

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WD2XUQ

(Call Sign)

0202-EX-PL-2005

(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 d) of the Commission's Rules

Station Locations

(1) Merrimack (HILLSBOROUGH), NH - NL 42-48-30; WL 71-29-15

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-30; WL 71-29-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
0.85 MHz	FX		0.061 W (ERP)	
0.9 MHz	FX		0.061 W (ERP)	
0.95 MHz	FX		0.061 W (ERP)	
1 MHz	FX		0.061 W (ERP)	

This authorization effective October 31, 2005 and
will expire 3:00 A.M. EST November 01, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-30; WL 71-29-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.5 MHz	FX		0.061 W (ERP)	
2 MHz	FX		0.061 W (ERP)	
2.51 MHz	FX		0.061 W (ERP)	
2.84 MHz	FX		0.061 W (ERP)	
3.5 MHz	FX		0.061 W (ERP)	
4 MHz	FX		0.061 W (ERP)	
4.5 MHz	FX		0.061 W (ERP)	
5.01 MHz	FX		0.061 W (ERP)	
5.44 MHz	FX		0.061 W (ERP)	
6 MHz	FX		0.061 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.5 MHz	FX		0.061 W (ERP)	
7 MHz	FX		0.061 W (ERP)	
7.5 MHz	FX		0.061 W (ERP)	
8 MHz	FX		0.061 W (ERP)	
8.5 MHz	FX		0.061 W (ERP)	
9.05 MHz	FX		0.061 W (ERP)	
9.5 MHz	FX		0.061 W (ERP)	
9.99 MHz	FX		0.061 W (ERP)	
10.5 MHz	FX		0.061 W (ERP)	
11 MHz	FX		0.061 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.5 MHz	FX		0.061 W (ERP)	
12 MHz	FX		0.061 W (ERP)	
12.5 MHz	FX		0.061 W (ERP)	
13 MHz	FX		0.061 W (ERP)	
13.5 MHz	FX		0.061 W (ERP)	
14 MHz	FX		0.061 W (ERP)	
14.5 MHz	FX		0.061 W (ERP)	
14.98 MHz	FX		0.061 W (ERP)	
15.5 MHz	FX		0.061 W (ERP)	
16 MHz	FX		0.061 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.5 MHz	FX		0.061 W (ERP)	
17 MHz	FX		0.061 W (ERP)	
17.5 MHz	FX		0.061 W (ERP)	
18.04 MHz	FX		0.061 W (ERP)	
18.5 MHz	FX		0.061 W (ERP)	
19 MHz	FX		0.061 W (ERP)	
19.5 MHz	FX		0.061 W (ERP)	
20.02 MHz	FX		0.061 W (ERP)	
20.5 MHz	FX		0.061 W (ERP)	
21 MHz	FX		0.061 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
21.5 MHz	FX		0.061 W (ERP)	
22 MHz	FX		0.061 W (ERP)	
22.5 MHz	FX		0.061 W (ERP)	
23 MHz	FX		0.061 W (ERP)	
23.5 MHz	FX		0.061 W (ERP)	
24 MHz	FX		0.061 W (ERP)	
24.5 MHz	FX		0.061 W (ERP)	
25.02 MHz	FX		0.061 W (ERP)	
25.5 MHz	FX		0.061 W (ERP)	
26 MHz	FX		0.061 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26.5 MHz	FX		0.061 W (ERP)	
27 MHz	FX		0.061 W (ERP)	
27.5 MHz	FX		0.061 W (ERP)	
28 MHz	FX		0.061 W (ERP)	
28.5 MHz	FX		0.061 W (ERP)	
29 MHz	FX		0.061 W (ERP)	
29.5 MHz	FX		0.061 W (ERP)	
30 MHz	FX		0.061 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) "Stop Buzzer" contact Brian Egan shall be available during testing at 603-885-2449 to cease operations in the event of any interference.