

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WC2XRF

(Call Sign)

0408-EX-ST-2003

(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:

To continue development and demonstration of systems operations in varying conditions.

Station Locations

- (1) MOBILE: 10 KMRA of sites located at STL - Sandlake Rd. Orlando, Orange Cty, CL and ETS Tramway Rd. Bithlo, Orange County, FL, centered around NL 28-26-44; WL 81-27-07
- (2) MOBILE: 10 KMRA of sites located at STL - Sandlake Rd. Orlando, Orange Cty, CL and ETS Tramway Rd. Bithlo, Orange County, FL, centered around NL 28-22-36; WL 81-04-54
- (3) MOBILE: Truck mounted unit will operate within 10 km of center coordinates, centered around NL 38-32-00; WL 104-55-00
- (4) MOBILE: 15 KMRA of DoD test facilities located in Yuma, AZ, within 15 km, centered around NL 32-55-30; WL 114-24-01

Frequency Information

MOBILE: 10 KMRA of sites located at STL - Sandlake Rd. Orlando, Orange Cty, CL and ETS Tramway Rd. Bithlo, Orange County, FL, centered around NL 28-26-44; WL 81-27-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
34.5-35.5 GHz	MO			

This authorization effective November 04, 2003 and
will expire 3:00 A.M. EST April 28, 2004

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 10 KMRA of sites located at STL - Sandlake Rd. Orlando, Orange Cty, CL and ETS Tramway Rd. Bithlo, Orange County, FL, centered around NL 28-22-36; WL 81-04-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
34.5-35.5 GHz	MO			

MOBILE: Truck mounted unit will operate within 10 km of center coordinates, centered around NL 38-32-00; WL 104-55-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
34.5-35.5 GHz	MO			

MOBILE: 15 KMRA of DoD test facilities located in Yuma, AZ, within 15 km, centered around NL 32-55-30; WL 114-24-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
34.5-35.5 GHz	MO			

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the specified U.S. Government contract. 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.