

Kayne Anderson MLP Investment CO

Form 3

February 10, 2009

FORM 3UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB
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2005Estimated average
burden hours per
response... 0.5**INITIAL STATEMENT OF 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 *Â BANK OF AMERICA CORP
/DE/

(Last) (First) (Middle)

BANK OF AMERICA
CORPORATE CENTER,Â 100
N TRYON STREET

(Street)

CHARLOTTE,Â NCÂ 28255

(City) (State) (Zip)

2. Date of Event Requiring
Statement(Month/Day/Year)
01/30/2009

3. Issuer Name and Ticker or Trading Symbol

Kayne Anderson MLP Investment CO [KYN]

4. Relationship of Reporting
Person(s) to Issuer5. If Amendment, Date Original
Filed(Month/Day/Year)

(Check all applicable)

____ Director ____X__ 10% Owner
____ Officer ____ Other
(give title below) (specify below)6. Individual or Joint/Group
Filing(Check Applicable Line)____ Form filed by One Reporting
Person_X_ Form filed by More than One
Reporting Person**Table I - Non-Derivative Securities Beneficially Owned**1. Title of Security
(Instr. 4)2. Amount of Securities
Beneficially Owned
(Instr. 4)3. Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)4. Nature of Indirect Beneficial
Ownership
(Instr. 5)

Auction Rate Preferred

430 ⁽¹⁾

I By Subsidiary

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

SEC 1473 (7-02)

**Persons who respond to the collection of
information contained in this form are not
required to respond unless the form displays a
currently valid OMB control number.****Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**1. Title of Derivative Security
(Instr. 4)2. Date Exercisable and
Expiration Date
(Month/Day/Year)3. Title and Amount of
Securities Underlying
Derivative Security4. Conversion
or Exercise5. Ownership
Form of6. Nature of Indirect
Beneficial Ownership
(Instr. 5)

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Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivative Security	Derivative
					Security: Direct (D) or Indirect (I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BANK OF AMERICA CORP /DE/ BANK OF AMERICA CORPORATE CENTER 100 N TRYON STREET CHARLOTTE, NC 28255	^	^ X	^	^
MERRILL LYNCH, PIERCE, FENNER & SMITH INC. 4 WORLD FINANCIAL CENTER NORTH TOWER NEW YORK, NY 10080	^	^ X	^	^

Signatures

/s/ Debra I. Cho, Senior Vice President, Bank of America Corporation	02/10/2009
Signature of Reporting Person	Date
/s/ Pia Thompson, Assistant Secretary, Merrill Lynch, Pierce, Fenner & Smith, Inc.	02/10/2009
Signature of Reporting Person	Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- The Auction Rate Preferred Shares ("Shares") reported in Table 1 represent 430 Shares beneficially owned by Merrill Lynch, Pierce, Fenner & Smith, Inc. ("MLPFS"). MLPFS is an indirect, wholly owned subsidiary of Bank of America Corporation ("Bank of America").

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Remarks:

The Shares reported herein represent Bank of America's combined holdings in multiple series of auction rate securities of the issuer, which are treated herein as one class of securities in accordance with the Securities-Global Exemptive Relief no-action letter issued by the Securities and Exchange Commission in 2008. Bank of America undertakes to provide upon request by the SEC, the issuer or a security holder complete information regarding the number of equity securities of the issuer purchased or sold at a date of all transactions in such securities that occurred after Bank of America became a 10% owner of this filing.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.