

EATON VANCE SENIOR FLOATING RATE TRUST
Form N-Q
March 30, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-Q

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

811-21411

Investment Company Act File Number

Eaton Vance Senior Floating-Rate Trust

(Exact Name of Registrant as Specified in Charter)

Two International Place, Boston, Massachusetts 02110

(Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place, Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(Registrant's Telephone Number, Including Area Code)

October 31

Date of Fiscal Year End

January 31, 2016

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance

Senior Floating-Rate Trust

January 31, 2016

PORTFOLIO OF INVESTMENTS (Unaudited)

Senior Floating-Rate Loans 141.6%⁽¹⁾

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Aerospace and Defense 1.8%		
BE Aerospace, Inc.		
Term Loan, 4.00%, Maturing December 16, 2021	962	\$ 963,194
IAP Worldwide Services, Inc.		
Revolving Loan, Maturing July 18, 2018 ⁽²⁾	311	281,416
Term Loan - Second Lien, 8.00%, Maturing July 18, 2019 ⁽³⁾	424	339,352
Silver II US Holdings, LLC		
Term Loan, 4.00%, Maturing December 13, 2019	1,767	1,470,689
Transdigm, Inc.		
Term Loan, 3.75%, Maturing February 28, 2020	4,178	4,090,986
Term Loan, 3.75%, Maturing June 4, 2021	1,798	1,747,440
		\$ 8,893,077
Air Transport 0.4%		
Virgin America, Inc.		
Term Loan, 4.50%, Maturing April 4, 2019	2,350	\$ 1,935,460
		\$ 1,935,460
Automotive 3.9%		
Affinia Group Intermediate Holdings, Inc.		
Term Loan, 4.75%, Maturing April 27, 2020	1,031	\$ 1,031,162
Allison Transmission, Inc.		
Term Loan, 3.50%, Maturing August 23, 2019	2,778	2,771,775
Chrysler Group, LLC		
Term Loan, 3.50%, Maturing May 24, 2017	2,846	2,835,012
Term Loan, 3.25%, Maturing December 31, 2018	2,063	2,050,613
CS Intermediate Holdco 2, LLC		
Term Loan, 4.00%, Maturing April 4, 2021	640	614,640
Dayco Products, LLC		
Term Loan, 5.25%, Maturing December 12, 2019	983	972,061
Federal-Mogul Holdings Corporation		
Term Loan, 4.75%, Maturing April 15, 2021	3,866	3,124,312
Horizon Global Corporation		
Term Loan, 7.00%, Maturing May 11, 2022	463	446,916
MPG Holdco I, Inc.		
Term Loan, 3.75%, Maturing October 20, 2021	2,102	2,026,719
Schaeffler AG		
Term Loan, 4.25%, Maturing May 15, 2020	347	347,863
TI Group Automotive Systems, LLC		
Term Loan, 4.50%, Maturing June 30, 2022	EUR 798	853,668

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Term Loan, 4.50%, Maturing June 30, 2022	1,197	1,165,579
Tower Automotive Holdings USA, LLC		
Term Loan, 4.00%, Maturing April 23, 2020	646	619,963
Visteon Corporation		
Term Loan, 3.50%, Maturing April 9, 2021	627	623,458
		\$ 19,483,741
Beverage and Tobacco 0.4%		
Flavors Holdings, Inc.		
Term Loan, 6.75%, Maturing April 3, 2020	1,231	\$ 1,115,385
Term Loan - Second Lien, 11.00%, Maturing October 3, 2021	1,000	875,000
		\$ 1,990,385

