### EATON VANCE SENIOR FLOATING RATE TRUST

Form N-PX August 30, 2010

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: 811-21411

NAME OF REGISTRANT: Eaton Vance Senior Floating-Rate

Trust

ADDRESS OF PRINCIPAL EXECUTIVE OFFICES: Two International Place

Boston, MA 02110

NAME AND ADDRESS OF AGENT FOR SERVICE: Maureen A. Gemma, Esq.

Two International Place

Boston, MA 02110

REGISTRANT'S TELEPHONE NUMBER: 617-482-8260

DATE OF FISCAL YEAR END: 10/31

DATE OF REPORTING PERIOD: 07/01/2009 - 06/30/2010

Eaton Vance Senior Floating-Rate Trust

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DELTA AIR LINES, INC.
Agen

Security: 247361702 Meeting Type: Annual

Meeting Date: 30-Jun-2010

Ticker: DAL

ISIN: US2473617023

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Prop.# Proposal		Proposal Type	Proposal Vote
1A	ELECTION OF DIRECTOR: RICHARD H. ANDERSON	Mgmt	For
1B	ELECTION OF DIRECTOR: EDWARD H. BASTIAN	Mgmt	For
1C	ELECTION OF DIRECTOR: ROY J. BOSTOCK	Mgmt	For
1D	ELECTION OF DIRECTOR: JOHN S. BRINZO	Mgmt	For
1E	ELECTION OF DIRECTOR: DANIEL A. CARP	Mgmt	For

1F	ELECTION OF DIRECTOR: JO	OHN M. ENGLER	Mgmt	For
1G	ELECTION OF DIRECTOR: M	ICKEY P. FORET	Mgmt	For
1H	ELECTION OF DIRECTOR: DA	AVID R. GOODE	Mgmt	For
11	ELECTION OF DIRECTOR: PA	AULA ROSPUT REYNOLDS	Mgmt	For
1J	ELECTION OF DIRECTOR: KI	ENNETH C. ROGERS	Mgmt	For
1K	ELECTION OF DIRECTOR: RO	ODNEY E. SLATER	Mgmt	For
1L	ELECTION OF DIRECTOR: DO	OUGLAS M. STEENLAND	Mgmt	For
1M	ELECTION OF DIRECTOR: KI	ENNETH B. WOODROW	Mgmt	For
02	TO RATIFY THE APPOINTMENT AS DELTA'S INDEPENDENT AS ENDING DECEMBER 31, 2010	AUDITORS FOR THE YEAR	Mgmt	For
03	STOCKHOLDER PROPOSAL REGIN THE ELECTION OF DIRECT	GARDING CUMULATIVE VOTING CTORS.	Shr	Against

\_\_\_\_\_\_ GREEKTOWN HOLDINGS Agen

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Security: 392484AA9 Meeting Type: Consent Meeting Date: 08-Oct-2009

Ticker:

ISIN: US392484AA95

Proposal Vote Prop.# Proposal

Type

01 THE PLAN Mgmt No vote

..... PANOLAM INDUSTRIES INTERNATIONAL, INC.

Security: 698604AG0 Meeting Type: Consent Meeting Date: 02-Nov-2009

Ticker:

ISIN: US698604AG03

Proposal Vote

Prop.# Proposal Type

01 THE PLAN Mgmt No vote

	THGIBSON INC.			Agen
	Security: Meeting Type: Meeting Date: Ticker:	75409FAC9 Consent		
Prop	o.# Proposal		Proposal Type	Proposal Vote
01	THE PLAN - 0	CLASS 8	Mgmt	No vote
02	OPT OUT ELE	CTION - CLASS 8	Mgmt	No vote
03	THE PLAN - 0	CLASS 4	Mgmt	No vote
04	OPT OUT ELE	CTION - CLASS 4	Mgmt	No vote
SEN	M GROUP L.P			Agen
	Security: Meeting Type: Meeting Date: Ticker: ISIN:	Consent		
Prop	o.# Proposal		Proposal Type	Proposal Vote
01	THE PLAN		Mgmt	No vote
 WEI	LLMAN HOLDINGS,	INC.		Agen
	Security: Meeting Type: Meeting Date: Ticker:	949700AA6 Annual		
 Prop	p.# Proposal			Proposal Vote
1A	ELECTION OF	CHARLES MACALUSO (AT-LARGE DIRECTOR)	Mgmt	For
1B	ELECTION OF	DUNCAN H. COCROFT (AT-LARGE DIRECTOR)	Mgmt	For
1C	ELECTION OF	KENNETH A. GHAZEY (AT-LARGE DIRECTOR)	Mgmt	For

1D	ELECTION OF JAMES D. JACKSON (AT-LARGE DIRECTOR)	Mgmt	For
1E	ELECTION OF LINDA KOFFENBERGER (AT-LARGE DIRECTOR)	Mgmt	For
1F	ELECTION OF ARI M. CHANEY (THIRD LIEN DIRECTOR)	Mgmt	For

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WELLMAN HOLDINGS, INC. Agen

Security: 949700108 Meeting Type: Annual Meeting Date: 09-Dec-2009

Ticker:

ISIN: US9497001084

Prop.#	Proposal	Proposal Type	Proposal Vote
01	DIRECTOR MARK J. RUDAY *	Mgmt	For
1A	ELECTION OF CHARLES MACALUSO (AT-LARGE DIRECTOR)	Mgmt	For
1B	ELECTION OF DUNCAN H. COCROFT (AT-LARGE DIRECTOR)	Mgmt	For
1C	ELECTION OF KENNETH A. GHAZEY (AT-LARGE DIRECTOR)	Mgmt	For
1D	ELECTION OF JAMES D. JACKSON (AT-LARGE DIRECTOR)	Mgmt	For
1E	ELECTION OF LINDA KOFFENBERGER (AT-LARGE DIRECTOR)	Mgmt	For

<sup>\*</sup> Management position unknown

### SIGNATURES

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.

(Registrant) Eaton Vance Senior Floating-Rate Trust
By (Signature) /s/ Scott H. Page
Name Scott H. Page Title President Date 08/30/2010