

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

EXPERIMENTAL

(Nature of Service)

WJ2XQM

(Call Sign)

XT FX MO

(Class of Station)

0277-EX-CN-2018

(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(j) of the Commission's Rules

Station Locations

- (1) Hanover (ANNE ARUNDEL), MD - NL 39-11-06; WL 76-42-22
- (2) Linthicum (ANNE ARUNDEL), MD - NL 39-11-01; WL 76-41-03
- (3) MOBILE: Georgetown, DE: max altitude 18,000 feet MSL, within 60 km, centered around NL 38-41-13; WL 75-40-21

Frequency Information

Hanover (ANNE ARUNDEL), MD - NL 39-11-06; WL 76-42-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
445 MHz	FX	10M0N0N	500 W (ERP)	

Linthicum (ANNE ARUNDEL), MD - NL 39-11-01; WL 76-41-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
445 MHz	FX	10M0N0N	500 W (ERP)	

This authorization effective October 04, 2018 and
will expire 3:00 A.M. EST October 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Georgetown, DE: max altitude 18,000 feet MSL, within 60 km, centered around NL 38-41-13; WL 75-40-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
130 MHz	MO	50K0N0N	200 kW (ERP)	
139 MHz	MO	50K0N0N	200 kW (ERP)	
143 MHz	MO	50K0N0N	200 kW (ERP)	
445 MHz	MO	10M0N0N	200 kW (ERP)	
902.5 MHz	MO	600KN0N	200 kW (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (4) Northrop Grumman must obtain consent from Location & Monitoring Service licensees (902-928 MHz) within 80 km of the test area.