

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WB2XGK

(Call Sign)

0142-EX-RR-2005

(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(d, h) of the Commission's Rules

Station Locations

- (1) Hanover (ANNE ARUNDEL), MD - NL 39-11-09; WL 76-42-10
- (2) Linthicum (ANNE ARUNDEL), MD - NL 39-10-45; WL 76-41-22

Frequency Information

Hanover (ANNE ARUNDEL), MD - NL 39-11-09; WL 76-42-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M33M1D	200 kW (ERP)	
3000-3100 MHz	FX	1M25Q0N	90.2 MW (ERP)	

This authorization effective November 01, 2005 and
will expire 3:00 A.M. EST November 01, 2007

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COMMUNICATIONS
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Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-10-45; WL 76-41-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M33M1D	200 kW (ERP)	
3000-3100 MHz	FX	1M25Q0N	90.2 MW (ERP)	

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.
- (3) For 3000-3100 MHz operation: pw = 15, 90, 245 usec; prf = 250, 275, 300, 650, 825 Hz.
- (4) For 1030 MHz operation: pw = 0.8 usec; prf = 250, 275 Hz; blank sector from 45-70 degrees referenced to true north.
- (5) This frequency assignment on 1030 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, New York. Use of this frequency under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, New York, as necessary to ensure compatibility with existing uses.