

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

EXPERIMENTAL

(Nature of Service)

WO9XXY

(Call Sign)

XC FX MO

(Class of Station)

1065-EX-ST-2019

(File Number)

NAME Lockheed Martin 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:

Applicant wishes to test a new communications architecture. Preliminary testing will be conducted on a short-term basis to perform initial validation.

Station Locations

- (1) Owego (TIOGA), NY - NL 42-05-51; WL 76-13-28; MOBILE: Within 20 nm of coordinates, within 37 km, centered around NL 42-05-51; WL 76-13-28

Frequency Information

Owego (TIOGA), NY - NL 42-05-51; WL 76-13-28; MOBILE: Within 20 nm of coordinates, within 37 km, centered around NL 4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
243-270 MHz	FX	25K0F1E 25K0G1E 8K00G1E	4 W (ERP)	
290-318 MHz	MO	25K0F1E 25K0G1E	200 W (ERP)	

This authorization effective July 24, 2019 and
will expire 3:00 A.M. EST November 12, 2019

**FEDERAL
COMMUNICATIONS
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Frequency Information

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290-318 MHz	MO	8K00G1E	200 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Lockheed Martin Corporation must coordinate with the MAG for frequency usage that will avoid Annex A channels in the requested bands:
 - a. Khan Carter, khan.carter.1@us.af.mil, or Arthur Hamilton, Arthur.hamilton.1@us.af.mil.
- (4) Lockheed Martin Corporation must notch out 242.650 MHz (+/- 12.5 kHz), 243.000 MHz (+/- 3 kHz), and 303.250 MHz (+/- 12.5 kHz) in order to avoid interference to Search and Rescue operations.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number N00019-14-C-0050. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.