

**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)

0174-EX-ML-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
- (6) MOBILE: Quantico, VA, within 20 km, centered around NL 38-30-26; WL 77-20-39
- (7) MOBILE: Fort Pickett, VA, within 20 km, centered around NL 37-02-00; WL 77-53-39
- (8) MOBILE: Webster Field, within 20 km, centered around NL 38-08-44; WL 76-25-39
- (9) MOBILE: Camp LeJeune, NC, within 20 km, centered around NL 34-39-41; WL 77-19-47
- (10) MOBILE: China Lake, CA, within 20 km, centered around NL 35-44-29; WL 117-42-54
- (11) MOBILE: MCAGCC 29 Palms, CA, within 40 km, centered around NL 34-14-29; WL 116-03-53
- (12) MOBILE: Camp Pendleton, CA, within 30 km, centered around NL 33-19-03; WL 117-18-54
- (13) MOBILE: Pohakuloa, HI, within 20 km, centered around NL 19-45-36; WL 155-33-13

This authorization effective July 11, 2011 and
will expire 3:00 A.M. EST July 11, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



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)	

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	1 W (ERP)	

Frequency Information

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	156MV1D	1 W (ERP)	

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 156MV1D	1 W (ERP)	

MOBILE: Quantico, VA, within 20 km, centered around NL 38-30-26; WL 77-20-39

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

MOBILE: Fort Pickett, VA, within 20 km, centered around NL 37-02-00; WL 77-53-39

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

Frequency Information

MOBILE: Webster Field, within 20 km, centered around NL 38-08-44; WL 76-25-39

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

MOBILE: Camp LeJeune, NC, within 20 km, centered around NL 34-39-41; WL 77-19-47

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

MOBILE: China Lake, CA, within 20 km, centered around NL 35-44-29; WL 117-42-54

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

MOBILE: MCAGCC 29 Palms, CA, within 40 km, centered around NL 34-14-29; WL 116-03-53

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

Frequency Information

MOBILE: MCAGCC 29 Palms, CA, within 40 km, centered around NL 34-14-29; WL 116-03-53

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

MOBILE: Camp Pendleton, CA, within 30 km, centered around NL 33-19-03; WL 117-18-54

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

MOBILE: Pohakuloa, HI, within 20 km, centered around NL 19-45-36; WL 155-33-13

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

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) Operation is subject to prior coordination with Fixed Microwave licensees.

Special Conditions:

- (6) Licensee should get consent from from existing and future Educational Broadband Service and Broadband Radio Service licensees
- (7) Licensee should get consent from existing and future Advanced Wireless Service licensees