

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WA2XNA

(Call Sign)

0208-EX-ST-2005

(File Number)

NAME Center for Severe Weather Research

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:

Providing communications between weather research vehicles for a National Science Foundation sponsored severe weather and weather radar study.

Station Locations

- (1) MOBILE: Within the states of WY, CO, NM, ND, SD, NE, KS, OK, TX, MN, IA, WI, MO, AR, LA, MS, AL, FL, GA, SC, NC

Frequency Information

MOBILE: Within the states of WY, CO, NM, ND, SD, NE, KS, OK, TX, MN, IA, WI, MO, AR, LA, MS, AL, FL, GA, SC, NC

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151.7 MHz	MO	10K0H1W	50 W (ERP)	
151.76 MHz	MO	10K0H1W	50 W (ERP)	
151.82 MHz	MO	10K0H1W	50 W (ERP)	

This authorization effective May 01, 2005 and
will expire 3:00 A.M. EST November 02, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within the states of WY, CO, NM, ND, SD, NE, KS, OK, TX, MN, IA, WI, MO, AR, LA, MS, AL, FL, GA, SC, NC

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151.94 MHz	MO	10K0H1W	50 W (ERP)	
163.1 MHz	MO	10K0H1W	50 W (ERP)	
163.7125 MHz	MO	10K0H1W	50 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) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by National Science Foundation contract numbers NSF-ATM-9703032 and NSF-ATM-0079791. 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.
- (4) Licensee is to be careful to use only those frequencies set forth above that are the best suitable in each given area.
- (5) The frequencies 163.1 MHz and 163.7125 MHz are common use government frequencies and may have occasional usage by government entities. Licensee is subordinate to these operations and must share the frequencies.
- (6) Operation on 163.1 MHz within 15 miles of Houston, TX must be coordinated with Ms. Cathy Sham at 281-483-0124.