HOST HOTELS & RESORTS, INC.

Reminder: Report on a separate line for each class of

securities beneficially owned directly or indirectly.

Form 5

February 14, 2011

| Tebluary 14, 2011 | | | | | | | | | | | |
|---|---|---|---|---------------|---|-------------------------|---|---|---|--|--|
| FORM 5 | | | | | | | | APPROVAL | | | |
| | JNITED STATES | | S SECURITIES AND EXCHANGE CO | | | MISSIC | ON OMB Number: | 3235-03 | 62 | | |
| Check this box if no longer subject | Washington, D.C. 20549 | | | | | | Expires: | January 3 | 31, 105 | | |
| to Section 16. Form 4 or Form 5 obligations | ANNUAL ST | | TATEMENT OF CHANGES IN BENI OWNERSHIP OF SECURITIES | | | | Estimated burden ho | | | | |
| may continue. | | OWNERSHI | OF SECUR | HILS | | | response. | • | 1.0 | | |
| | Filed pursuant to ection 17(a) of the 30(h) | | olding Comp | pany Act of | f 193 | | | | | | |
| 1. Name and Address of | | 2. Issuer Name and Ticker or Trading | | | 5. Relationship of Reporting Person(s) to | | | | | | |
| BAYLIS ROBERT | M | Symbol | | | | Issuer | | | | | |
| | | HOST HOTELS & RESORTS, INC. [HST] | | | | (Check all applicable) | | | | | |
| (Last) (Firs | st) (Middle) | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2010 XDirectorOfficer (give to below) | | | | | | | | | |
| 6903 ROCKLEDGE DRIVE, SUITE 1: | | | | | | | | | | | |
| (Stree | et) | 4. If Amendment, Date Original | | | 6. Individual or Joint/Group Reporting | | | | | | |
| | | Filed(Month/Day/Year) | | | | (check applicable line) | | | | | |
| BETHESDA, MD |)Â 20817 | | | | | | | | | | |
| 221122 | | | | | | Form Filed | by One Reporting by More than One | | | | |
| (City) (State | te) (Zip) | Table I - Non | -Derivative S | ecurities Acq | quired | l, Dispose | d of, or Benefici | ally Owned | | | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | | 3. 4. Securities Transaction or Disposed Code (Instr. 3, 4 and (Instr. 8) | | nd 5) Ben Owi | | 5. Amount of Securities Beneficially Owned at end of Issuer's | 6. Ownership Form: Direct (D) or Indirect | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | Amount | (A) or (D) | Price | Fiscal Year (Instr. 3 and 4) | (I) (Instr. 4) | (| | |
| Restricted-Annual Director Stock Award | 10/15/2010 | Â | J4 <u>(1)</u> | 30.6003 | A | \$ 16.11 | 49,327.7992 | D | Â | | |
| Restricted-Special One Time Award | 10/15/2010 | Â | J4 <u>(1)</u> | 8.0626 | A | \$ 16.11 | 12,996.8758 | D | Â | | |

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SEC 2270

(9-02)

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A Disposed of (Instr. 3, 4, 4, 5) | A) or (D) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Underlying (Instr. 3 and |
|--|---|--------------------------------------|---|---|---|-----------|--|--------------------|---|
| | | | | | (A) | (D) | Date Exercisable | Expiration Date | Title |
| Non-Employee Director Def. Stock Units | \$ 0 | 10/15/2010 | Â | J4 <u>(1)</u> | 17.5195 | Â | 10/15/2010 | 12/31/2015 | Common Stock |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | | |
|---|---------------|-----------|---------|-------|--|--|--|--|
| · · · · · · · · · · · · · · · · · · · | Director | 10% Owner | Officer | Other | | | | |
| BAYLIS ROBERT M 6903 ROCKLEDGE DRIVE SUITE 1500 BETHESDA, MD 20817 | ÂX | Â | Â | Â | | | | |

Signatures

By: Elizabeth A. Abdoo For: Robert M.
Baylis
02/14/2011

**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) Pursuant to the Comprehensive Stock Incentive Plan, reporting person is required to reinvest cash dividends paid on shares of restricted common stock into additional shares of restricted common stock.

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.

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