

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XFV

(Call Sign)

0391-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:

Please see Exhibit 1.

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 (+/-)
30.2-74.6 MHz	FX		0.007 W (ERP)	
75.2-106.4 MHz	FX		0.007 W (ERP)	
125.6-129.2 MHz	FX		0.007 W (ERP)	

This authorization effective August 01, 2005 and
will expire 3:00 A.M. EST February 02, 2006

**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 (+/-)
137.6-152 MHz	FX		0.007 W (ERP)	
154.4-155.7 MHz	FX		0.007 W (ERP)	
159.2-161.6 MHz	FX		0.007 W (ERP)	
164-173.6 MHz	FX		0.007 W (ERP)	
176-226.5 MHz	FX		0.007 W (ERP)	
228.8-328.6 MHz	FX		0.007 W (ERP)	
336.8-452 MHz	FX		0.007 W (ERP)	
456.6-468.8 MHz	FX		0.007 W (ERP)	
509.7-610 MHz	FX		0.007 W (ERP)	
810.6-922.7 MHz	FX		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 (+/-)
934.5 MHz	FX		0.007 W (ERP)	

Special Conditions:

- (1) No transmissions are allowed on the following frequencies including plus or minus 6 kHz: 243 MHz, 345 MHz and 401 MHz.
- (2) No transmissions are allowed on the following frequencies including plus or minus 8 kHz: 165.7625 MHz, 169.3 MHz, 169.3125 MHz, 169.325 MHz, 172.9 MHz and 172.925 MHz.
- (3) No transmission in the bands 15-29.9 MHz, 108.5-118.4 MHz, 129.5-135.2 MHz and 940.4-1200 MHz.
- (4) No transmission on the frequency 34.83 MHz plus or minus 8 kHz when operating 9.5 watt amplifier.
- (5) No emissions are permitted within +/- 25 kHz of the following frequencies (all in MHz):
228.900; 239.025; 243.000; 254.250; 255.400; 260.900; 263.050; 263.100; 269.300;
273.450; 277.400; 279.600; 282.200; 284.750; 307.900; 338.200; 341.700; 343.600;
348.700; 353.700; 354.100; 360.600; 364.200; 370.000; 381.400; 381.650;
382.000; 385.450
- (6) No emissions are permitted within +/- 25 kHz of the following frequencies (all in MHz):
120.275; 120.600; 121.300; 121.500; 121.800; 122.200; 122.300; 123.750; 124.100;
124.400; 124.600; 124.900; 125.050; 125.100; 125.825; 125.950; 126.500; 126.750;
127.200; 127.350; 128.200; 128.325; 128.400
- (7) "Stop Buzzer" contact Richard C. Ball shall be available during testing at 603-318-6913 to cease operations in the event of any interference.