

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

SCHEDULE 13G
(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS
FILED PURSUANT TO RULES 13d-1(b), (c) AND (d)
AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2(b)
(Amendment No.) (1)

Bimini Mortgage Management, Inc.

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title of Class of Securities)

09031E400

(CUSIP NUMBER)

December 31, 2005

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule
is filed:

/ / Rule 13d-1(b)
/X/ Rule 13d-1(c)
/ / Rule 13d-1(d)

(1) The remainder of this cover page shall be filled out for a reporting
person's initial filing on this form with respect to the subject class of
securities, and for any subsequent amendment containing information which
would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be
deemed to be "filed" for the purpose of Section 18 of the Securities
Exchange Act of 1934 or otherwise subject to the liabilities of that
section of the Act but shall be subject to all other provisions of the Act
(however, see the Notes).

NAME OF REPORTING PERSONS: Jeffrey A. Miller
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) 0
(b) |X|

SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION United States of America

NUMBER OF SOLE VOTING POWER 0
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

SHARED VOTING POWER

1,486,600

SOLE DISPOSITIVE POWER

0

SHARED DISPOSITIVE POWER

1,486,600

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,486,600

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
CERTAIN SHARES*

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

7.3%

TYPE OF REPORTING PERSON*

IN

*SEE INSTRUCTION BEFORE FILLING OUT!

NAME OF REPORTING PERSONS: Eric D. Jacobs
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) 0
(b)

SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH SOLE VOTING POWER 0

SHARED VOTING POWER 1,486,600

SOLE DISPOSITIVE POWER 0

SHARED DISPOSITIVE POWER 1,486,600

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,486,600

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 7.3%

TYPE OF REPORTING PERSON* IN

*SEE INSTRUCTION BEFORE FILLING OUT!

NAME OF REPORTING PERSONS: Miller & Jacobs Capital, L.L.C.
1. I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) 13-3920489

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) 0
(b) |X|

SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION U.S. Virgin Islands

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH SOLE VOTING POWER 0

SHARED VOTING POWER 1,486,600

SOLE DISPOSITIVE POWER 0

SHARED DISPOSITIVE POWER 1,486,600

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,486,600

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 7.3%

TYPE OF REPORTING PERSON* CO

*SEE INSTRUCTION BEFORE FILLING OUT!

NAME OF REPORTING PERSONS: Acadia Master Fund I, Ltd.
1. I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) 0
(b)

SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH SOLE VOTING POWER 0

SHARED VOTING POWER 1,372,245

SOLE DISPOSITIVE POWER 0

SHARED DISPOSITIVE POWER 1,372,245

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,372,245

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.7%

TYPE OF REPORTING PERSON* CO

*SEE INSTRUCTION BEFORE FILLING OUT!

Item 1(a). Name of Issuer:
Bimini Mortgage Management, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices:
3305 Flamingo Drive, Suite 100
Vero Beach, FL 32963

Item 2(a). Name of Persons Filing:
Jeffrey A. Miller
Eric D. Jacobs
Miller & Jacobs Capital, L.L.C.
Acadia Master Fund I, Ltd.
(collectively, the "Reporting Persons")

Item 2(b). Address of Principal Business Office or, if None, Residence:
The principal business address of Jeffrey A. Miller,
Eric D. Jacobs, and Miller & Jacobs Capital, L.L.C. is:
P.O. Box 26039
Gallows Bay Station
Christiansted, St. Croix, USVI 00824
The principal business address of Acadia Master Fund I,
Ltd. is:
c/o Butterfield Fund Services (Bermuda) Limited
Rosebank Centre
11 Bermudiana Road
Hamilton HM 08
Bermuda

Item 2(c). Citizenship:
Jeffrey A. Miller: United States of America
Eric D. Jacobs: United States of America
Miller & Jacobs Capital, L.L.C. is organized in the
U.S. Virgin Islands
Acadia Master Fund I, Ltd. is organized in the Cayman
Islands

Item 2(d). Title of Class of Securities:
Class A Common Stock, \$0.001 par value per share

Item 2(e). CUSIP Number:

09031E400

Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a: Not Applicable

- (a) Broker or dealer registered under Section 15 of the Exchange Act;
- (b) Bank as defined in Section 3(a)(6) of the Exchange Act;
- (c) Insurance Company as defined in Section 3(a)(19) of the Exchange Act;
- (d) Investment Company registered under Section 8 of the Investment Company Exchange Act;
- (e) Investment Adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f) Employee Benefit Plan or Endowment Fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g) Parent Holding Company or Control Person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h) Saving Association as defined in Section 3(b) of The Federal Deposit Insurance Act;
- (i) Church Plan that is excluded from the definition of an Investment Company under Section 3(c)(14) of the Investment Company Act;
- (j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4. Ownership.

