

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WD2XDP

(Call Sign)

0024-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) Lebanon Township (HUNTERDON), NJ - NL 40-42-12; WL 74-52-11

Frequency Information

Lebanon Township (HUNTERDON), NJ - NL 40-42-12; WL 74-52-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1025-1035 MHz	FX	NON	1 W (ERP)	
1059.6-1060.4 MHz	FX	NON	100 W (ERP)	
1087-1093 MHz	FX	NON	1 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective March 14, 2018 and
will expire 3:00 A.M. EST January 26, 2020

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Special Conditions:

- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Navy contract N00019-15-C-0038. 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.
- (5) Use of this frequency or band under the authority of this assign is subject to further coordination with the FAA as necessary to ensure compatibility with existing uses.
- (6) The designated point-of-contact to terminate the system if having interference occurs is BAE Systems Emergency Services Center at (603) 885-3842.
- (7) Licensee shall notify the FAA Spectrum Management Office of each and every OE-120()/UPX Antenna Sell Off event at least one week prior to the event and provide current contact information for the event. The FAA contact points are Mr. Rodney Murphy (Rodney.murphy@faa.gov) and Mr. Don Nellis (donald.nellis@faa.gov).
- (8) The FAA will not extend the use of the 1030 and 1090 MHz CW testing beyond 1 January 2020 when the ADS-B mandate takes effect.