

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

EXPERIMENTAL

(Nature of Service)

WE2XVR

(Call Sign)

XD MO

(Class of Station)

0414-EX-PL-2008

(File Number)

NAME ImSAR LLC

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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Boardman, OR, within 16 km, centered around NL 45-44-52; WL 119-46-52
- (2) MOBILE: Provo, UT, within 48 km, centered around NL 40-14-28; WL 111-39-03
- (3) MOBILE: China Lake, CA, within 64 km, centered around NL 35-38-17; WL 117-40-12
- (4) MOBILE: Yuma, AZ, within 160 km, centered around NL 33-01-05; WL 114-15-13
- (5) MOBILE: Whidbey Island, WA, within 32 km, centered around NL 48-19-17; WL 122-38-12
- (6) MOBILE: Arlington, OR, within 32 km, centered around NL 45-42-56; WL 120-11-39

Frequency Information

MOBILE: Boardman, OR, within 16 km, centered around NL 45-44-52; WL 119-46-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
435 MHz	MO	30M0F0N	2 W (ERP)	
10.25 GHz	MO	500MF0N	2 W (ERP)	
16.7 GHz	MO	2G00F0N	2 W (ERP)	

This authorization effective November 19, 2008 and
will expire 3:00 A.M. EST December 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Boardman, OR, within 16 km, centered around NL 45-44-52; WL 119-46-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
34.7 GHz	MO	2G60F0N	2 W (ERP)	

MOBILE: Provo, UT, within 48 km, centered around NL 40-14-28; WL 111-39-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
435 MHz	MO	30M0F0N	2 W (ERP)	
10.25 GHz	MO	500MF0N	2 W (ERP)	
16.7 GHz	MO	2G00F0N	2 W (ERP)	
34.7 GHz	MO	2G60F0N	2 W (ERP)	

MOBILE: China Lake, CA, within 64 km, centered around NL 35-38-17; WL 117-40-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
435 MHz	MO	30M0F0N	2 W (ERP)	
10.25 GHz	MO	500MF0N	2 W (ERP)	

Frequency Information

MOBILE: China Lake, CA, within 64 km, centered around NL 35-38-17; WL 117-40-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.7 GHz	MO	2G00F0N	2 W (ERP)	
34.7 GHz	MO	2G60F0N	2 W (ERP)	

MOBILE: Yuma, AZ, within 160 km, centered around NL 33-01-05; WL 114-15-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
435 MHz	MO	30M0F0N	2 W (ERP)	
10.25 GHz	MO	500MF0N	2 W (ERP)	
16.7 GHz	MO	2G00F0N	2 W (ERP)	
34.7 GHz	MO	2G60F0N	2 W (ERP)	

MOBILE: Whidbey Island, WA, within 32 km, centered around NL 48-19-17; WL 122-38-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
435 MHz	MO	30M0F0N	2 W (ERP)	

Frequency Information

MOBILE: Whidbey Island, WA, within 32 km, centered around NL 48-19-17; WL 122-38-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.25 GHz	MO	500MF0N	2 W (ERP)	
16.7 GHz	MO	2G00F0N	2 W (ERP)	
34.7 GHz	MO	2G60F0N	2 W (ERP)	

MOBILE: Arlington, OR, within 32 km, centered around NL 45-42-56; WL 120-11-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
435 MHz	MO	30M0F0N	2 W (ERP)	
10.25 GHz	MO	500MF0N	2 W (ERP)	
16.7 GHz	MO	2G00F0N	2 W (ERP)	
34.7 GHz	MO	2G60F0N	2 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) All operations in China Lake CA are subject to prior coordination with Western Area Frequency Coordinator at (760) 939-6948.