

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>MILLS LINDA A</u> (Last) (First) (Middle) <u>1840 CENTURY PARK EAST</u> (Street) <u>LOS ANGELES CA 90067</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>NORTHROP GRUMMAN CORP /DE/ [NOC]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Corp. VP & Pres Info Sys</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/04/2011</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	05/04/2011		M		8,750	A	\$47.99	100,589 ⁽¹⁾	D	
Common Stock	05/04/2011		S		8,750	D	\$65.07 ⁽²⁾	91,839 ⁽¹⁾	D	
Common Stock								14,851.5921 ⁽³⁾	I	Linda Anne Mills Living Trust U/A 3/27/00
Common Stock								8,766.5203	I	See footnote ⁽⁴⁾

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right-to-Buy)	\$47.99	05/04/2011		M		8,750		06/14/2005 ⁽⁵⁾	06/14/2014	Common Stock	8,750	\$47.99	0	D	
SEP Unit	(6)							(7)	(7)	Common Stock	964.4615		964.4615	D	

Explanation of Responses:

- Total amount includes 23,953 unvested Restricted Performance Stock Rights ("RPSRs") granted under the 2001 Long-Term Incentive Stock Plan ("LTISP") on 2/17/09, with a valuation of performance measurement period ("measurement period") ending on 12/31/11; 31,719 unvested RPSRs granted under the LTISP on 2/16/10, with the measurement period ending on 12/31/12; 15,168 unvested RPSRs granted under the LTISP on 2/15/11, with the measurement period ending on 12/31/13; and 15,168 Restricted Stock Rights granted under the LTISP on 2/15/11 and cliff vests 100% on the fourth anniversary from the grant date on 2/15/15. Grants awarded pursuant to Rule 16b-3(d).
- Represents the weighted average sale price of \$65.07 rounded to the nearest hundredths. The highest price at which the shares sold was \$65.081 and the lowest price at which the shares sold was \$65.060.
- Amount includes total 894,5921 dividend reinvestment shares acquired through March 2011 which transactions are exempt from Section 16 and not reportable under Rule 16a-11.
- Held in the Northrop Grumman Savings and Investment Plan, a qualified profit sharing plan, as of March 31, 2011. Share totals with respect to the Plan are based upon unit accounting and therefore may reflect a decrease in units attributable to an individual though no disposition occurred.
- The option was first exercisable on 6/14/2005 and has no remaining installments.
- SEP units credited under the Northrop Grumman Savings Excess Plan (the "SEP Plan"), a non-qualified deferred compensation plan, as of March 31, 2011. The value of each unit is based on the price of Issuer common stock, although share totals with respect to the SEP Plan are based upon unit accounting and therefore may reflect a decrease in units attributable to an individual though no disposition occurred.
- SEP units are payable in cash following termination of the Reporting Person's employment with the Issuer.

/s/ Kathleen M. Salmas,
Attorney-in-Fact for Linda A. Mills 05/05/2011

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.