

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

| OMB APPROVAL | |
|--|-----------|
| OMB Number: | 3235-0287 |
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| | | |
|--|---|--|
| 1. Name and Address of Reporting Person* <u>NORTHROP GRUMMAN CORP /DE/</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>ENDWAVE CORP [ENWV]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below) |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>08/29/2005</u> | |
| | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |

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 ⁽¹⁾ | 08/29/2005 | | S | | 1,700 | D | \$29.01 | 1,893,928 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 100 | D | \$29.07 | 1,893,828 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 4,439 | D | \$29.1 | 1,889,389 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 3,500 | D | \$29.14 | 1,885,889 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 190 | D | \$29.2 | 1,885,699 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 100 | D | \$29.21 | 1,885,599 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 1,500 | D | \$29.24 | 1,884,099 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 100 | D | \$29.25 | 1,883,999 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 2,000 | D | \$29.26 | 1,881,999 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 200 | D | \$29.27 | 1,881,799 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 20 | D | \$29.29 | 1,881,779 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 865 | D | \$29.3 | 1,880,914 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 99 | D | \$29.31 | 1,880,815 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 100 | D | \$29.32 | 1,880,715 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 200 | D | \$29.34 | 1,880,515 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 3,336 | D | \$29.35 | 1,877,179 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 2,300 | D | \$29.36 | 1,874,879 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 3,514 | D | \$29.37 | 1,871,365 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 1,000 | D | \$29.38 | 1,870,365 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 1,600 | D | \$29.42 | 1,868,765 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 2,300 | D | \$29.43 | 1,866,465 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 350 | D | \$29.45 | 1,866,115 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 200 | D | \$29.5 | 1,865,915 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 100 | D | \$29.6 | 1,865,815 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 899 | D | \$29.62 | 1,864,916 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 100 | D | \$29.65 | 1,864,816 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 181 | D | \$29.7 | 1,864,635 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 2,000 | D | \$29.75 | 1,862,635 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 2,000 | D | \$29.76 | 1,860,635 | D | |
| Common Stock ⁽¹⁾ | 08/29/2005 | | S | | 2,400 | D | \$29.79 | 1,858,235 | D | |

**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 | | | | | |

1. Name and Address of Reporting Person*
[NORTHROP GRUMMAN CORP /DE/](#)

 (Last) (First) (Middle)
1840 CENTURY PARK EAST

 (Street)
LOS ANGELES CA 90067

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
[NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORP](#)

 (Last) (First) (Middle)
1840 CENTURY PARK EAST

 (Street)
LOS ANGELES CA 90067

 (City) (State) (Zip)

Explanation of Responses:
 1. Par value \$0.001 per share.

Remarks:

This is one of three Form 4s to accommodate a total of 65 transaction lines reportable in Table I for multiple sale transactions on the event date August 29, 2005.

[/s/ John H. Mullan, Corporate Vice President and Secretary](#) 08/29/2005

** 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.

Form 4 Joint Filer Information

Name: Northrop Grumman Space & Mission Systems Corp.,
an Ohio corporation
Address: 1840 Century Park East
Los Angeles, CA 90067
Designated Filer: Northrop Grumman Corporation
Issuer & Ticker Symbol: NOC
Date of Event
Requiring Statement: 08/29/2005
Signature:

By: /s/ Kathleen M. Salmas

Kathleen M. Salmas
Secretary