

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

EXPERIMENTAL

(Nature of Service)

WD9XWB

(Call Sign)

XD FX MO

(Class of Station)

0299-EX-ST-2009

(File Number)

NAME Raytheon Network Centric Systems

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) to demonstrate The Los Angeles Regional Interoperable Communication System (LA-RICS) will remedy the communication challenges.

Station Locations

- (1) Fullerton (ORANGE), CA - NL 33-52-48; WL 117-57-19; MOBILE: Fullerton (ORANGE), CA, within 60 km, centered around NL 33-52-48; WL 117-57-19
- (2) Ontario (SAN BERNARDINO), CA - NL 34-03-44; WL 117-39-03; MOBILE: , within 50 km
- (3) Marlborough (MIDDLESEX), MA - NL 42-20-23; WL 71-30-13; MOBILE: , within 50 km

Frequency Information

Fullerton (ORANGE), CA - NL 33-52-48; WL 117-57-19; MOBILE: Fullerton (ORANGE), CA, within 60 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151-157 MHz	MO	6K25F9W	6 W (ERP)	
450-470 MHz	MO	6K25F9W	6 W (ERP)	

This authorization effective July 01, 2009 and
will expire 3:00 A.M. EST December 30, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Fullerton (ORANGE), CA - NL 33-52-48; WL 117-57-19; MOBILE: Fullerton (ORANGE), CA, within 60 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-512 MHz	MO	6K25F9W	6 W (ERP)	

Ontario (SAN BERNARDINO), CA - NL 34-03-44; WL 117-39-03; MOBILE: , within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151-157 MHz	MO	6K25F9W 6K25F9W	6 W (ERP)	
450-470 MHz	MO	6K25F9W 6K25F9W	6 W (ERP)	
470-512 MHz	MO	6K25F9W	6 W (ERP)	

Marlborough (MIDDLESEX), MA - NL 42-20-23; WL 71-30-13; MOBILE: , within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151-157 MHz	MO	6K25F9W	6 W (ERP)	
450-470 MHz	MO	6K25F9W	6 W (ERP)	
470-512 MHz	MO	6K25F9W	6 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Licensee must notch out the following channels as not to interfere with Government operations:

156.2750 MHz +/- 12.5 KHz
156.3000 MHz +/- 12.5 KHz
156.4500 MHz +/- 12.5 KHz
156.5250 MHz +/- 12.5 KHz
156.6000 MHz +/- 12.5 KHz
156.6500 MHz +/- 12.5 KHz
156.7000 MHz +/- 12.5 KHz
156.7250 MHz +/- 12.5 KHz
156.8000 MHz +/- 12.5 KHz
157.0000 MHz +/- 12.5 KHz
- (5) Licensee must coordinate with the local SBE representative to protect low power auxiliary broadcast operations.