

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
RADIO STATION CONSTRUCTION PERMIT  
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD      FX MO

(Class of Station)

WD2XDM

(Call Sign)

0012-EX-ML-2004

(File Number)

NAME Northrop Grumman

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d, i) of the Commission's Rules

Station Locations

(1) Herndon (FAIRFAX), VA - NL 38-57-28; WL 77-25-30; MOBILE: , within 2 km

Frequency Information

Herndon (FAIRFAX), VA - NL 38-57-28; WL 77-25-30; MOBILE: , within 2 km

| Frequency   | Station Class | Emission Designator | Authorized Power    | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|---------------------|---------------------------|
| 752.625 MHz | MO            | 1M25D7D             | 20 W (Output Power) | 0.1 %                     |
| 800.625 MHz | FX            | 1M25D7D             | 20 W (Output Power) | 0.1 %                     |

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (3) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Ronald Haraseth; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir@sbe.org](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).

This authorization effective February 23, 2004 and  
will expire 3:00 A.M. EST March 01, 2006

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COMMUNICATIONS  
COMMISSION**

