

AMERICAN TOWER CORP /MA/
 Form 4
 March 13, 2012

FORM 4

**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).

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
HESS WILLIAM H

(Last) (First) (Middle)
 116 HUNTINGTON AVENUE
 (Street)

BOSTON, MA 02116

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 AMERICAN TOWER CORP /MA/
 [AMT]

3. Date of Earliest Transaction
 (Month/Day/Year)
 03/10/2012

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 EVP, Int'l. Operations

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Stock	03/10/2012		M	7,864 A \$ 0	19,497	D	
Common Stock	03/10/2012		F	2,617 D \$ 62.22	16,880	D	
Common Stock	03/10/2012		M	5,219 A \$ 0	22,099	D	
Common Stock	03/10/2012		F	2,179 D \$ 62.22	19,920	D	
Common Stock	03/10/2012		M	5,170 A \$ 0	25,090	D	

Common Stock	03/10/2012	F	2,159	D	\$ 62.22	22,931	D	
Common Stock						5,095	I	By GRATs

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

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(9-02)

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) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Pr Deriv Secur (Instr. 3)	
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V (A) (D)		
Restricted Stock Units	<u>(1)</u>	03/10/2012		M	7,864	<u>(2)</u> <u>(2)</u>	Common Stock	7,864	\$
Restricted Stock Units	<u>(1)</u>	03/10/2012		M	5,219	<u>(3)</u> <u>(3)</u>	Common Stock	5,219	\$
Restricted Stock Units	<u>(1)</u>	03/10/2012		M	5,170	<u>(4)</u> <u>(4)</u>	Common Stock	5,170	\$

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HESS WILLIAM H 116 HUNTINGTON AVENUE BOSTON, MA 02116			EVP, Int'l. Operations	

Signatures

/s/ Mneesha O. Nahata, as
attorney-in-fact

03/13/2012

__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) Each Restricted Stock Unit (RSU) represents a contingent right to receive one share of Common Stock.
 - (2) This RSU was granted on March 10, 2009 pursuant to the 2007 Equity Incentive Plan, and vests in 25% cumulative annual increments beginning March 10, 2010. This Form 4 reflects the vesting of this RSU on March 10, 2012 as to 75% of the original grant amount.
 - (3) This RSU was granted on March 10, 2010 pursuant to the 2007 Equity Incentive Plan, and vests in 25% cumulative annual increments beginning March 10, 2011. This Form 4 reflects the vesting of this RSU on March 10, 2012 as to 50% of the original grant amount.
 - (4) This RSU was granted on March 10, 2011 pursuant to the 2007 Equity Incentive Plan, and vests in 25% cumulative annual increments beginning March 10, 2012. This Form 4 reflects the vesting of this RSU on March 10, 2012 as to 25% of the original grant amount.

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

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