

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WE9XUL

(Call Sign)

XT MO

(Class of Station)

0174-EX-ST-2011

(File Number)

NAME BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Testing antennas.

Station Locations

- (1) MOBILE: Temporary Fixed (Ground) Locations, Merrimack, NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-18

Frequency Information

MOBILE: Temporary Fixed (Ground) Locations, Merrimack, NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220 MHz	MO	N0N 1M10G1N	0.1 W (ERP)	
222.5 MHz	MO	5M16G7D	0.1 W (ERP)	
262.5 MHz	MO	N0N	0.5 W (ERP)	

This authorization effective May 16, 2011 and
will expire 3:00 A.M. EST November 17, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
262.5 MHz	MO	40M1X1X	0.5 W (ERP)	
350 MHz	MO	N0N 40M1X1X	0.5 W (ERP)	
367.5 MHz	MO	N0N 40M1X1X	0.5 W (ERP)	
460.1 MHz	MO	5M16G7D	0.1 W (ERP)	
462.6 MHz	MO	N0N 1M10G1N	0.1 W (ERP)	
465.1 MHz	MO	5M16G7D	0.1 W (ERP)	
902.5 MHz	MO	5M16G7D	0.1 W (ERP)	
910 MHz	MO	N0N 10M2F3F 10M1G1N	0.5 W (ERP)	
915 MHz	MO	N0N 26M1F3F 10M2F3F	0.5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915 MHz	MO	26M1G1N 26M1G7D	0.5 W (ERP)	
920 MHz	MO	N0N 10M2F3F 10M1G1N	0.5 W (ERP)	
927.5 MHz	MO	5M16G7D	0.1 W (ERP)	
1277.5 MHz	MO	5M16G7D	0.1 W (ERP)	
1280 MHz	MO	N0N 1M10G1N	0.1 W (ERP)	
1290 MHz	MO	N0N 1M10G1N	0.1 W (ERP)	
1292.5 MHz	MO	5M16G7D	0.1 W (ERP)	
2447 MHz	MO	5M16G7D	0.1 W (ERP)	
2450 MHz	MO	N0N 101MG1N 101MF3F	0.5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2450 MHz	MO	101MG7D	0.5 W (ERP)	
2462 MHz	MO	N0N 5M16G7D 22M2G7D 1M10G1N	0.5 W (ERP)	
2667.5 MHz	MO	5M16G7D	0.1 W (ERP)	
2670 MHz	MO	N0N 1M10G1N	0.1 W (ERP)	
2680 MHz	MO	N0N 1M10G1N	0.1 W (ERP)	
2682.5 MHz	MO	5M16G7D	0.1 W (ERP)	

Special Conditions:

- (1) 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.
- (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) Operation is subject to prior coordination with Fixed Microwave operators prior to conducting the tests.

Special Conditions:

- (5) Licensee must get consent from Education Broadband Services and Broadband Radio Services prior to operating the experiment.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US SPAWAR contract number N66001-10-C-2006. 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.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Zach Clifton at (603) 885-5594.