191
	57.461	Term Loan, 5.45%, Maturing August	40.510
	57,461	15, 2011	49,519
Principal Amount*		Borrower/Tranche Description	Value
Building and Development (continued)		Borrower/ Trailenc Description	varue
Re/Max International, Inc.		Term Loan, 6.23%, Maturing	
	690,472	December 17, 2012	\$ 597,258
		Term Loan, 10.23%, Maturing	
	495,179	December 17, 2012	428,329
Realogy Corp.		T	
	894,755	Term Loan, 6.14%, Maturing September 1, 2014	767,951
	074,/33	Term Loan, 5.72%, Maturing	707,931
	3,323,370	September 1, 2014	2,852,386
South Edge, LLC			
	505 500	Term Loan, 7.25%, Maturing October	40 5 12 2
	787,500	31, 2009	496,125
Tousa/Kolter, LLC		T	
	1,297,200	Term Loan, 6.00%, Maturing March 31, 2031 ⁽¹⁰⁾	727,210
TRU 2005 RE Holding Co.	1,277,200	31, 2031	727,210
TKO 2003 KE Holding Co.		Term Loan, 5.71%, Maturing	
	4,600,000	December 9, 2008	4,255,000
Jnited Subcontractors, Inc.			
		Term Loan, 12.21%, Maturing June	
	825,000	27, 2013 ⁽⁴⁾	412,500
Wintergames Acquisition ULC		T I (140) M	
	2,605,948	Term Loan, 6.14%, Maturing April 24, 2009	2,482,166
	2,003,710	2007	\$ 31,120,863
Dunium - Frankon			\$ 51,120,005
Business Equipment and Services 11.1%			
ACCO Brands Corp.		Term Loan, 4.53%, Maturing August	
	1,017,825	17, 2012	\$ 974,567
Activant Solutions, Inc.	. ,		
, , , , , , , , , , , , , , , , , , , ,	500,000	Term Loan, Maturing May 1, 2013 ⁽²⁾	437,500
	500,000	Term Loan, 4.76%, Maturing May 1,	457,500
	721,446	2013	634,318
Affiliated Computer Services			
	0.104.000	Term Loan, 4.79%, Maturing March	
	2,136,938	20, 2013 Torm Loop, 4,80%, Motoring Moreh	2,065,316
	806,437	Term Loan, 4.89%, Maturing March 20, 2013	779,409
Affinion Group, Inc.			,
		Term Loan, 5.56%, Maturing October	
	2,402,406	17, 2012	2,270,274
Allied Security Holdings, LLC			
	1.000.005	Term Loan, 5.87%, Maturing June 30,	4.40.0:-
	1,228,037	2010	1,148,215
DynCorp International, LLC		Torm Loop 4 620/ Motivaine Eshaver	
	1,070,836	Term Loan, 4.63%, Maturing February 11, 2011	1,029,341
Education Management, LLC	1,070,030	11, 2011	1,027,371
Aucanon Management, LLC			

	1,000,000	Term Loan, Maturing June 1, 2013 ⁽²⁾	880,000
	,,,,,,,	Term Loan, 4.50%, Maturing June 1,	,
	3,702,991	2013	3,326,237
Info USA, Inc.			
		Term Loan, 4.70%, Maturing February	
	611,016	14, 2012	586,575
Intergraph Corp.			
		Term Loan, 5.08%, Maturing May 29,	
	1,000,000	2014	945,833
		Term Loan, 9.09%, Maturing	
	1,000,000	November 29, 2014	936,250
iPayment, Inc.			
		Term Loan, 4.70%, Maturing May 10,	
	1,652,867	2013	1,371,880

See notes to financial statements

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Eaton Vance Senior Floating-Rate Trust as of April 30, 2008

PORTFOLIO OF INVESTMENTS (Unaudited) CONT'D

Principal Amount*		Borrower/Tranche Description	Value
Business Equipment and Services (continued)		•	
ista International GmbH			
EUR	1,063,683	Term Loan, 6.77%, Maturing May 14, 2015	\$ 1,398,670
EUR	211,317	Term Loan, 6.77%, Maturing May 14, 2015	277,867
Kronos, Inc.			
	1,083,893	Term Loan, 4.95%, Maturing June 11, 2014	987,697
Language Line, Inc.			
	2,072,233	Term Loan, 5.95%, Maturing June 11, 2011	1,921,996
Mitchell International, Inc.		T. J. 7046 W W. 1	
	1,000,000	Term Loan, 7.94%, Maturing March 28, 2015	955,000
N.E.W. Holdings I, LLC			
	1,000,000	Term Loan, Maturing May 22, 2014 ⁽²⁾ Term Loan, 5.43%, Maturing May 22,	870,000
	981,955	2014	832,004
Protection One, Inc.		Term Loan, 5.23%, Maturing March	
	900,560	31, 2012	778,984
Quantum Corp.			
	361,250	Term Loan, 6.20%, Maturing July 12, 2014	326,931
Quintiles Transnational Corp.			
	1,700,000	Term Loan, 6.70%, Maturing March 31, 2014	1,623,500
Sabre, Inc.		T	
	6,057,297	Term Loan, 4.88%, Maturing September 30, 2014	5,141,512
Serena Software, Inc.		Tama I and A 600 Material Manale	
	480,000	Term Loan, 4.68%, Maturing March 10, 2013	434,400
Sitel (Client Logic)			
	1,995,594	Term Loan, 5.14%, Maturing January 29, 2014	1,446,806
Solera Holdings, LLC			
EUR	774,936	Term Loan, 6.63%, Maturing May 15, 2014	1,103,945
SunGard Data Systems, Inc.		T 4.00% M	
	12,742,206	Term Loan, 4.88%, Maturing February 11, 2013	12,100,751
TDS Investor Corp.			
	1,000,000	Term Loan, Maturing August 23, 2013 ⁽²⁾	905,000
	269,897	Term Loan, 4.95%, Maturing August 23, 2013	249,452
	1,345,107	Term Loan, 5.11%, Maturing August 23, 2013	1,262,465
EUR	1,054,228	Term Loan, 6.98%, Maturing August 23, 2013	1,464,884
Transaction Network Services, Inc.			

