

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

EXPERIMENTAL

(Nature of Service)

WE2XUF

(Call Sign)

XC MO

(Class of Station)

0005-EX-ML-2013

(File Number)

NAME BAE Systems Information and Electronic Systems Integration Inc.

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) MOBILE: Temporary Fixed Locations, Hudson, NH, within 0.46 km, centered around NL 42-48-22; WL 71-25-33

Frequency Information

MOBILE: Temporary Fixed Locations, Hudson, NH, within 0.46 km, centered around NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.1 MHz	MO	NON	0.007 W (ERP)	
1.2 MHz	MO	NON	0.007 W (ERP)	
1.3 MHz	MO	NON	0.007 W (ERP)	
1.4 MHz	MO	NON	0.007 W (ERP)	

This authorization effective January 29, 2013 and
will expire 3:00 A.M. EST November 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.5 MHz	MO	N0N	0.007 W (ERP)	
1.6 MHz	MO	N0N	0.007 W (ERP)	
1.7 MHz	MO	N0N	0.007 W (ERP)	
1.8 MHz	MO	N0N	0.007 W (ERP)	
1.9 MHz	MO	N0N	0.007 W (ERP)	
2.1 MHz	MO	N0N	0.007 W (ERP)	
2.2 MHz	MO	N0N	0.007 W (ERP)	
2.3 MHz	MO	N0N	0.007 W (ERP)	
2.4 MHz	MO	N0N	0.007 W (ERP)	
2.5 MHz	MO	N0N	0.007 W (ERP)	

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2.6 MHz	MO	N0N	0.007 W (ERP)	
2.7 MHz	MO	N0N	0.007 W (ERP)	
2.8 MHz	MO	N0N	0.007 W (ERP)	
4.24 MHz	MO	N0N	0.007 W (ERP)	
4.48 MHz	MO	N0N	0.007 W (ERP)	
4.73 MHz	MO	N0N	0.007 W (ERP)	
4.97 MHz	MO	N0N	0.007 W (ERP)	
5.21 MHz	MO	N0N	0.007 W (ERP)	
5.69 MHz	MO	N0N	0.007 W (ERP)	
5.94 MHz	MO	N0N	0.007 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.18 MHz	MO	N0N	0.007 W (ERP)	
6.42 MHz	MO	N0N	0.007 W (ERP)	
6.9 MHz	MO	N0N	0.007 W (ERP)	
7.15 MHz	MO	N0N	0.007 W (ERP)	
7.39 MHz	MO	N0N	0.007 W (ERP)	
7.63 MHz	MO	N0N	0.007 W (ERP)	
7.87 MHz	MO	N0N	0.007 W (ERP)	
8.2 MHz	MO	N0N	0.007 W (ERP)	
8.53 MHz	MO	N0N	0.007 W (ERP)	
9.06 MHz	MO	N0N	0.007 W (ERP)	

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9.26 MHz	MO	N0N	0.007 W (ERP)	
9.46 MHz	MO	N0N	0.007 W (ERP)	
9.65 MHz	MO	N0N	0.007 W (ERP)	
9.85 MHz	MO	N0N	0.007 W (ERP)	
10.25 MHz	MO	N0N	0.007 W (ERP)	
10.45 MHz	MO	N0N	0.007 W (ERP)	
11.56 MHz	MO	N0N	0.007 W (ERP)	
12.67 MHz	MO	N0N	0.007 W (ERP)	
13.78 MHz	MO	N0N	0.007 W (ERP)	

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.

Special Conditions:

- (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) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the US Navy contract N00104-12-P-DF71. 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.
- (4) The designated point-of-contact to terminate transmission if interference occurs is Mr. Richard C.Ball at (603) 318-6913 and BAE Systems Emergency Services Center (603) 885-3842.