

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

EXPERIMENTAL

(Nature of Service)

XE FX

(Class of Station)

WH2XKY

(Call Sign)

0079-EX-CR-2016

(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(c) of the Commission's Rules

Station Locations

- (1) Hanover (ANNE ARUNDEL), MD - NL 39-11-10; WL 76-42-10
- (2) Sykesville (CARROLL), MD - NL 39-22-30; WL 76-57-45
- (3) Linthicum (ANNE ARUNDEL), MD - NL 39-10-45; WL 76-41-22
- (4) Annapolis (ANNE ARUNDEL), MD - NL 39-00-19; WL 76-24-35
- (5) Georgetown (SUSSEX), DE - NL 38-41-20; WL 75-21-32

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2910-3100 MHz	FX	4M00Q3N	90 MW (ERP)	

Sykesville (CARROLL), MD - NL 39-22-30; WL 76-57-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2910-3100 MHz	FX	4M00Q3N	90 MW (ERP)	

This authorization effective November 01, 2016 and
will expire 3:00 A.M. EST November 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2910-3100 MHz	FX	4M00Q3N	90 MW (ERP)	

Annapolis (ANNE ARUNDEL), MD - NL 39-00-19; WL 76-24-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2910-3100 MHz	FX	4M00Q3N	90 MW (ERP)	

Georgetown (SUSSEX), DE - NL 38-41-20; WL 75-21-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2910-3100 MHz	FX	4M00Q3N	90 MW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Transmissions shall be blanked in the direction of 225-280 degrees referenced to true north.