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Brokerage/Securities Dealers/Investment Houses 0.3%		
Astro AB Borrower, Inc.		
Term Loan, 5.50%, Maturing April 30, 2022	323	\$ 320,950
Term Loan - Second Lien, 9.75%, Maturing March 3, 2023	275	259,875
Salient Partners L.P.		
Term Loan, 7.50%, Maturing May 19, 2021	788	764,360
		\$ 1,345,185
Building and Development 3.1%		
ABC Supply Co., Inc.		
Term Loan, 3.50%, Maturing April 16, 2020	991	\$ 983,010
Auction.com, LLC		
Term Loan, 6.00%, Maturing May 8, 2022	1,017	1,008,411
CPG International, Inc.		
Term Loan, 4.75%, Maturing September 30, 2020	611	574,281
DTZ U.S. Borrower, LLC		
Term Loan, 4.25%, Maturing November 4, 2021	2,587	2,521,246
Gates Global, Inc.		
Term Loan, 4.25%, Maturing July 5, 2021	4,466	4,034,409
Headwaters, Incorporated		
Term Loan, 4.50%, Maturing March 24, 2022	199	199,000
Quikrete Holdings, Inc.		
Term Loan, 4.00%, Maturing September 28, 2020	922	915,519
Term Loan - Second Lien, 7.00%, Maturing March 26, 2021	1,350	1,346,625
RE/MAX International, Inc.		
Term Loan, 4.25%, Maturing July 31, 2020	1,498	1,479,017
Realogy Corporation		
Term Loan, 3.75%, Maturing March 5, 2020	973	967,989
Summit Materials Companies I, LLC		
Term Loan, 4.25%, Maturing July 17, 2022	622	613,584
WireCo WorldGroup, Inc.		
Term Loan, 6.00%, Maturing February 15, 2017	572	556,496
		\$ 15,199,587
Business Equipment and Services 9.8%		
Acosta Holdco, Inc.		
Term Loan, 4.25%, Maturing September 26, 2021	3,308	\$ 3,159,379
AlixPartners, LLP		
Term Loan, 4.50%, Maturing July 28, 2022	599	594,759
Altisource Solutions S.a.r.l.		
Term Loan, 4.50%, Maturing December 9, 2020	2,260	1,910,061
BakerCorp International, Inc.		
Term Loan, 4.25%, Maturing February 14, 2020	814	695,934
Brickman Group Ltd., LLC		
Term Loan, 4.00%, Maturing December 18, 2020	809	785,719
Brock Holdings III, Inc.		
Term Loan, 6.00%, Maturing March 16, 2017	1,033	961,030
CCC Information Services, Inc.		
Term Loan, 4.00%, Maturing December 20, 2019	413	403,443
Ceridian, LLC		
Term Loan, 4.50%, Maturing September 15, 2020	612	537,020
Corporate Capital Trust, Inc.		
Term Loan, 4.00%, Maturing May 15, 2019	933	914,708
CPM Holdings, Inc.		

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Term Loan, 6.00%, Maturing April 11, 2022	274	270,889
Crossmark Holdings, Inc.		
Term Loan, 4.50%, Maturing December 20, 2019	1,156	843,823
Education Management, LLC		
Term Loan, 5.50%, Maturing July 2, 2020 ⁽³⁾	266	122,250
Term Loan, 8.50%, (2.00% Cash, 6.50% PIK), Maturing July 2, 2020 ⁽³⁾	473	116,888

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
EIG Investors Corp.		
Term Loan, 5.00%, Maturing November 9, 2019	4,638	\$ 4,509,745
Emdeon Business Services, LLC		
Term Loan, 3.75%, Maturing November 2, 2018	1,401	1,380,318
Extreme Reach, Inc.		
Term Loan, 7.25%, Maturing February 7, 2020	1,541	1,510,078
Garda World Security Corporation		
Term Loan, 4.00%, Maturing November 6, 2020	110	104,650
Term Loan, 4.00%, Maturing November 6, 2020	976	930,642
Term Loan, 4.75%, Maturing November 6, 2020	CAD 1,344	910,078
IG Investment Holdings, LLC		
Term Loan, 6.00%, Maturing October 29, 2021	1,858	1,846,296
IMS Health Incorporated		
Term Loan, 3.50%, Maturing March 17, 2021	1,933	1,901,336
Information Resources, Inc.		
Term Loan, 4.75%, Maturing September 30, 2020	1,173	1,172,191
ION Trading Finance Limited		
Term Loan, 4.25%, Maturing June 10, 2021	474	460,783
Term Loan, 4.50%, Maturing June 10, 2021	EUR 1,025	1,108,648
KAR Auction Services, Inc.		
Term Loan, 3.50%, Maturing March 11, 2021	2,673	2,669,301
Kronos Incorporated		
Term Loan, 4.50%, Maturing October 30, 2019	2,325	2,290,304
	1,073	1,066,963

