

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

EXPERIMENTAL

(Nature of Service)

XD      FX

(Class of Station)

WG2XFD

(Call Sign)

0190-EX-PL-2012

(File Number)

NAME ShawnTech Communications, 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(i) of the Commission's Rules

Station Locations

(1) Ridgeville (DORCHESTER), SC - NL 33-05-06; WL 80-17-32

Frequency Information

Ridgeville (DORCHESTER), SC - NL 33-05-06; WL 80-17-32

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 851-869 MHz       | FX            | 17K5D7W             | 15 W (ERP)       |                           |
| 869.2-893.8 MHz   | FX            | 234KGXW             | 15 W (ERP)       |                           |
| 869.7-893.31 MHz  | FX            | 1M25F9W             | 15 W (ERP)       |                           |
| 1930.2-1989.8 MHz | FX            | 236KGXW             | 15 W (ERP)       |                           |

This authorization effective May 03, 2012 and  
will expire 3:00 A.M. EST May 03, 2014

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Ridgeville (DORCHESTER), SC - NL 33-05-06; WL 80-17-32

| Frequency           | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------------|---------------|---------------------|------------------|---------------------------|
| 1931.25-1988.75 MHz | FX            | 1M25F9W             | 15 W (ERP)       |                           |

## Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Dan DeCerbo Jr. at (937) 361-7461.
- (6) Operation is limited to only those frequencies for which Shawntech has obtained written consent from Sprint, T-Mobile, AT&T, Verizon and Cricket. The frequencies of additional licensees may be added to this authorization upon submittal to and approval by the Commission of written consent from those affected licensees.
- (7) A requirement to submit a report detailing the test and results at the end of the experimental period.
- (8) Licensee is required to submit an Interim Report detailing the results of passive testing and testing with controlled phones to ensure proper system calibration for each commercial licensee prior to beginning any uncontrolled testing. This INTERIM REPORT shall be attached as an exhibit to the electronic file.
- (9) Licensee may not cause interference to authorized stations including adjacent channel public safety stations.