

INTERNATIONAL BUSINESS MACHINES CORP
 Form 4
 June 18, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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 *
 MILLS STEVEN A

2. Issuer Name and Ticker or Trading Symbol
 INTERNATIONAL BUSINESS MACHINES CORP [IBM]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 IBM CORPORATION, 294 ROUTE 100
 (Street)
 SOMERS, NY 10589
 (City) (State) (Zip)

3. Date of Earliest Transaction (Month/Day/Year)
 06/15/2007
 4. If Amendment, Date Original Filed(Month/Day/Year)

____ Director
 ___X___ Officer (give title below) Senior Vice President
 ____ 10% Owner
 ____ Other (specify below)
 6. Individual or Joint/Group Filing(Check Applicable Line)
 ___X___ 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 Indirect Ownership (Instr. 4)
				(A) or (D)			
			Code	V	Amount		Price
Common Stock	06/17/2007		M		18,868	A	\$ 0
Common Stock	06/17/2007		F		8,265	D	\$ 104.535
							119,302.1875
							111,037.1875

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

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 control number.

SEC 1474 (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. Price or Number of Shares
Rst. Stock Unit	\$ 0 ⁽¹⁾	06/17/2007		M ⁽²⁾	18,868	⁽¹⁾ / ⁽¹⁾	Common Stock	18,868
Phantom Stock Unit	\$ 0 ⁽³⁾	06/15/2007		A ⁽⁴⁾	8	⁽⁵⁾ / ⁽⁵⁾	Common Stock	8

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MILLS STEVEN A IBM CORPORATION 294 ROUTE 100 SOMERS, NY 10589			Senior Vice President	

Signatures

D. Cummins for S. A. Mills by
power-of-attorney

06/18/2007

 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) These units were payable in cash or the company's common stock upon the lapse of the restrictions on the transaction date shown.

(2) Release of restricted stock units.

(3) Phantom stock units convert to the cash value of the company's common stock on a one-for-one basis.

(4) Acquisition of phantom stock units under the IBM Executive Deferred Compensation Plan.

(5) Distribution of phantom stock units under the IBM Executive Deferred Compensation Plan is deferred until separation from the company.

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