## SEC Form 5

| FORM 5  | UNITED ST                                  | ATES SECU   |  | AND EXCH  | ANG           | E COI                   | MMI   | SSION                                      |   |            |  |  |  |
|---|--|---|--|---|---------------|-------------------------|---|--|---|------------|--|--|--|
| Check this box if no longer subject to<br>Section 16. Form 4 or Form 5<br>obligations may continue. See<br>Instruction 1(b).<br>Form 3 Holdings Reported. | ANNUA                                      |   | ENT OF   |   | ICIA          | L                       | OMB APPROVAL<br>OMB Number: 3235<br>Estimated average burden<br>hours per response: |  |   |            |  |  |  |
| X Form 4 Transactions Reported.   | Fil  | ed pursuant to Sec<br>or Section 30(                        |  | he Securities Exch<br>stment Company A                          |               |                         |   |  |   |            |  |  |  |
| 1. Name and Address of Reporting Pers<br>BAYLIS ROBERT M  |  |   |  |   |               |                         |   | )  | 10% Owner   |            |  |  |  |
| (Last) (First)<br>6903 ROCKLEDGE DRIVE<br>SUITE 1500  | (Middle)                                   | 3. Statement for 12/31/2010                                 | r Issuer's Fisc  | al Year Ended (Mo   |               | Officer (give<br>below) |   | Other (specify below)                      |   |            |  |  |  |
|   |  | 4. If Amendmer  | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |               |                         |   |  | 6. Individual or Joint/Group Filing (Check Applicable Line) |            |  |  |  |
| (Street)<br>BETHESDA MD   | 20817                                      |   |  |   |               |                         | 2   |  | y One Reporting<br>y More than On                           | 5          |  |  |  |
| (City) (State)  | (Zip)                                      |   |  |   |               |                         |   |  |   |            |  |  |  |
| 1   | Fable I - Non-Deriv                        | vative Securit  | ies Acquir   | ed, Disposed  | l of, or      | Benef                   | icially   | y Owned                                    |   |            |  |  |  |
| 1. Title of Security (Instr. 3)   | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code (Instr.<br>8)                  | 4. Securities Acquired (A) or Dispos<br>(D) (Instr. 3, 4 and 5) |               |                         | ed Of 5. Amount o<br>Securities<br>Beneficially<br>Owned at en                      |  | Ownership<br>Form: Dire                                     |            |  |  |  |
|   |  | (   | ,<br>,   | Amount  | (A) or<br>(D) | Price                   |   | Issuer's Fiscal<br>Year (Instr. 3 an<br>4) | Indirect (I)  | (Instr. 4) |  |  |  |

| (City)  | (State) | (Zip)    |  |   |   |                                 |  |  |
|---|---------|----------|--|---|---|---------------------------------|--|--|
| (Last) (First) (Middle)<br>6903 ROCKLEDGE DRIVE<br>SUITE 1500<br>(Street)<br>BETHESDA MD 20817<br>(Cita) (Cita) (Zia) |         |          |  |   | Form filed by More th<br>Person                         | an One Reporting                |  |  |
|   |         |          |  | Line)   | Form filed by One Reporting Person                      |                                 |  |  |
|   |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                         | 6. Individual or Joint/Group Filing (Check Applicable |   |                                 |  |  |
|   |         | (Middle) | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2010          | 1   | Officer (give title below)                              | Other (specify below)           |  |  |
|   |         |          | 2. Issuer Name and Ticker or Trading Symbol<br>HOST HOTELS & RESORTS, INC. [HST] |   | tionship of Reporting Pe<br>all applicable)<br>Director | erson(s) to Issuer<br>10% Owner |  |  |
|   | •       |          | or Section 30(h) of the Investment Company Act of 1940                           |   |   |                                 |  |  |

| 1. Title of Security (Instr. 3)           | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code (Instr.<br>8) | 4. Securities Acquired (A) or Disposed Of<br>(D) (Instr. 3, 4 and 5) |               |                | 5. Amount of<br>Securities<br>Beneficially<br>Owned at end of | 6.<br>Ownership<br>Form: Direct<br>(D) or | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |
|---|--|---|---|--|---------------|----------------|---|---|---|
|   |  | (Month/Day/Year)  | 0)                                      | Amount   | (A) or<br>(D) | Price          | Issuer's Fiscal<br>Year (Instr. 3 and<br>4)                   | (D) of<br>Indirect (I)<br>(Instr. 4)      | (Instr. 4)  |
| Restricted-Annual Director Stock<br>Award | 10/15/2010                                 |   | J4 <sup>(1)</sup>                       | 30.6003  | A             | <b>\$16.11</b> | 49,327.7992   | D   |   |
| Restricted-Special One Time Award         | 10/15/2010                                 |   | J4 <sup>(1)</sup>                       | 8.0626   | A             | \$16.11        | 12,996.8758   | D   |   |

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

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code (Instr.<br>8) |                          |      | 6. Date Exerc<br>Expiration Da<br>(Month/Day/Y | ate                | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Security |         | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)            | 9. Number of<br>derivative<br>Securities<br>Beneficially | Ownership<br>Form:<br>Direct (D) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---|---|--|---|---|--------------------------|------|--|--------------------|--|---------|--|--|----------------------------------|--|
|   | Security  |  |   |   | of (D) (In<br>3, 4 and 9 | str. | Date<br>Exercisable                            | Expiration<br>Date | (Instr. 3 ar<br>Title  |         | Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | or Indirect<br>(I) (Instr. 4)                            | ,                                |  |
| Non-<br>Employee<br>Director<br>Def. Stock<br>Units | \$0   | 10/15/2010                                 |   | 4J <sup>(1)</sup>                       | 17.5195                  |      | 10/15/2010                                     | 12/31/2015         | Common<br>Stock  | 17.5195 | \$16.11  | 28,241.4272  | D                                |  |

Explanation of Responses:

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.

By: Elizabeth A. Abdoo For: Robert M. Baylis

\*\* Signature of Reporting Person Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.

02/14/2011