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Term Loan - Second Lien, 9.75%, Maturing April 30, 2020		
MCS AMS Sub-Holdings, LLC		
Term Loan, 7.50%, Maturing October 15, 2019	914	776,688
Monitronics International, Inc.		
Term Loan, 4.25%, Maturing March 23, 2018	527	510,774
Term Loan, 4.50%, Maturing April 2, 2022	670	629,741
PGX Holdings, Inc.		
Term Loan, 5.75%, Maturing September 29, 2020	549	546,175
RCS Capital Corporation		
DIP Loan, Maturing February 2, 2017 ⁽²⁾	700	693,000
Term Loan, 7.50%, Maturing April 29, 2019 ⁽³⁾	2,251	1,575,966
Term Loan - Second Lien, 11.50%, Maturing April 29, 2021 ⁽³⁾	1,000	172,600
Sensus USA, Inc.		
Term Loan, 4.50%, Maturing May 9, 2017	643	620,474
Term Loan - Second Lien, 8.50%, Maturing May 9, 2018	1,000	980,000
ServiceMaster Company		
Term Loan, 4.25%, Maturing July 1, 2021	3,390	3,370,583
TNS, Inc.		
Term Loan, 5.00%, Maturing February 14, 2020	629	619,844
Travelport Finance (Luxembourg) S.a.r.l.		
Term Loan, 5.75%, Maturing September 2, 2021	1,188	1,152,360
WASH Multifamily Laundry Systems, LLC		
Term Loan, 4.25%, Maturing May 14, 2022	44	43,206
Term Loan, 4.25%, Maturing May 14, 2022	254	246,712
West Corporation		
Term Loan, 3.25%, Maturing June 30, 2018	3,217	3,162,468

\$ 48,277,827

Cable and Satellite**Television 3.2%****Altice US Finance I Corporation**Term Loan, 4.25%,
Maturing December
14, 2022

1,087 \$ 1,069,335

MCC Iowa, LLCTerm Loan, 3.75%,
Maturing June 30,
2021

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 Flaherty & Crumrine/Claymore Preferred Securities Income Fund
 Incorporated ADDITIONAL INFORMATION (UNAUDITED)
 (CONTINUED)

 PRINCIPAL NUMBER OF FUNDS TERM OF OFFICE
 OCCUPATION(S) IN FUND COMPLEX NAME, ADDRESS,
 POSITION(S) AND LENGTH OF DURING PAST OVERSEEN
 OTHER DIRECTORSHIPS AND AGE HELD WITH FUND
 TIME SERVED* FIVE YEARS BY DIRECTOR HELD BY
 DIRECTOR -----

----- OFFICERS: ----- ROBERT M.
 ETTINGER President Since President and Director of 2 Director,
 Flaherty & Crumrine 301 E. Colorado Boulevard January 2003
 Flaherty & Crumrine Preferred Income Fund Suite 720
 Incorporated. and Flaherty & Crumrine Pasadena, CA 91101
 Preferred Income Age: 45 Opportunity Fund. PETER C. STIMES
 Chief Financial Since Vice President of -- -- 301 E. Colorado
 Boulevard Officer, Chief January 2003 Flaherty & Crumrine Suite
 720 Accounting Officer, Incorporated. Pasadena, CA 91101 Vice
 President, Treasurer, Age: 48 and Assistant Secretary
 BRADFORD S. STONE Vice President Since Since May 2003,
 Vice -- -- 392 Springfield Avenue and Assistant July 2003
 President of Flaherty & Mezzanine Suite Treasurer Crumrine;
 from June 2001 Summit, NJ 07901 to April 2003, Director of Age:
 44 US Market Strategy at Barclays Capital; from February 1987 to
 June 2001, Vice President of Goldman, Sachs & Company as
 Director of US Interest Rate Strategy and, previously, Vice
 President of Interest Rate Product Sales. R. ERIC CHADWICK
 Vice President, Since Vice President of -- -- 301 E. Colorado
 Boulevard Secretary and January Flaherty & Crumrine Suite 720
 Assistant 2003 Incorporated since Pasadena, CA 91101 Treasurer
 August 2001, and previously Age: 29 (since January 1999)
 portfolio manager of Flaherty & Crumrine Incorporated. 35
 DIRECTORS Martin Brody Donald F. Crumrine, CFA Nicholas
 Dalmaso David Gale Morgan Gust Robert F. Wulf, CFA
 OFFICERS Donald F. Crumrine, CFA Chairman of the Board and
 Chief Executive Officer Robert M. Ettinger, CFA President Peter
 C. Stimes, CFA Chief Financial Officer, Chief Accounting Officer,
 Vice President, Treasurer, and Assistant Secretary Nicholas

