

Rhodin Michael D.
Form 4
May 10, 2010

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 *
Rhodin Michael D.

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

(Last) (First) (Middle)

IBM CORPORATION, 5
TECHNOLOGY PARK DR.,
WESTFORD TECH CTR

(Street)

3. Date of Earliest Transaction (Month/Day/Year)
05/08/2010

WESTFORD, MA 01886

(City) (State) (Zip)

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

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	05/08/2010		M		1,954 A \$ 0	9,467.1054	D
Common Stock	05/08/2010		M		2,103 A \$ 0	11,570.1054	D
Common Stock	05/08/2010		F		621 D \$ 122.185	10,949.1054	D
Common Stock	05/08/2010		F		668 D \$ 122.185	10,281.1054	D
						50	I (1)

Common Stock							daughter 1
Common Stock				50		I ⁽¹⁾	daughter 2
Common Stock				50		I ⁽¹⁾	son

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

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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) 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 of Derivative Security (Instr. 3)				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Rst. Stock Unit	\$ 0 ⁽²⁾	05/08/2010		M ⁽³⁾		1,954		⁽²⁾	⁽²⁾	Common Stock	1,954	\$
Rst. Stock Unit	\$ 0 ⁽²⁾	05/08/2010		M ⁽³⁾		2,103		⁽²⁾	⁽²⁾	Common Stock	2,103	\$

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Rhodin Michael D. IBM CORPORATION 5 TECHNOLOGY PARK DR., WESTFORD TECH CTR WESTFORD, MA 01886			Senior Vice President	

Signatures

D. Cummins on behalf of M. D.
Rhodin

05/10/2010

__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) The reporting person disclaims beneficial ownership of the securities, and this report shall not be deemed an admission that the reporting person is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.
- (2) These units were payable in cash or the company's common stock upon the lapse of the restrictions on the transaction date shown.
- (3) Release of restricted stock units.

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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