

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WN9XIH

(Call Sign)

XT FX MO

(Class of Station)

0804-EX-ST-2018

(File Number)

NAME Northrop Grumman Systems Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Test a wide bandwidth antenna with waveforms for future radar development.

Station Locations

- (1) Linthicum (ANNE ARUNDEL), MD - NL 39-10-46; WL 76-41-21
- (2) MOBILE: Pocomoke, MD: airborne max altitude 17,500 ft, within 300 km, centered around NL 38-00-00; WL 75-30-00

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-10-46; WL 76-41-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8700 MHz	FX	80M0P0N 80M0Q1N	4800 W (ERP)	
9600 MHz	FX	80M0P0N 80M0Q1N	4800 W (ERP)	

This authorization effective September 13, 2018 and
will expire 3:00 A.M. EST March 13, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Pocomoke, MD: airborne max altitude 17,500 ft, within 300 km, centered around NL 38-00-00; WL 75-30-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8700 MHz	MO	80M0P0N 80M0Q1N	4.8 kW (ERP)	
9600 MHz	MO	80M0P0N 80M0Q1N	4.8 kW (ERP)	

Special Conditions:

- (1) NTIA objects to the use of 16400 MHz due to potential interference with ongoing operations.