

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WE2XHZ

(Call Sign)

0493-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
- (2) Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33
- (3) 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 (+/-)
10.2-10.4 GHz	FX	200MFXN	45 mW (ERP)	

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9380-9440 MHz	FX	NON	1.056 W (ERP)	

This authorization effective October 12, 2007 and
will expire 3:00 A.M. EST October 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 (+/-)
9.6-10.402 GHz	FX	N0N	40 W (ERP)	
9.6-10.402 GHz	FX	N0N	4 W (ERP)	
9.6-10.402 GHz	FX	N0N	400 mW (ERP)	
9.6-10.402 GHz	FX	5M00FXN 5M00GXN	40 W (ERP)	
9.6-10.402 GHz	FX	5M00GXN 5M00FXN	4 W (ERP)	
9.6-10.402 GHz	FX	5M00GXN 5M00FXN	400 mW (ERP)	
16-16.702 GHz	FX	N0N	40 W (ERP)	
16-16.702 GHz	FX	N0N	4 W (ERP)	
16-16.702 GHz	FX	N0N	400 mW (ERP)	
16-16.702 GHz	FX	5M00FXN	40 W (ERP)	

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16-16.702 GHz	FX	5M00GXN	40 W (ERP)	
16-16.702 GHz	FX	5M00GXN 5M00FXN	4 W (ERP)	
16-16.702 GHz	FX	5M00GXN 5M00FXN	400 mW (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) Licensee shall notch out the band 16.0-16.2 GHz.
- (5) STOP BUZZER: Richard C. Ball at (603) 318-6913
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army CECOM contract number W15P7T-05-C-P224. 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.