

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WO9XWU

(Call Sign)

1212-EX-ST-2019

(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:

Support of the "A.8" over the horizon telemetry enhancement to the Minotaur IV Launch Vehicle.

Station Locations

(1) Chandler (MARICOPA), AZ - NL 33-15-15; WL 111-53-11

Frequency Information

Chandler (MARICOPA), AZ - NL 33-15-15; WL 111-53-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2211 MHz	FX	64K0F3D	6.9 W (ERP)	

Special Conditions:

- (1) All operations shall be limited to communications to support USAF Space and Missile Systems Center (SMC), Orbital / Suborbital Program - 3 (OSP-3) contract FA8818-13-D-0001, Task Order FA8818-18-F-0004.
- (2) Northrop Grumman Systems Corporation operations requires to provide the Air Force (Jimmy.Nguyen@us.af.mil) with the stop buzzer POC information for operations.

This authorization effective July 16, 2019 and
will expire 3:00 A.M. EST January 15, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Due to potential harmful interference to naval activities, Northrop Grumman Systems Corporation RF operations plan and operating schedules shall be submitted, as soon as possible, prior to the start of operations, to the Naval Surface Warfare Center, Dahlgren Division (NSWCDD), Mr. James Moneyhon (540)653-3477, or james.moneyhon@navy.mil, for assessment and deconfliction with on-going Navy/DoD test activities.