

INTERNATIONAL BUSINESS MACHINES CORP
 Form 4
 May 19, 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 *
 MACDONALD J RANDALL

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)

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

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)

IBM CORPORATION, ONE NEW ORCHARD ROAD

05/18/2010

Senior Vice President

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

ARMONK, NY 10504

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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	05/18/2010		S		171 D \$ 130.444	86,918.086	D
Common Stock	05/18/2010		S		1,100 D \$ 130.448	85,818.086	D
Common Stock	05/18/2010		S		100 D \$ 130.45	85,718.086	D
Common Stock	05/18/2010		S		100 D \$ 130.4504	85,618.086	D
Common Stock	05/18/2010		S		100 D \$ 130.462	85,518.086	D

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Common Stock	05/18/2010	S	1,000	D	\$ 130.491	84,518.086	D
Common Stock	05/18/2010	S	100	D	\$ 130.492	84,418.086	D
Common Stock	05/18/2010	S	7,315	D	\$ 130.58	77,103.086	D
Common Stock	05/18/2010	S	1,200	D	\$ 130.59	75,903.086	D
Common Stock	05/18/2010	S	900	D	\$ 130.6	75,003.086	D
Common Stock	05/18/2010	S	3,223	D	\$ 130.61	71,780.086	D
Common Stock	05/18/2010	S	13,087	D	\$ 130.62	58,693.086	D
Common Stock	05/18/2010	S	5,600	D	\$ 130.63	53,093.086	D
Common Stock	05/18/2010	S	200	D	\$ 130.639	52,893.086	D
Common Stock	05/18/2010	S	1,515	D	\$ 130.64	51,378.086	D
Common Stock	05/18/2010	S	900	D	\$ 130.645	50,478.086	D
Common Stock	05/18/2010	S	1,668	D	\$ 130.65	48,810.086	D
Common Stock	05/18/2010	S	1,440	D	\$ 130.66	47,370.086	D
Common Stock	05/18/2010	S	1,500	D	\$ 130.67	45,870.086	D
Common Stock	05/18/2010	S	1,397	D	\$ 130.68	44,473.086	D

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

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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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned
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Derivative Security	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Instr. 3 and 4)	Own Follo Repo Trans (Instr
	Code V (A) (D)	Date Exercisable	Expiration Date
		Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MACDONALD J RANDALL IBM CORPORATION ONE NEW ORCHARD ROAD ARMONK, NY 10504			Senior Vice President	

Signatures

D. Cummins on behalf of J. R.
MacDonald 05/19/2010

__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).

Remarks:

Additional transactions are shown on a subsequent Form 4.

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.