

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

EXPERIMENTAL

(Nature of Service)

WE9XDC

(Call Sign)

XD FX MO

(Class of Station)

0545-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:

Ground Surveillance Radar system testing.

Station Locations

- (1) Buena Park (ORANGE), CA - NL 33-51-52; WL 118-00-06; MOBILE: Buena (ORANGE), CA, within 35 km, centered around NL 33-51-52; WL 118-00-06
- (2) McKinney (COLLIN), TX - NL 33-11-16; WL 96-11-16; MOBILE: McKinney (COLLIN), TX, within 35 km, centered around NL 33-11-16; WL 96-11-16
- (3) Yuma PG (YUMA), AZ - NL 32-51-29; WL 114-13-38; MOBILE: Yuma (YUMA), AZ, within 35 km, centered around NL 32-51-29; WL 114-13-38
- (4) Irvine (ORANGE), CA - NL 33-40-39; WL 117-43-42; MOBILE: Irvine (ORANGE), CA, within 35 km, centered around NL 33-40-39; WL 117-43-42
- (5) Norman (CLEVELAND), OK - NL 35-14-06; WL 97-28-30; MOBILE: Norman (CLEVELAND), OK, within 35 km, centered around NL 35-14-06; WL 97-28-30

Frequency Information

Buena Park (ORANGE), CA - NL 33-51-52; WL 118-00-06; MOBILE: Buena (ORANGE), CA, within 35 km, centered around I

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	48M0Q3N	16 W (ERP)	

This authorization effective December 07, 2009 and
will expire 3:00 A.M. EST June 07, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

McKinney (COLLIN), TX - NL 33-11-16; WL 96-11-16; MOBILE: McKinney (COLLIN), TX, within 35 km, centered around NL :

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	48M0Q3N	16 W (ERP)	

Yuma PG (YUMA), AZ - NL 32-51-29; WL 114-13-38; MOBILE: Yuma (YUMA), AZ, within 35 km, centered around NL 32-51-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	48M0Q3N	16 W (ERP)	

Irvine (ORANGE), CA - NL 33-40-39; WL 117-43-42; MOBILE: Irvine (ORANGE), CA, within 35 km, centered around NL 33-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	48M0Q3N	16 W (ERP)	

Norman (CLEVELAND), OK - NL 35-14-06; WL 97-28-30; MOBILE: Norman (CLEVELAND), OK, within 35 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	48M0Q3F	16 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.

Special Conditions:

- (4) Operation is subject to prior coordination with the Western Area Frequency Coordinator at (760) 939-6948 prior to any operations.