Arnold Colleen F. Form 3 January 21, 2010

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF 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)

Name and Address of Reporting Person * Â Arnold Colleen F.			2. Date of Event Requiring Statement (Month/Day/Year)	INTERNA	3. Issuer Name and Ticker or Trading Symbol INTERNATIONAL BUSINESS MACHINES CORP [IBM]					
(Last)	(First)	(Middle)	01/12/2010	4. Relations	4. Relationship of Reporting Person(s) to Issuer (Check all applicable)		5. If Amendment, Date Origin Filed(Month/Day/Year)			
IBM CORPOROUTE 100		r, 294					rneu(Monun Day/Tear)			
(Street) SOMERS, NY 10589				X_ Office (give title below)	Director10% COfficerOther (give title below) (specify below Senior Vice President		w) _X_ Form filed by One Reporting			
(City)	(State)	(Zip)	Table I	- Non-Deriva	Non-Derivative Securities Beneficially Owned					
1.Title of Security (Instr. 4)		Beneficia	2. Amount of Securities Beneficially Owned (Instr. 4)			ture of Indirect Beneficial ership . 5)				
Common Sto	ock		22,637.	.514	D	Â				
Common Stock Common Stock Common Stock			3,524		I (1)		trust son daughter			
			130							
			130		I (1)	daug				
Reminder: Repo	•		ach class of securities ben	eficially	SEC 1473 (7-02	2)				
	Perso inform	ons who respond	pond to the collection ained in this form are	not						

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

currently valid OMB control number.

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1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	
Emp. Stock Option (right to buy)	05/08/2009(2)	05/07/2016	Common Stock	1,560	\$ 82.76	D	Â
Emp. Stock Option (right to buy)	05/08/2010(3)	05/07/2017	Common Stock	1,172	\$ 102.8	D	Â
Rst. Stock Unit	(4)	(4)	Common Stock	3,125	\$ 0	D	Â
Rst. Stock Unit	(5)	(5)	Common Stock	2,369	\$ 0	D	Â
Rst. Stock Unit	(6)	(6)	Common Stock	12,196	\$ 0	D	Â
Rst. Stock Unit	(7)	(7)	Common Stock	9,709	\$ 0	D	Â
Rst. Stock Unit	(8)	(8)	Common Stock	4,206	\$ 0	D	Â
Phantom Stock Unit	(9)	(9)	Common Stock	3,371	\$ 0	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Arnold Colleen F.						
IBM CORPORATION	â	â	Senior Vice President	â		
294 ROUTE 100	A	А	A Sellioi vice Fresident	A		
SOMERS. NY 10589						

Signatures

D. Cummins on behalf of C.F. O1/21/2010

**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 vested in its entirety on the date shown above.

Reporting Owners 2

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- (3) This grant vests in its entirety on the date shown above.
- (4) These units are payable in cash or the company's common stock upon lapse of the restrictions on May 8, 2010.
- (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 October 25, 2010.
- (7) These units are payable in cash or the company's common stock upon lapse of the restrictions on September 4, 2012.
- (8) Upon lapse of the restrictions, these units are payble 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.
- 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.