

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD      FX

(Class of Station)

WH9XXY

(Call Sign)

0872-EX-ST-2014

(File Number)

NAME Shawntech Communications, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

**Purpose Of Operation:**

Provide a Secure Communications / Private Mobile Radio Service to Agencies to manage and control mobile device interdiction.

**Station Locations**

(1) Pendleton (MADISON), IN - NL 39-58-54; WL 85-45-30

**Frequency Information**

Pendleton (MADISON), IN - NL 39-58-54; WL 85-45-30

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 728-734 MHz | FX            | 6M00D7W             | 250 mW (ERP)     | 5 %                       |
| 740-746 MHz | FX            | 6M00D7W             | 250 mW (ERP)     | 5 %                       |
| 776-787 MHz | FX            | 10G0M2W<br>11M0D7W  | 250 mW (ERP)     | 5 %                       |

This authorization effective October 16, 2014 and  
will expire 3:00 A.M. EST April 16, 2015

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Pendleton (MADISON), IN - NL 39-58-54; WL 85-45-30

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 845-846.5 MHz | FX            | 1M50D7W                       | 250 mW (ERP)     | 5 %                       |
| 846.5-849 MHz | FX            | 10M0A0A<br>15M0D7W<br>2M50D7W | 250 mW (ERP)     | 5 %                       |
| 890-891.5 MHz | FX            | 1M50D7N                       | 250 mW (ERP)     | 5 %                       |
| 891.5-894 MHz | FX            | 2M50D7W                       | 250 mW (ERP)     | 5 %                       |
| 1930-1945 MHz | FX            | 15M0D7W                       | 250 mW (ERP)     | 5 %                       |
| 1945-1950 MHz | FX            | 5M00D7W                       | 250 mW (ERP)     | 5 %                       |
| 1950-1965 MHz | FX            | 15M0D7W<br>15M0D7W            | 250 mW (ERP)     | 5 %                       |
| 1950-1965 MHz | FX            | 10M0M2W<br>15M0D7W            | 250 mW (ERP)     | 5 %                       |
| 1965-1970 MHz | FX            | 5M00D7W                       | 250 mW (ERP)     | 5 %                       |

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|---------------|---------------|-------------------------------|------------------|---------------------------|
| 1970-1975 MHz | FX            | 5M00D7W                       | 250 mW (ERP)     | 5 %                       |
| 1975-1990 MHz | FX            | 15M0D7W                       | 250 mW (ERP)     | 5 %                       |
| 1975-1990 MHz | FX            | 10G0M2W<br>15M0D7W<br>15M0D7W | 250 mW (ERP)     | 5 %                       |
| 1990-1995 MHz | FX            | 15M0D7W                       | 250 mW (ERP)     | 5 %                       |
| 2110-2120 MHz | FX            | 10M0D7W                       | 250 mW (ERP)     | 5 %                       |
| 2120-2130 MHz | FX            | 10G0M2W<br>10M0D7W            | 250 mW (ERP)     | 5 %                       |
| 2130-2135 MHz | FX            | 5M00D7W                       | 250 mW (ERP)     | 5 %                       |
| 2135-2140 MHz | FX            | 5M00D7W                       | 250 mW (ERP)     | 5 %                       |
| 2140-2145 MHz | FX            | 5M00D7W                       | 250 mW (ERP)     | 5 %                       |
| 2145-2155 MHz | FX            | 10G0M2W<br>10M0D7W            | 250 mW (ERP)     | 5 %                       |

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| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 2145-2155 MHz | FX            | 10M0D7W                       | 250 mW (ERP)     | 5 %                       |
| 2145-2155 MHz | FX            | 10G0M2W<br>11M0D7W<br>10M0D7W | 250 mW (ERP)     | 5 %                       |
| 2350-2355 MHz | FX            | 5M00D7W                       | 250 mW (ERP)     | 5 %                       |
| 2355-2360 MHz | FX            | 5M00D7W                       | 250 mW (ERP)     | 5 %                       |

## Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (4) Operation on Commercial Mobile Radio Services (CMRS) frequencies requires consent of CMRS licensees to avoid interference.
- (5) 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.