

Smith Kenneth Eugene
 Form 5
 January 28, 2010

FORM 5

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person *
 Smith Kenneth Eugene

2. Issuer Name and Ticker or Trading Symbol
 BAR HARBOR BANKSHARES [BHB]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
 12/31/2009

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

C/O BAR HARBOR BANKING & TRUST COMPANY, PO BOX 400

(Street)

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

6. Individual or Joint/Group Reporting

(check applicable line)

BAR HARBOR, ME 04609

Form Filed by One Reporting Person
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock	12/31/2009	12/31/2009	P(1)	10.87 A \$ 0	1,817.125	D	Â

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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Table with columns for Transaction Date, Deemed Execution Date, Transaction Code, Number of Derivative Securities, Date Exercisable and Expiration Date, Title and Amount of Underlying Securities, and Price of Derivative Security.

Reporting Owners

Table with columns: Reporting Owner Name / Address, Relationships (Director, 10% Owner, Officer, Other). Includes entry for Smith Kenneth Eugene with relationships marked.

Signatures

Kenneth E. Smith
01/28/2010
**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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).
(1) Direct Purchase and Dividend Reinvestment at American Stock Transfer & Trust Company for Bar Harbor Bankshares Dividend Reinvestment Plan f/b/o Kenneth E. Smith.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.