MOON MARK F Form 4 May 09, 2013

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

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

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** MOON MARK F	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	Motorola Solutions, Inc. [MSI]	(Check all applicable)			
(Last) (First) (Middle)	3. Date of Earliest Transaction				
MOTOROLA SOLUTIONS, INC., 1303 E. ALGONQUIN ROA	(Month/Day/Year) 05/07/2013 D	Director 10% OwnerX Officer (give title Other (specify below) below) EVP & Pres, Sales & Prod Ops			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SCHAUMDUDG II 60106	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			

SCHAUMBURG, IL 60196

(Ctata)

(City)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned						ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		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)	
Motorola Solutions,			Code V	Amount	(D)	Price			
Inc Common Stock	05/07/2013		F	280	D	\$ 56.79	61,547.114	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Person

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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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security or E (Instr. 3) Pric Deri		or Exercise Price of Derivative Security	(Month/Day/Tear)	any (Month/Day/Year)	Code (Instr. 8)	of (Month/Day/Year)			Underlying Se	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr	
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address Officer Other Director 10% Owner

MOON MARK F MOTOROLA SOLUTIONS, INC. 1303 E. ALGONQUIN ROAD SCHAUMBURG, IL 60196

EVP & Pres, Sales & Prod Ops

Signatures

Kristin L. Kruska, on behalf of Mark F. Moon, Executive Vice President & President, Sales and Product Operations (Power of Attorney on File)

05/09/2013

**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) Includes shares acquired under the Motorola Solutions Employee Stock Purchase Plan and through the reinvestment of dividends.

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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