

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

EXPERIMENTAL

(Nature of Service)

WA8XCB

(Call Sign)

XT MO

(Class of Station)

1355-EX-ST-2026

(File Number)

NAME ShawnTech Communications LLC

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 Agencies a secure communications/private mobile radio service to manage cellular access and interdict contraband devices.

Station Locations

- (1) MOBILE: FCI Petersburg Correctional Complex, Hopewell,VA, within 0.66 km, centered around NL 37-19-36; WL 77-20-42

Frequency Information

MOBILE: FCI Petersburg Correctional Complex, Hopewell,VA, within 0.66 km, centered around NL 37-19-36; WL 77-20-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
716-746 MHz	MO	30M0D7E	10 W (ERP)	0.5 %
746-757 MHz	MO	11M0D7E	10 W (Output Power)	0.5 %
775-776 MHz	MO	1M00D7E	10 W (Output Power)	0.5 %

This authorization effective July 28, 2026 and
will expire 3:00 A.M. ET January 29, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: FCI Petersburg Correctional Complex, Hopewell, VA, within 0.66 km, centered around NL 37-19-36; WL 77-20-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
855-869 MHz	MO	14M0D7E	10 W (Output Power)	0.5 %
869-894 MHz	MO	25M0D7E	10 W (Output Power)	0.5 %
1710-1780 MHz	MO	70M0D7E	10 W (Output Power)	0.5 %
1930-1990 MHz	MO	60M0D7E	10 W (Output Power)	0.5 %
2110-2200 MHz	MO	90M0D7E	10 W (Output Power)	0.5 %
2500-2690 MHz	MO	190MD7E	10 W (Output Power)	0.5 %

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) In order to operate in the requested 2500 – 2690 MHz band, ShawnTech Communications LLC must reach 56 dB of attenuation at the spot frequency 2715 MHz, otherwise NTIA non-concurs with operations in the 2500 – 2690 MHz band.
- (3) Prior to commencing any operations in the frequencies below, Licensee must obtain consent from the following within 50 miles of the contours of the testing areas:
 - 700 MHz Lower Band “C” block licensees (710-716 MHz/740-746 MHz)
 - 700 MHz Upper Band “C” block (746-757 MHz) licensee (Verizon)
 - 700 MHz Guard Band licensees (775-776 MHz/805-806 MHz)
 - SMR/ESMR licensees (809-824 MHz/854-869 MHz)
 - B/ILT licensees (809-824 MHz/854-869 MHz)
 - Cellular licensees (824-849 MHz/869-894 MHz)
 - Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - 1910-1915 MHz/1990-1995 MHz band licensee (T-Mobile)

Special Conditions:

- (4) Licensee's operation under this grant shall be experimental only. This grant does not authorize permanent deployment and operation at a correctional facility. Such operations, including those that form the basis for submissions under 47 CFR § 20.23(b)(3)(ii)(F), must be authorized pursuant to a lease arrangement(s) with relevant wireless providers under Part 1, Subpart X of the Commission's rules
- (5) Licensee shall notify the Educational Broadband Service and Broadband Radio Service licensees in the proposed areas prior to operation in the frequency range from 2500 MHz to 2690 MHz
- (6) Licensee shall notify the Advanced Wireless Service licensees in the proposed areas prior to accessing to 1710-1780 MHz and 2110-2200 MHz bands.
- (7) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.