A. Jeffrey A. Miller

- (a) Amount beneficially owned: 1,486,600
- (b) Percent of Class: 7.3%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 1,486,600
 - (iii) Sole power to dispose or direct the disposition of: 0
 - (iv) Shared power to dispose or to direct the disposition of: 1,486,600

B. Eric D. Jacobs

(a) Amount beneficially owned:	1,486,600
(b) Percent of Class:	7.3%
(c) Number of shares as to which such person has:	
(i) Sole power to vote or direct the vote:	0
(ii) Shared power to vote or to direct the vote:	1,486,600
(iii) Sole power to dispose or direct the disposition of:	0
(iv) Shared power to dispose or to direct the disposition of:	1,486,600

C. Miller & Jacobs Capital, L.L.C.

(a) Amount beneficially owned:	1,486,600
(b) Percent of Class:	7.3%
(c) Number of shares as to which such person has:	
(i) Sole power to vote or direct the vote:	0
(ii) Shared power to vote or to direct the vote:	1,486,600
(iii) Sole power to dispose or direct the disposition of:	0
(iv) Shared power to dispose or to direct the disposition of:	1,486,600

D. Acadia Master Fund I, Ltd.

(a) Amount beneficially owned:	1,372,245
(b) Percent of Class:	6.7%
(c) Number of shares as to which such person has:	
(i) Sole power to vote or direct the vote:	0
(ii) Shared power to vote or to direct the vote:	1,372,245
(iii) Sole power to dispose or direct the disposition of:	0
(iv) Shared power to dispose or to direct the disposition of:	1,372,245

As calculated in accordance with Rule 13d-3 of the Securities Exchange Act of 1934, as amended, Jeffrey A. Miller, Eric D. Jacobs and Miller & Jacobs Capital, L.L.C. beneficially own 1,486,600 shares of the Issuer's Class A Common Stock, representing 7.3% of the Class A Common Stock, and Acadia Master Fund I, Ltd. beneficially owns 1,372,245 shares of the Issuer's Class A Common Stock, representing 6.7% of the Class A Common Stock. Mr. Miller and Mr. Jacobs do not directly own any shares of Class A Common Stock, but they do indirectly own 1,486,600 shares of Class A Common Stock in their capacity as the sole managers and members of Miller & Jacobs Capital, L.L.C., a U.S. Virgin Islands limited liability company, which in turn (a) serves as the investment manager for Acadia Master Fund I, Ltd., a Cayman Islands exempted company ("Acadia Master I"), (b) serves as the investment manager for Acadia Master Fund II, Ltd., a Cayman Islands exempted company ("Acadia Master II"), (c) serves as a sub-advisor with discretionary investment advisory authority for Acadia Life International, Ltd., a Bermuda corporation ("Life"), and (d) serves as a sub-advisor with discretionary investment advisory authority for CT Explorer - Miller & Jacobs, a separately managed account ("CT Explorer").

Item 5. Ownership of Five Percent or Less of a Class.

 If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

 Each of Acadia Master I, Acadia Master II, Life, and CT Explorer have the right to receive dividends and the proceeds from the sale of the shares of Class A Common Stock held by such person.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

 Not Applicable

Item 8. Identification and Classification of Members of the Group.

 Not Applicable

Item 9. Notice of Dissolution of Group.

 Not Applicable

Item 10. Certification.

 By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 6, 2006

/s/ Jeffrey A. Miller

Jeffrey A. Miller

/s/ Eric D. Jacobs

Eric D. Jacobs

MILLER & JACOBS CAPITAL, L.L.C.

By: /s/ Jeffrey A. Miller

Name: Jeffrey A. Miller
Title: Managing Member

ACADIA MASTER FUND I, LTD.

By: /s/ Peter Anderson

Name: Peter Anderson
Title: Director

EXHIBIT INDEX

Exhibits

1. Joint Filing Agreement, dated February 6, 2006, among Jeffrey A. Miller, Eric D. Jacobs, Miller & Jacobs Capital, L.L.C., and Acadia Master Fund I, Ltd.

EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree that this Statement on Schedule 13G with respect to the beneficial ownership of shares of Class A Common Stock of Bimini Mortgage Management, Inc., is filed jointly, on behalf of each of them.

Dated: February 6, 2006

/s/ Jeffrey A. Miller

Jeffrey A. Miller

/s/ Eric D. Jacobs

Eric D. Jacobs

MILLER & JACOBS CAPITAL, L.L.C.

By: /s/ Jeffrey A. Miller

Name: Jeffrey A. Miller
Title: Managing Member

ACADIA MASTER FUND I, LTD.

By: /s/ Peter Anderson

Name: Peter Anderson
Title: Director

