

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WD2XPC

(Call Sign)

XC FX MO

(Class of Station)

0036-EX-RR-2009

(File Number)

NAME EDO Communications and Countermeasures Systems

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(b) of the Commission's Rules

Station Locations

- (1) Thousand Oaks (VENTURA), CA - NL 34-09-48; WL 118-50-07; MOBILE: Ventura County, California, within 80 km, centered around NL 34-09-48; WL 118-50-07
- (2) California City (KERN), CA - NL 35-08-15; WL 118-01-30; MOBILE: California City, Kern County, California, within 30 km, centered around NL 35-08-15; WL 118-01-30

Frequency Information

Thousand Oaks (VENTURA), CA - NL 34-09-48; WL 118-50-07; MOBILE: Ventura County, California, within 80 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-74.6 MHz	MO	50K0F3E	4 W (ERP)	
75.4-88 MHz	MO	50K0F3E	4 W (ERP)	
500 MHz	FX	25M0P0N	5 W (ERP)	

This authorization effective February 01, 2009 and
will expire 3:00 A.M. EST April 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Thousand Oaks (VENTURA), CA - NL 34-09-48; WL 118-50-07; MOBILE: Ventura County, California, within 80 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1375 MHz	FX	25M0P0N	5 W (ERP)	
2000 MHz	FX	25M0P0N	5 W (ERP)	
3000 MHz	FX	25M0P0N	5 W (ERP)	
4000 MHz	FX	25M0P0N	5 W (ERP)	
6000 MHz	FX	25M0P0N	5 W (ERP)	
7000 MHz	FX	25M0P0N	5 W (ERP)	
8000 MHz	FX	25M0P0N	5 W (ERP)	
11000 MHz	FX	25M0P0N	5 W (ERP)	
12000 MHz	FX	25M0P0N	5 W (ERP)	
13000 MHz	FX	25M0P0N	5 W (ERP)	

Frequency Information

Thousand Oaks (VENTURA), CA - NL 34-09-48; WL 118-50-07; MOBILE: Ventura County, California, within 80 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000 MHz	FX	25M0P0N	5 W (ERP)	
15000 MHz	FX	25M0P0N	5 W (ERP)	
16000 MHz	FX	25M0P0N	5 W (ERP)	
17000 MHz	FX	25M0P0N	5 W (ERP)	
18000 MHz	FX	25M0P0N	5 W (ERP)	
19000 MHz	FX	25M0P0N	5 W (ERP)	
20000 MHz	FX	25M0P0N	5 W (ERP)	
21000 MHz	FX	25M0P0N	5 W (ERP)	
22000 MHz	FX	25M0P0N	5 W (ERP)	
23000 MHz	FX	25M0P0N	5 W (ERP)	

Frequency Information

Thousand Oaks (VENTURA), CA - NL 34-09-48; WL 118-50-07; MOBILE: Ventura County, California, within 80 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25000 MHz	FX	25M0P0N	5 W (ERP)	
26000 MHz	FX	25M0P0N	5 W (ERP)	
27000 MHz	FX	25M0P0N	5 W (ERP)	
28000 MHz	FX	25M0P0N	5 W (ERP)	
29000 MHz	FX	25M0P0N	5 W (ERP)	
30000 MHz	FX	25M0P0N	5 W (ERP)	
31000 MHz	FX	25M0P0N	5 W (ERP)	
32000 MHz	FX	25M0P0N	5 W (ERP)	
33000 MHz	FX	25M0P0N	5 W (ERP)	
34000 MHz	FX	25M0P0N	5 W (ERP)	

Frequency Information

Thousand Oaks (VENTURA), CA - NL 34-09-48; WL 118-50-07; MOBILE: Ventura County, California, within 80 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35000 MHz	FX	25M0P0N	5 W (ERP)	
36000 MHz	FX	25M0P0N	5 W (ERP)	
38000 MHz	FX	25M0P0N	5 W (ERP)	
39000 MHz	FX	25M0P0N	5 W (ERP)	
40000 MHz	FX	25M0P0N	5 W (ERP)	

