

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WE2XOT

(Call Sign)

0008-EX-AL-2017

(File Number)

NAME General Dynamics Mission Systems, 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 36-50-06; WL 81-30-26

Frequency Information

Marion (SMYTH), VA - NL 36-50-06; WL 81-30-26

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 6-10.6 GHz     | FX            | N0N                 | 1603.2 W (ERP)   |                           |
| 10.7-14.47 GHz | FX            | N0N                 | 1603.2 W (ERP)   |                           |
| 14.5-15.35 GHz | FX            | N0N                 | 1603.2 W (ERP)   |                           |
| 15.4-18 GHz    | FX            | N0N                 | 1603.2 W (ERP)   |                           |

This authorization effective November 21, 2017 and  
will expire 3:00 A.M. EST June 01, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (3) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) The frequency assignment 6-10.6 GHz was coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.