

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WE2XSZ

(Call Sign)

0215-EX-RR-2010

(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) Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
153 MHz	FX	N0N	0.007 W (ERP)	
163 MHz	FX	N0N	0.007 W (ERP)	
330.7 MHz	FX	N0N	0.007 W (ERP)	
334.7 MHz	FX	N0N	0.007 W (ERP)	

This authorization effective September 30, 2010 and
will expire 3:00 A.M. EST January 10, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
455 MHz	FX	N0N	0.007 W (ERP)	
475 MHz	FX	N0N	0.007 W (ERP)	
480 MHz	FX	N0N	0.007 W (ERP)	
481 MHz	FX	N0N	0.007 W (ERP)	
485 MHz	FX	N0N	0.007 W (ERP)	
490 MHz	FX	N0N	0.007 W (ERP)	
495 MHz	FX	N0N	0.007 W (ERP)	
500 MHz	FX	N0N	0.007 W (ERP)	
505 MHz	FX	N0N	0.007 W (ERP)	
615 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
623 MHz	FX	N0N	0.007 W (ERP)	
625 MHz	FX	N0N	0.007 W (ERP)	
640 MHz	FX	N0N	0.007 W (ERP)	
645 MHz	FX	N0N	0.007 W (ERP)	
648 MHz	FX	N0N	0.007 W (ERP)	
655 MHz	FX	N0N	0.007 W (ERP)	
660 MHz	FX	N0N	0.007 W (ERP)	
670 MHz	FX	N0N	0.007 W (ERP)	
675 MHz	FX	N0N	0.007 W (ERP)	
680 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
690 MHz	FX	N0N	0.007 W (ERP)	
695 MHz	FX	N0N	0.007 W (ERP)	
703 MHz	FX	N0N	0.007 W (ERP)	
710 MHz	FX	N0N	0.007 W (ERP)	
720 MHz	FX	N0N	0.007 W (ERP)	
730 MHz	FX	N0N	0.007 W (ERP)	
760 MHz	FX	N0N	0.007 W (ERP)	
770 MHz	FX	N0N	0.007 W (ERP)	
776 MHz	FX	N0N	0.007 W (ERP)	
780 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
808 MHz	FX	N0N	0.007 W (ERP)	
930 MHz	FX	N0N	0.007 W (ERP)	
940 MHz	FX	N0N	0.007 W (ERP)	
1220 MHz	FX	N0N	0.007 W (ERP)	
1234 MHz	FX	N0N	0.007 W (ERP)	
1240 MHz	FX	N0N	0.007 W (ERP)	
1860 MHz	FX	N0N	0.007 W (ERP)	
1880 MHz	FX	N0N	0.007 W (ERP)	
1900 MHz	FX	N0N	0.007 W (ERP)	
1920 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1940 MHz	FX	N0N	0.007 W (ERP)	
1960 MHz	FX	N0N	0.007 W (ERP)	
1980 MHz	FX	N0N	0.007 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) 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.
- (5) Stop Buzzer: Richard C. Ball - (603) 318-6913
- (6) Use of the frequency or band 1220 MHz and 1243 MHz is subject further coordination with the FAA New England coordinator, Burlington, Massachusetts, as necessary to ensure compatibility with existing uses.
- (7) Operation is NOT PERMITTED use of the following frequencies: 330 MHz and 335 MHz due to potential interference Federal Government operations.
- (8) Licensee is approved to use the frequencies 330.7 MHz and 334.7 MHz instead of using 330 MHz and 335 MHz for this experiment.