

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WB9XZE

(Call Sign)

0010-EX-ST-2005

(File Number)

NAME BAE Systems Information and Electronic Systems Integration Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Antenna testing for an experimental telecommunications system for the military.

Station Locations

- (1) Merrimack (HILLSBOROUGH), NH - NL 42-48-30; WL 71-29-15
- (2) Merrimack (HILLSBOROUGH), NH - NL 42-48-39; WL 71-29-19

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-74.8 MHz	FX	N0N	0.00316 W (ERP)	
75.2-108.8 MHz	FX	N0N	0.00316 W (ERP)	
135.9-152.855 MHz	FX	N0N	0.00316 W (ERP)	

This authorization effective February 14, 2005 and
will expire 3:00 A.M. EST July 25, 2005

**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 (+/-)
154-156.515 MHz	FX	N0N	0.00316 W (ERP)	
156.535-156.79 MHz	FX	N0N	0.00316 W (ERP)	
156.81-161.625 MHz	FX	N0N	0.00316 W (ERP)	
161.775-162 MHz	FX	N0N	0.00316 W (ERP)	
174-228.6 MHz	FX	N0N	0.00316 W (ERP)	
228.8-454 MHz	FX	N0N	0.00316 W (ERP)	
456-470 MHz	FX	N0N	0.00316 W (ERP)	
608-614 MHz	FX	N0N	0.00199 W (ERP)	
809-928 MHz	FX	N0N	0.00398 W (ERP)	
933-935 MHz	FX	N0N	0.00398 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
941-944 MHz	FX	N0N	0.00398 W (ERP)	
1.215-1.85 GHz	FX	N0N	0.00398 W (ERP)	
2.15-2.16 GHz	FX	N0N	0.00398 W (ERP)	
2.2-2.45 GHz	FX	N0N	0.00398 W (ERP)	
2.655-2.7 GHz	FX	N0N	0.00398 W (ERP)	
2.9-4.2 GHz	FX	N0N	0.00398 W (ERP)	
4.4-5 GHz	FX	N0N	0.00398 W (ERP)	
5.25-5.925 GHz	FX	N0N	0.00398 W (ERP)	
7.125-10 GHz	FX	N0N	0.00398 W (ERP)	
10-10.55 GHz	FX	N0N	0.00398 W (ERP)	

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11.7-12.7 GHz	FX	N0N	0.00398 W (ERP)	
13.25-17.7 GHz	FX	N0N	0.00398 W (ERP)	
19.7-20 GHz	FX	N0N	0.00398 W (ERP)	
20-21.2 GHz	FX	N0N	0.00398 W (ERP)	
23.6-24.25 GHz	FX	N0N	0.00398 W (ERP)	
24.45-25.05 GHz	FX	N0N	0.00398 W (ERP)	
25.25-26 GHz	FX	N0N	0.00398 W (ERP)	

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23.6-24.25 GHz	FX	N0N	0.00398 W (ERP)	
24.45-25.05 GHz	FX	N0N	0.00398 W (ERP)	
25.25-26 GHz	FX	N0N	0.00398 W (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) 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.

Special Conditions:

(3) Use of the following frequencies within plus or minus 10 kHz is NOT permitted:

M156.525, M156.800, M228.9, M239.025, M243.000, M254.25, M255.40, M260.9,
M263.05, M279.60, M307.90 M330.50, M331.40, M331.550, M332.60, M333.20,
M333.50, M333.65, M338.20, M348.70, M360.60, M364.20, M370.90,
M381.40, M385.45 and M406.100.