

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

EXPERIMENTAL

(Nature of Service)

WG2XMW

(Call Sign)

XT MO

(Class of Station)

0035-EX-PL-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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed (Ground) Operations, Merrimack, NH, within 0.5 km, centered around NL 42-48-40; WL 71-29-17

Frequency Information

MOBILE: Temporary Fixed (Ground) Operations, Merrimack, NH, within 0.5 km, centered around NL 42-48-40; WL 71-29-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.5-14.602 GHz	MO	12M5G7W 25M0G7W 3M13G7W 47M9G7W 50M0G7W 6M25G7W	6300 W (ERP)	
14.61-15.242 GHz	MO	12M5G7W 25M0G7W 3M13G7W 47M9G7W 50M0G7W	6300 W (ERP)	

This authorization effective March 07, 2013 and
will expire 3:00 A.M. EST March 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed (Ground) Operations, Merrimack, NH, within 0.5 km, centered around NL 42-48-40; WL 71-29-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.61-15.242 GHz	MO	6M25G7W	6300 W (ERP)	
15.25-15.35 GHz	MO	12M5G7W 25M0G7W 3M13G7W 47M9G7W 50M0G7W 6M25G7W	6300 W (ERP)	

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) The designated point-of- contact to terminate the system is interference occurs is George Moynihan (603) 689-8630 and BAE Systems Emergency Services Center (603) 885-3842.