

**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                                 |           |
|--|-----------|
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|   |                      |          |   |  |  |  |  |  |
|---|----------------------|----------|---|--|--|--|--|--|
| 1. Name and Address of Reporting Person*<br><u>NORTHROP GRUMMAN CORP /DE/</u> |                      |          | 2. Issuer Name and Ticker or Trading Symbol<br><u>ENDWAVE CORP [ ENWV ]</u> |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director <input checked="" type="checkbox"/> 10% Owner<br><br>Officer (give title below) <input type="checkbox"/> Other (specify below) <input type="checkbox"/> |  |  |
| (Last)  | (First)              | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>09/09/2005</u>       |  |  |  |  |  |
| 1840 CENTURY PARK EAST  |                      |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                    |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person                                 |  |  |
| (Street)  | LOS ANGELES CA 90067 |          |   |  |  |  |  |  |
| (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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 1,677   | D          | \$28.54 | 1,362,403   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 6,900   | D          | \$28.55 | 1,355,503   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 200   | D          | \$28.56 | 1,355,303   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 700   | D          | \$28.6  | 1,354,603   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 100   | D          | \$28.61 | 1,354,503   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 19  | D          | \$28.64 | 1,354,484   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 200   | D          | \$28.7  | 1,354,284   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 1,000   | D          | \$28.72 | 1,353,284   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 100   | D          | \$28.74 | 1,353,184   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 1,500   | D          | \$28.75 | 1,351,684   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 500   | D          | \$28.76 | 1,351,184   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 900   | D          | \$28.8  | 1,350,284   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 200   | D          | \$28.81 | 1,350,084   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 200   | D          | \$28.82 | 1,349,884   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 1,000   | D          | \$28.84 | 1,348,884   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 100   | D          | \$28.85 | 1,348,784   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 172   | D          | \$28.86 | 1,348,612   | D  |   |
| Common Stock <sup>(1)</sup>     | 09/09/2005                           |  | S                              |   | 300   | D          | \$28.87 | 1,348,312   | 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) |   | 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) |   |  |  |   |  |

|   |         |          |
|---|---------|----------|
| 1. Name and Address of Reporting Person*<br><u>NORTHROP GRUMMAN CORP /DE/</u> |         |          |
| (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 two Form 4s to accommodate a total of 48 transaction lines reportable in Table I for multiple sale transactions on the event date September 9, 2005.

/s/ John H. Mullan, Corporate 09/09/2005  
Vice President and Secretary

\*\* 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: 09/09/2005  
Signature:

By: /s/ Kathleen M. Salmas

Kathleen M. Salmas  
Secretary