

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XPD

(Call Sign)

0165-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 Operation, Merrimack, NH, within 0.3 km, centered around NL 42-48-29; WL 71-29-21

Frequency Information

MOBILE: Temporary Fixed Operation, Merrimack, NH, within 0.3 km, centered around NL 42-48-29; WL 71-29-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1980 MHz	MO	4M20F9W	5 W (ERP)	
2110-2170 MHz	MO	4M20F9W	5 W (ERP)	

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective May 10, 2013 and
will expire 3:00 A.M. EST May 01, 2015

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Special Conditions:

- (4) BAE Systems must get consent from the Advanced Wireless Service licensees prior to accessing 2110-2170 MHz.
- (5) The designated point-of-contact to terminate the system if having interference occurs is Sean Morrell (603) 318-6243 or BAE Systems Emergency Services Center (603) 885-3842.