

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

EXPERIMENTAL  
(Nature of Service)

XR      FX  
(Class of Station)

WC2XUQ  
(Call Sign)

0214-EX-PL-2001  
(File Number)

NAME BAE Systems

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. 5.202(c) of the Commission's Rules

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 (+/-) |
|-----------|---------------|---------------------|---------------------|---------------------------|
| 5975 MHz  | FX            | CW                  | 10 W (Output Power) |                           |
| 6500 MHz  | FX            | CW                  | 1 kW (Output Power) |                           |
| 13750 MHz | FX            | CW                  | 10 W (Output Power) |                           |
| 14500 MHz | FX            | CW                  | 1 kW (Output Power) |                           |

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.
- (2) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir@sbe.org](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (3) Licensee shall coordinate with fixed microwave users according to Section 101.103(d) of the FCC rules.
- (4) Special Temporary Authority is hereby granted to conduct thermal analysis testing.

This authorization effective January 24, 2002 and  
will expire 3:00 A.M. EST August 01, 2002

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COMMUNICATIONS  
COMMISSION**