Dalmaso Vice President and Assistant Secretary Bradford S. Stone
Vice President and Assistant Treasurer R. Eric Chadwick, CFA
Vice President, Secretary and Assistant Treasurer INVESTMENT
ADVISER Flaherty & Crumrine Incorporated e-mail:
flaherty@fin-mail.com QUESTIONS CONCERNING YOUR
SHARES OF FLAHERTY & CRUMRINE/CLAYMORE
PREFERRED SECURITIES INCOME FUND? o If your shares
are held in a brokerage Account, contact your broker. o If you have
physical possession of your shares in certificate form, contact the
Fund's Transfer Agent & Shareholder Servicing Agent -- PFPC
Inc. P.O. Box 43027 Providence, RI 02940-3027 1-800-331-1710
THIS REPORT IS SENT TO SHAREHOLDERS OF FLAHERTY
& CRUMRINE/CLAYMORE PREFERRED SECURITIES
INCOME FUND FOR THEIR INFORMATION. IT IS NOT A
PROSPECTUS, CIRCULAR OR REPRESENTATION
INTENDED FOR USE IN THE PURCHASE OR SALE OF
SHARES OF THE FUND OR OF ANY SECURITIES
MENTIONED IN THIS REPORT. [GRAPHIC OMITTED]
FLAHERTY & Crumrine/Claymore LIGHTHOUSE ART
PREFERRED SECURITIES INCOME FUND SEMI-ANNUAL
REPORT May 31, 2004 web site: www.fcclaymore.com ITEM 2.
CODE OF ETHICS. Not applicable. ITEM 3. AUDIT
COMMITTEE FINANCIAL EXPERT. Not applicable. ITEM 4.
PRINCIPAL ACCOUNTANT FEES AND SERVICES. Not
applicable. ITEM 5. AUDIT COMMITTEE OF LISTED
REGISTRANTS. Not applicable. ITEM 6. SCHEDULE OF
INVESTMENTS Not yet applicable. ITEM 7. DISCLOSURE OF
PROXY VOTING POLICIES AND PROCEDURES FOR
CLOSED-END MANAGEMENT INVESTMENT COMPANIES.
Not applicable. ITEM 8. PURCHASES OF EQUITY
SECURITIES BY CLOSED-END MANAGEMENT
INVESTMENT COMPANY AND AFFILIATED
PURCHASERS. Not applicable. ITEM 9. SUBMISSION OF
MATTERS TO A VOTE OF SECURITY HOLDERS. Not
applicable. ITEM 10. CONTROLS AND PROCEDURES. (a) The
registrant's principal executive and principal financial officers 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") (17 CFR 270.30a-3(c))) were
effective, as of a date within 90 days of the filing date of this
report, based on their evaluation of these controls and procedures
required by Rule 30a-3(b) under the 1940 Act (17 CFR
270.30a-3(b)) and Rules 13a-15(b) or 15d-15(b) under the
Securities Exchange Act of 1934, as amended (17 CFR
240.13a-15(b) or 240.15d-15(b)). (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 (17 CFR 270.30a-3(d))) that
occurred during the registrant's last fiscal half-year (the registrant's
second fiscal half-year in the case of an annual report) that have
materially affected, or are reasonably likely to materially affect,
the registrant's internal control over financial reporting. ITEM 11.

EXHIBITS. (a)(1) Not applicable. (a)(2) Certifications pursuant to Rule 30a-2(a) under the 1940 Act and Section 302 of the Sarbanes-Oxley Act of 2002 are attached hereto. (a)(3) Not applicable. (b) Certifications pursuant to Rule 30a-2(b) under the 1940 Act and Section 906 of the Sarbanes-Oxley Act of 2002 are attached hereto. SIGNATURES 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) FLAHERTY & CRUMRINE/CLAYMORE
PREFERRED SECURITIES INCOME FUND INCORPORATED
By (Signature and Title)* /S/ DONALD F. CRUMRINE

----- Donald F. Crumrine,
Director, Chairman of the Board and Chief Executive Officer
(principal executive officer) Date JULY 29, 2004

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/ DONALD F. CRUMRINE

----- Donald F. Crumrine,
Director, Chairman of the Board and Chief Executive Officer
(principal executive officer) Date JULY 29, 2004

----- By
(Signature and Title)* /S/ PETER C. STIMES

----- Peter C. Stimes,
Chief Financial and Accounting Officer, Vice President, Treasurer
& Assistant Secretary (principal financial officer) Date JULY 29,
2004

----- *

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