

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

EXPERIMENTAL
(Nature of Service)

XC MO
(Class of Station)

WF2XGY
(Call Sign)

0148-EX-CM-2020
(File Number)

NAME Science Application 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 & j) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed Bedford, IN, within 0.31 km, centered around NL 38-51-28;
WL 86-30-53

Frequency Information

MOBILE: Temporary Fixed Bedford, IN, within 0.31 km, centered around NL 38-51-28; WL 86-30-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138-153 MHz	MO	40K0F2D	2 W (ERP)	
3250-3450 MHz	MO	11M0M1N 14M7M1N 17M6M1N 21M5M1N 3M70M1N 43M0M1N 4M40M1N 5M50M1N 7M30M1N	200 W (ERP)	0.001 %

This authorization effective November 24, 2020 and
will expire 3:00 A.M. EST April 01, 2024

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COMMUNICATIONS
COMMISSION



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3250-3450 MHz	MO	8M80M1N	200 W (ERP)	0.001 %
4400-4940 MHz	MO	4M77D1D	0.63 W (ERP)	0.002 %
5470-5850 MHz	MO	14M4D1D 14M7D1D 14M7G1D 19M6D1D 19M6G1D 28M7D1D 29M6D1D 29M6G1D 40M3D1D 44M3G1D 44M3G1D 9M76D1D 9M76G1D	0.63 W (ERP)	0.0018 %
9200-9700 MHz	MO	12M0F3N 20M0F3N 32M0F3N 47M1F3N 55M0F3N 86M0F3N 94M1F3N	25 W (ERP)	0.0005 %
16.75-17.25 GHz	MO	410MP0N 158MM1N	6.8 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35 GHz	MO	101MF3N 52M7F3N 540MF3N	0.4 W (ERP)	0.005 %

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Dan Holt; phone number 812-227-0022.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Naval Surface Warfare Center, Crane contracts N00178-04-D-4119 (Task Orders FC50, FC51, FC55) & N0016420F3008. 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.
- (6) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
Paging Service licensees in 152 MHz
Paging Service licensees in 152 MHz/158 MHz