California City (KERN), CA - NL 35-08-15; WL 118-01-30; MOBILE: California City, Kern County, California, within 30 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-74.6 MHz	MO	50K0F3E	4 W (ERP)	
75.4-88 MHz	MO	50K0F3E	4 W (ERP)	
500 MHz	FX	25M0P0N	5 W (ERP)	
1375 MHz	FX	25M0P0N	5 W (ERP)	

Frequency Information

California City (KERN), CA - NL 35-08-15; WL 118-01-30; MOBILE: California City, Kern County, California, within 30 km, cer

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2000 MHz	FX	25M0P0N	5 W (ERP)	
3000 MHz	FX	25M0P0N	5 W (ERP)	
4000 MHz	FX	25M0P0N	5 W (ERP)	
6000 MHz	FX	25M0P0N	5 W (ERP)	
7000 MHz	FX	25M0P0N	5 W (ERP)	
8000 MHz	FX	25M0P0N	5 W (ERP)	
11000 MHz	FX	25M0P0N	5 W (ERP)	
12000 MHz	FX	25M0P0N	5 W (ERP)	
13000 MHz	FX	25M0P0N	5 W (ERP)	
14000 MHz	FX	25M0P0N	5 W (ERP)	

Frequency Information

California City (KERN), CA - NL 35-08-15; WL 118-01-30; MOBILE: California City, Kern County, California, within 30 km, cer

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15000 MHz	FX	25M0P0N	5 W (ERP)	
16000 MHz	FX	25M0P0N	5 W (ERP)	
17000 MHz	FX	25M0P0N	5 W (ERP)	
18000 MHz	FX	25M0P0N	5 W (ERP)	
19000 MHz	FX	25M0P0N	5 W (ERP)	
20000 MHz	FX	25M0P0N	5 W (ERP)	
21000 MHz	FX	25M0P0N	5 W (ERP)	
22000 MHz	FX	25M0P0N	5 W (ERP)	
23000 MHz	FX	25M0P0N	5 W (ERP)	
25000 MHz	FX	25M0P0N	5 W (ERP)	

Frequency Information

California City (KERN), CA - NL 35-08-15; WL 118-01-30; MOBILE: California City, Kern County, California, within 30 km, cer

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26000 MHz	FX	25M0P0N	5 W (ERP)	
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35000 MHz	FX	25M0P0N	5 W (ERP)	

Frequency Information

California City (KERN), CA - NL 35-08-15; WL 118-01-30; MOBILE: California City, Kern County, California, within 30 km, cer

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36000 MHz	FX	25M0P0N	5 W (ERP)	
38000 MHz	FX	25M0P0N	5 W (ERP)	
39000 MHz	FX	25M0P0N	5 W (ERP)	
40000 MHz	FX	25M0P0N	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.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operations on 1375 MHz, 3000 MHz, 14000 MHz and 35000 MHz require scheduling with the Western Area Frequency Coordinator at 805-989-1003.
- (5) Licensee shall avoid interference to licensed operations on 40.53 MHz.
- (6) Licensee shall exclude operations on frequencies between 74.6-75.4 MHz.
- (7) Use of the bands 30-74.6 MHz and 75.4-88 MHz is subject to the understanding that there is not intended operational use of this equipment within the United States and its Possessions (USP).
- (8) This frequency assignment on 1030 MHz or in one of the bands 1215-1400, 2700-2900 or 9000-9200 MHz was coordinated prior to authorization with the FAA Western Coordinator, Los Angeles, California. Use of the frequency or band under the authority of this assignment is subject to such further coordination with the FAA Western Coordinator, Los Angeles, California, as necessary to ensure compatibility with existing uses.

Special Conditions:

- (9) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Navy contracts N00024-07-C-6311 and N00019-04-C-0014. 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.