	616,170	Term Loan, 4.72%, Maturing May 4, 2012	569,957
Valassis Communications, Inc.	010,170	2012	309,937
,,	1,152,685	Term Loan, 4.45%, Maturing March 2, 2014	1,075,359
	238,601	Term Loan, 6.00%, Maturing March 2, 2014	222,595
VWR International, Inc.			
	1,625,000	Term Loan, 5.20%, Maturing June 28, 2013	1,519,375
WAM Acquisition, S.A.		Term Loan, 6.96%, Maturing May 4,	
EUR	245,946	2014	358,677
EUR	148,939	Term Loan, 6.96%, Maturing May 4, 2014	217,206
EUR	245,946	Term Loan, 7.21%, Maturing May 4, 2015	358,677
EUR	148,939	Term Loan, 7.21%, Maturing May 4, 2015	217,206
Principal			
Amount* Business Equipment and Services (continued)		Borrower/Tranche Description	Value
West Corp.			
west corp.	2.406.061	Term Loan, 5.28%, Maturing October	ф. 2.122.010
	3,406,961	24, 2013	\$ 3,122,810 \$ 59,129,441
Cable and Satellite Television 11.4%			\$ 39,129, 44 1
Atlantic Broadband Finance, LLC			
		Term Loan, 4.95%, Maturing	
	4,219,612	February 10, 2011	\$ 3,939,008
Bragg Communications, Inc.		Term Loan, 5.59%, Maturing August	
	2,139,250	31, 2014	2,139,250
Bresnan Broadband Holdings, LLC		Tama I and 5 020 Materia Manala	
	500,000	Term Loan, 5.02%, Maturing March 29, 2014	458,375
	1,200,000	Term Loan, 7.47%, Maturing March 29, 2014	1,080,000
Cequel Communications, LLC	, ,		
-	498,741	Term Loan, 4.76%, Maturing November 5, 2013	455,974
	490,741	Term Loan, 7.74%, Maturing May 5,	433,974
	1,550,000	2014 Term Loan, 9.24%, Maturing May 5,	1,259,375
	3,531,926	2014	2,818,477
Charter Communications Operating, Inc.			
	12,088,511	Term Loan, 4.90%, Maturing April 28, 2013	10,708,402
CSC Holdings, Inc.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,, . _
	4,978,069	Term Loan, 4.48%, Maturing March	4,806,948
CW Media Holdings, Inc.	4,970,009	29, 2013	4,000,748
C. Friedra Holdings, inc.		Term Loan, 5.95%, Maturing	605.513
Insight Midwest Holdings LLC	621,875	February 15, 2015	603,219
Insight Midwest Holdings, LLC		Term Loan, 4.69%, Maturing April 6,	
	3,594,375	2014	3,426,852
Mediacom Broadband Group		Term Loan, 4.52%, Maturing January	
	5,821,757	31, 2015	5,312,353
Mediacom Illinois, LLC			

	1,000,000	Term Loan, Maturing January 31, 2015 ⁽²⁾	917,500
	1,000,000	Term Loan, 4.52%, Maturing January	917,300
	2,749,941	31, 2015	2,473,853
NTI I I II	2,7 13,3 11	51, 2015	2,175,655
NTL Investment Holdings, Ltd.		Town Loon 4 040/ Metarine Merch	
	2,213,852	Term Loan, 4.94%, Maturing March 30, 2012	2,038,588
GBP	471,050	Term Loan, 7.68%, Maturing March 30, 2012	870,315
GBP	239,517	Term Loan, 7.68%, Maturing March 30, 2012	442,533
Orion Cable GmbH		,	1.2,000
Offoli Cable Gilloff		Term Loan, 7.44%, Maturing October	
EUR	1,075,000	31, 2014	1,589,685
EUR	1,075,000	Term Loan, 7.64%, Maturing October 31, 2015	1,590,881
ProSiebenSat.1 Media AG	,,	, , , ,	,,
11051cbcli5at.1 Wedia AG		Term Loan, 6.74%, Maturing March	
EUR	608,000	2, 2015	680,760
		Term Loan, 6.25%, Maturing June 26,	
EUR	11,076	2015	14,133
		Term Loan, 6.25%, Maturing June 26,	
EUR	272,924	2015	348,253
ETID	600,000	Term Loan, 6.96%, Maturing March	600.760
EUR	608,000	2, 2016	680,760
EUR	575,000	Term Loan, 8.15%, Maturing September 2, 2016	495,353
		Term Loan, 7.90%, Maturing March	,
EUR	380,637	2, 2017	317,542