

INTERNATIONAL BUSINESS MACHINES CORP

Form 4

June 18, 2007

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

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

OMB APPROVAL

OMB
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(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

3. Date of Earliest Transaction
(Month/Day/Year)
06/15/2007

____ Director ____ 10% Owner
__X__ Officer (give title ____ Other (specify
below) below)
Senior Vice President

(Street)
SOMERS, NY 10589

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

6. Individual or Joint/Group Filing(Check
Applicable Line)
__X__ 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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	06/17/2007		M		18,868	A	\$ 0
							119,302.1875
Common Stock	06/17/2007		F		8,265	D	\$ 104.535
							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
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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. P Deri Secu (Inst		
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Rst. Stock Unit	\$ 0 <u>(1)</u>	06/17/2007		M <u>(2)</u>		18,868		<u>(1)</u>	<u>(1)</u>	Common Stock	18,868	\$
Phantom Stock Unit	\$ 0 <u>(3)</u>	06/15/2007		A <u>(4)</u>		8		<u>(5)</u>	<u>(5)</u>	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.

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