

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

EXPERIMENTAL

(Nature of Service)

WD9XAV

(Call Sign)

XT MO

(Class of Station)

0428-EX-ST-2007

(File Number)

NAME Raytheon Company

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:**

Raytheon Network Centric Systems (NCS) has been developing a communications system that can be used without infrastructure; this is especially essential during a disaster as Katrina.

**Station Locations**

- (1) MOBILE: Orlando (ORANGE), FL, within 20 km, centered around NL 28-21-18; WL 81-31-23

**Frequency Information**

MOBILE: Orlando (ORANGE), FL, within 20 km, centered around NL 28-21-18; WL 81-31-23

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 225-450 MHz | MO            | 5M00M9W             | 5 W (ERP)        |                           |
| 900-930 MHz | MO            | 5M00M9W             | 5 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.

This authorization effective October 26, 2007 and  
will expire 3:00 A.M. EST November 01, 2007

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



Special Conditions:

- (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) Operations are subject to prior coordination Multiple Address Service and Multiple Address Systems licensees in using the 928-929 MHz band.
- (4) Operation only use the frequencies M422.75, M427.75, M432.75, M437.75, M442.75 and M447.75 for the 225 - 450 MHz band.
- (5) No operations are in the use of the frequency band 1755 - 1785 MHz band.
- (6) Required all use be restricted to ground use.
- (7) Licensee needs to provide a point of contact to the Eastern Area Frequency Coordinator, Mr. Dick Akers, phone 321-494-5838.