

Pioneer Floating Rate Trust
 Form 4
 November 12, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
WEST STEPHEN

(Last) (First) (Middle)
 60 STATE ST
 (Street)

BOSTON, MA 02109

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Pioneer Floating Rate Trust [PHD]

3. Date of Earliest Transaction (Month/Day/Year)
 11/12/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director
 ____ Officer (give title below)
 ____ 10% Owner
 ____ Other (specify below)
 Trustee

6. Individual or Joint/Group Filing(Check Applicable Line)
 ___X___ Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
Common Shares	11/12/2010	11/12/2010	P	500	A \$ 12.848	1,500	D
Common Shares	11/12/2010	11/12/2010	P	500	A \$ 12.85	2,000	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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