Rhodin Michael D. Form 3 January 21, 2010

(Print or Type Responses)

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

OMB APPROVAL

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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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement INTERNATIONAL BUSINESS MACHINES CORP Rhodin Michael D. (Month/Day/Year) [IBM] 01/12/2010 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) IBM CORPORATION, Â 5 (Check all applicable) TECHNOLOGY PARK DR.,

WESTFORD TECH CTR _ Director (Street)

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

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

Form filed by More than One Reporting Person

WESTFORD, MAÂ 01886

(City) (State) (Zip)

Table I - Non-Derivative Securities Beneficially Owned

1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	1,793.6421	D	Â
Common Stock	50	I (1)	son
Common Stock	50	I (1)	daughter 1
Common Stock	50	I (1)	daughter 2

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

SEC 1473 (7-02)

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

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1. Title of Derivative Security (Instr. 4) 2. Date Exercisable and Expiration Date (Month/Day/Year)		ole and	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
Date Exercisable Expiration Date	*	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)		
Emp. Stock Option (right to buy)	05/08/2010(2)	05/07/2017	Common Stock	2,642	\$ 102.8	D	Â
Rst. Stock Unit	(3)	(3)	Common Stock	1,954	\$ 0	D	Â
Rst. Stock Unit	(4)	(4)	Common Stock	4,206	\$ 0	D	Â
Rst. Stock Unit	(5)	(5)	Common Stock	1,974	\$ 0	D	Â
Rst. Stock Unit	(6)	(6)	Common Stock	14,564	\$ 0	D	Â
Rst. Stock Unit	(7)	(7)	Common Stock	8,772	\$ 0	D	Â
Phantom Stock Unit	(8)	(8)	Common Stock	3,557	\$ 0	D	Â

Reporting Owners

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

Signatures

D. Cummins on behalf of M. D. Rhodin 01/21/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) This grant vests in its entirety on the date shown above.
- (3) These units are payable in cash or the company's common stock upon lapse of the restrictions on May 8, 2010.

(4)

Reporting Owners 2

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Upon lapse of the restrictions, these units are payable in cash or the company's common stock. The restrictions lapse for 2,103 of the units on May 8, 2010 and for 2,103 of the units on May 8, 2012.

- (5) These units are payable in cash or the company's common stock upon lapse of the restrictions on May 8, 2011.
- (6) These units are payable in cash or the company's common stock upon lapse of the restrictions on September 4, 2012.
- (7) These units are payable in cash or the company's common stock upon lapse of the restrictions on December 21, 2014.
- Phantom stock units acquired under the IBM Excess 401(k) Plus Plan convert to the cash value of the company's common stock on a one-for-one basis, and distribution is deferred until separation from the company. The reporting person may transfer some of these phantom stock units into an alternative investment account under such plan.

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.