

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WE2XOC

(Call Sign)

0304-EX-CR-2017

(File Number)

NAME General Dynamics-OTS, 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(c & h) of the Commission's Rules

Station Locations

- (1) Marion (SMYTH), VA - NL 36-50-44; WL 81-29-23
- (2) Marion (SMYTH), VA - NL 36-50-44; WL 81-29-23

Frequency Information

Marion (SMYTH), VA - NL 36-50-44; WL 81-29-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2-6 GHz	FX	NON	25 W (ERP)	
3-4 GHz	FX	NON	1 W (ERP)	

This authorization effective September 01, 2017 and
will expire 3:00 A.M. EST September 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Marion (SMYTH), VA - NL 36-50-44; WL 81-29-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9-10.5 GHz	FX	NON	10 W (ERP)	

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the HQ USAF Frequency Coordinator, Alexandria, VA., 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 HQ USAF Frequency Coordinator, Alexandria, VA., as necessary to ensure compatibility with existing uses.
- (2) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (3) 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.
- (4) 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.
- (5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (6) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (7) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (8) Stop buzzer: Mark Tucker: Mobile Phone: 276-782-5106.
- (9) Future assignments under this air force contract should be directed through Air Force spectrum management channels. Contract - F33657-02-C-2001, contact Jim Montgomery 562-593-6420.