

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WE2XBU

(Call Sign)

0102-EX-PL-2006

(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 (+/-)
166 MHz	FX	N0N	0.007 W (ERP)	
170 MHz	FX	N0N	0.007 W (ERP)	
226.5 MHz	FX	N0N	0.007 W (ERP)	
454.5 MHz	FX	N0N	0.007 W (ERP)	

This authorization effective December 10, 2007 and
will expire 3:00 A.M. EST December 01, 2009

**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 (+/-)
476.5 MHz	FX	N0N	0.007 W (ERP)	
488 MHz	FX	N0N	0.007 W (ERP)	
500 MHz	FX	N0N	0.007 W (ERP)	
620 MHz	FX	N0N	0.007 W (ERP)	
635 MHz	FX	N0N	0.007 W (ERP)	
650 MHz	FX	N0N	0.007 W (ERP)	
665 MHz	FX	N0N	0.007 W (ERP)	
685 MHz	FX	N0N	0.007 W (ERP)	
700 MHz	FX	N0N	0.007 W (ERP)	
715 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 (+/-)
735 MHz	FX	N0N	0.007 W (ERP)	
750 MHz	FX	N0N	0.007 W (ERP)	
790 MHz	FX	N0N	0.007 W (ERP)	
955 MHz	FX	N0N	0.007 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract numbers N00024-04-C-4210 and FA8620-06-G-4028. 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.
- (6) This license SUPERSEDES the previously issued license with the same call sign and file number: frequency approval for 226.5 MHz.