

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

EXPERIMENTAL

(Nature of Service)

WE2XBV

(Call Sign)

XC FX

(Class of Station)

0112-EX-CM-2018

(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) of the Commission's Rules

Station Locations

(1) GREENLAWN (SUFFOLK), NY - NL 40-51-48; WL 73-22-26

Frequency Information

GREENLAWN (SUFFOLK), NY - NL 40-51-48; WL 73-22-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
500-2000 MHz	FX	NON	0.08 mW (ERP)	

Special Conditions:

- (1) Assignment on 1030 MHz or in one of the bands 1215-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, NY. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, NY, as necessary to ensure compatibility with existing uses.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective October 11, 2018 and
will expire 3:00 A.M. EST October 12, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (5) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (6) 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.
- (7) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (8) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Mid-Atlantic Area Frequency Coordinator (AFC), Patuxent River, MD, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC as necessary to ensure compatibility with existing uses.
- (9) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (10) Renewal of this License is subject to prior coordination with AFTRCC Frequency Advisory Committee, PO Box 200547, Cartersville, GA 30120-9010, Telephone (770) 494-2893.
- (11) The applicant shall EXCLUDE the following frequency bands: 608-614 MHz, 756-768 MHz and 788-798 MHz.
- (12) Stop buzzers, Jim Milligan 631-262-8361 and BAE Systems Emergency Services Center 603-885-3842.
- (13) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the related U.S. Navy contract N00019-09-C-0019. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (14) Operations in the frequency 1435-1525 MHz must not interference with, and accept interference from, aeronautical telemetry operations.
- (15) Operations will occur in a fully shielded anechoic chamber with the door closed, providing at least 50 dB attenuation. Any future operations with the chamber door open or outside the chamber will require a new coordination with FAA.
- (16) Use of this frequency or band under the authority of this assign is subject to further coordination with the AFC, Patuxent river, Maryland, as necessary to ensure compatibility with existing uses.