

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

EXPERIMENTAL

(Nature of Service)

WE2XZW

(Call Sign)

XR MO

(Class of Station)

0145-EX-RR-2011

(File Number)

NAME Science Applications International Corporation

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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Area 10 km around Redwood City, CA, within 10 km, centered around NL 37-29-44; WL 122-13-26
- (2) MOBILE: Area 10 km around Vienna, VA, within 10 km, centered around NL 36-07-18; WL 97-04-07
- (3) MOBILE: Area 10 km around Lowell, MA, within 10 km, centered around NL 42-38-59; WL 71-20-55
- (4) MOBILE: Kaneohe Bay, HI, within 10 km, centered around NL 21-26-53; WL 157-45-24
- (5) MOBILE: , within 10 km, centered around NL 21-21-27; WL 157-42-55

Frequency Information

MOBILE: Area 10 km around Redwood City, CA, within 10 km, centered around NL 37-29-44; WL 122-13-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500 MHz	MO	625MF1D 10M0G1D 156MV1D	1 W (ERP)	

This authorization effective May 01, 2011 and
will expire 3:00 A.M. EST May 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Area 10 km around Vienna, VA, within 10 km, centered around NL 36-07-18; WL 97-04-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500 MHz	MO	625MF1D 10M0G1D 156MV1D	1 W (ERP)	

MOBILE: Area 10 km around Lowell, MA, within 10 km, centered around NL 42-38-59; WL 71-20-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500 MHz	MO	625MF1D 10M0G1D 156MV1D	1 W (ERP)	

MOBILE: Kaneohe Bay, HI, within 10 km, centered around NL 21-26-53; WL 157-45-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500 MHz	MO	625MF1D 10M0G1D 156MV1D	1 W (ERP)	0.0001 %

MOBILE: , within 10 km, centered around NL 21-21-27; WL 157-42-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500 MHz	MO	625MF1D 10M0G1D	1 W (ERP)	0.0001 %

Frequency Information

MOBILE: , within 10 km, centered around NL 21-21-27; WL 157-42-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500 MHz	MO	156MV1D	1 W (ERP)	0.0001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Operation is subject to prior coordination with Fixed Microwave licensees.
- (6) Licensee should get consent from from existing and future Educational Broadband Service and Broadband Radio Service licensees
- (7) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Defense Advanced Research Projects Agency, contract HR0011-09-C-0006. 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.
- (8) Licensee should get consent from existing and future Advanced Wireless Service licensees