

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

EXPERIMENTAL  
(Nature of Service)  
  
XT      FX  
(Class of Station)

WE2XPZ  
(Call Sign)  
  
0118-EX-RR-2012  
(File Number)

NAME General Dynamics Armament and Technical Products, 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 & g) of the Commission's Rules

Station Locations

- (1) Marion (SMYTH), VA - NL 36-50-03; WL 81-30-27
- (2) Marion (SMYTH), VA - NL 36-50-06; WL 81-30-26

Frequency Information

Marion (SMYTH), VA - NL 36-50-03; WL 81-30-27

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 12-14.47 GHz   | FX            | N0N                 | 1720 W (ERP)     |                           |
| 14.5-15.35 GHz | FX            | N0N                 | 1720 W (ERP)     |                           |
| 15.4-18 GHz    | FX            | N0N                 | 1720 W (ERP)     |                           |

This authorization effective July 01, 2012 and  
will expire 3:00 A.M. EST July 01, 2017

FEDERAL  
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COMMISSION



## Frequency Information

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

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 12-14.47 GHz   | FX            | N0N                 | 1720 W (ERP)     |                           |
| 14.5-15.35 GHz | FX            | N0N                 | 1720 W (ERP)     |                           |
| 15.4-18 GHz    | FX            | N0N                 | 1720 W (ERP)     |                           |

## Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.