

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

EXPERIMENTAL

(Nature of Service)

WE9XYZ

(Call Sign)

XT MO

(Class of Station)

0334-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:

This demonstration will be conducted as part of deliverable requirements of a government contract.

Station Locations

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

Frequency Information

MOBILE: Temporary Fixed (Ground), 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 (+/-)
4.4-4.99 GHz	MO	N0N 47M9G7W	50 W (ERP)	
14.5-15.35 GHz	MO	N0N 47M9G7W	1000 W (ERP)	

This authorization effective July 14, 2011 and
will expire 3:00 A.M. EST January 15, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Operation is subject to coordinate with public safety entities licensed to use the 4940 MHz to 4990 MHz band within 50 miles of the test location.
- (4) Operation is NOT PERMITTED using the frequency bands 14603 MHz - 14609 MHz and 15243 MHz - 15249 MHz.
- (5) The designated point-of-contact to terminate transmissions if interference occurs are Richard Officer at (603) 885-3170 and George Moynihan at 603-689-8630.