

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WB2XIY

(Call Sign)

0172-EX-RR-2011

(File Number)

NAME Northrop Grumman Systems Corporation

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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: Anne Arundel, MD, Airborne, up to 5500 meters amsl, within 370 km, centered around NL 39-11-01; WL 76-41-09
- (2) MOBILE: Fort Drum, NY, Airborne, up to 5500 meters amsl, within 80 km, centered around NL 43-31-00; WL 75-36-00

Frequency Information

MOBILE: Anne Arundel, MD, Airborne, up to 5500 meters amsl, within 370 km, centered around NL 39-11-01; WL 76-41-09

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 420-450 MHz | MO            | 2M95Q0N<br>5M53Q0N  | 100 kW (ERP)     |                           |

MOBILE: Fort Drum, NY, Airborne, up to 5500 meters amsl, within 80 km, centered around NL 43-31-00; WL 75-36-00

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This authorization effective May 01, 2011 and  
will expire 3:00 A.M. EST May 01, 2014

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



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|-------------|------------------|------------------------|---------------------|------------------------------|
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**Special Conditions:**

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.