Tandy Karen P. Form 4 February 24, 2011

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

OMB 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Number: January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

burden hours per response... 0.5

See Instruction 1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Tandy Karen P.

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

Motorola Solutions, Inc. [MSI]

(Check all applicable)

1303 E. ALGONQUIN ROAD

3. Date of Earliest Transaction

Code V

(Month/Day/Year)

Director 10% Owner Other (specify

02/22/2011

X_ Officer (give title below)

SVP, Public Affairs

4. If Amendment, Date Original

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

Filed(Month/Day/Year)

X 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

SCHAUMBURG, IL 60196

1.Title of 2. Transaction Date 2A. Deemed 3. Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

(Middle)

(Zip)

4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Beneficial Indirect (I) Ownership Owned Following (Instr. 4) (Instr. 4) Reported

(A)

Transaction(s) (Instr. 3 and 4)

Amount (D) Price

Motorola Solutions.

02/22/2011 Inc.

A 11,917 A \$0 46,671

D

Common Stock

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. Transactic Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration E (Month/Day.	ate	7. Title and Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 38.04	02/22/2011		A	54,313	<u>(1)</u>	02/22/2021	Common Stock	54,313

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Tandy Karen P.							
1303 E. ALGONQUIN ROAD			SVP, Public Affairs				
SCHAUMBURG, IL 60196							

Signatures

Kristin L. Kruska on behalf of Karen P. Tandy, Senior Vice President, Public Affairs (Power of Attorney on File)

02/24/2011

**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 options vest in three equal annual installments beginning on February 22, 2012.

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.

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