

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

EXPERIMENTAL

(Nature of Service)

WR9XLE

(Call Sign)

XC MO

(Class of Station)

1870-EX-ST-2020

(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:

The purpose of the operation, pursuant to government contract, is to study, analyze, design, develop, prototype and test technology microelectronics and algorithm solutions to enable risk

Station Locations

- (1) MOBILE: Max altitude 24,000 feet AMSL Linthicum, MD, within 160 km, centered around NL 39-11-09; WL 76-41-11

Frequency Information

MOBILE: Max altitude 24,000 feet AMSL Linthicum, MD, within 160 km, centered around NL 39-11-09; WL 76-41-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3-3.55 GHz	MO	2M00P0N 50K0P0N 200MQ3N	22 kW (ERP)	

Special Conditions:

- (1) Northrop Grumman Systems Corporation may not operate in the 7.25 - 7.9 GHz band due to potential interference to ongoing federal operations.

This authorization effective January 21, 2021 and
will expire 3:00 A.M. EST July 16, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Northrop Grumman Systems Corporation should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (3) All operations shall be coordinated with the Wallops Flight Facility Spectrum Manager, Felipe Arroyo at 757.824.1623 or felipe.arroyo-1@nasa.gov, and Langley Research Center (LaRC) Spectrum Management Office, Stephen Horan (stephen.j.horan@nasa.gov) and Lee Joyce (lee.joyce@nasa.gov), at least 7 days prior to operation.