

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

EXPERIMENTAL

(Nature of Service)

XR FX

(Class of Station)

WC2XUQ

(Call Sign)

0495-EX-ST-2004

(File Number)

NAME BAE Systems

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:

Testing of VSWR to correct problems from thermal analysis testing performed under previous experimental license. Additional testing is now needed in order to test first two prototypes.

Station Locations

(1) Merrimack (HILLSBOROUGH), NH - NL 42-48-59; WL 71-29-16

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-59; WL 71-29-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.5-7 GHz	FX	N0N	48 W (ERP)	
13.5-15 GHz	FX	N0N	313 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.

This authorization effective September 10, 2004 and
will expire 3:00 A.M. EST March 10, 2005

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COMMISSION**



Special Conditions:

- (2) Licensee shall not radiate in the 5.5 -7.0 GHz band in the direction bounded by 143 and 153 degrees referenced to True North.
- (3) Licensee shall provide protection to government licensees at the following locations and on their respective frequencies: Burlington, MA - 14.55125 GHz; Boston, MA - 14.55125 GHz; Boston, MA - 14.66125 GHz; Windsor Locks, CT - 14.55125 GHz; and Windsor Locks, CT - 14.66125 GHz.