

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

EXPERIMENTAL

(Nature of Service)

XE FX

(Class of Station)

WC2XRO

(Call Sign)

0473-EX-ST-2001

(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:

Development, testing, production and delivery of radar systems to fulfill foreign government contracts.

Station Locations

- (1) Syracuse (within 1 km) (ONONDAGA), NY - NL 43-06-43; WL 76-11-18
- (2) East Syracuse (within 1 km) (ONONDAGA), NY - NL 43-05-20; WL 76-05-53
- (3) Cazenovia (within 1 km) (ONONDAGA), NY - NL 42-52-36; WL 75-55-27

Frequency Information

Syracuse (within 1 km) (ONONDAGA), NY - NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M00M1D	126 kW (ERP)	
1261-1289 MHz	FX	17M9Q7N	215 MW (ERP)	
1353-1392 MHz	FX	17M9Q7N	215 MW (ERP)	

East Syracuse (within 1 km) (ONONDAGA), NY - NL 43-05-20; WL 76-05-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M00M1D	126 kW (ERP)	

This authorization effective January 23, 2002 and
will expire 3:00 A.M. EST July 01, 2002

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

East Syracuse (within 1 km) (ONONDAGA), NY - NL 43-05-20; WL 76-05-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1261-1289 MHz	FX	17M9Q7N	215 MW (ERP)	
1353-1392 MHz	FX	17M9Q7N	215 MW (ERP)	

Cazenovia (within 1 km) (ONONDAGA), NY - NL 42-52-36; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M00M1D	126 kW (ERP)	
1261-1289 MHz	FX	17M9Q7N	215 MW (ERP)	
1353-1392 MHz	FX	17M9Q7N	215 MW (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) Sector Blanking for Ft. Drum, NY is required for operation in the 1353-1392 MHz band.
- (3) Emission characteristics for 1030 MHz shall be as follows: Vertical Polarization; PRF = 215-225 Hz Staggered; Pulse Pair(P1,P3) Spacing - Mode-1: 3.0 +/- 0.1 us, Mode-2: 5.0 +/- 0.2 us, Mode-3A: 8.0 +/- 0.2 us; Mode-C: 21.0 +/- 0.2 us.