

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

EXPERIMENTAL

(Nature of Service)

WR9XTY

(Call Sign)

XT MO

(Class of Station)

0411-EX-ST-2021

(File Number)

NAME Fenix Group, 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:

Product demonstration and testing

Station Locations

(1) MOBILE: Fort Story, VA, within 20 km, centered around NL 36-54-57; WL 76-11-26

Frequency Information

MOBILE: Fort Story, VA, within 20 km, centered around NL 36-54-57; WL 76-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-894 MHz	MO	20M0M7W	283.85 mW (ERP)	
868-915 MHz	MO	160KGXD	81.17 mW (ERP)	
1350-1390 MHz	MO	20M0D1D	5.79839 W (ERP)	

This authorization effective April 26, 2021 and
will expire 3:00 A.M. EST October 24, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Story, VA, within 20 km, centered around NL 36-54-57; WL 76-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1780 MHz	MO	20M0M7W	6.82537 W (ERP)	
1850-1990 MHz	MO	20M0M7W	6.82537 W (ERP)	
2400-2507 MHz	MO	20M0D1D	9.66398 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) 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) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - SMR/ESMR licensees (809-824 MHz/854-869 MHz)
 - ESMR licensees (817-824 MHz/862-869 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)
 - SMR licensees (896-901 MHz/935-940 MHz)
 - B/ILT licensees (896-901 MHz/935-940 MHz)
 - Narrowband PCS licensees (901-902/930-931/940-941 MHz)
 - Location & Monitoring Service licensees (902-928 MHz)
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
- (4) Fenix Group, Inc. must notch out the following:
 - a. 1781 - 1844 MHz band
 - b. 2200 - 2290 MHz band
- (5) Prior to operating, Fenix Group, Inc. is required to provide AFSMO, Jimmy Nguyen (jimmy.nguyen@us.af.mil), with stop buzzer POC info.
- (6) Fenix Group, Inc. shall comply with the limits of unwanted emission recommendations specified in ITU Resolution 750 (Rev. WRC-19) for operations in the 1350-1390 MHz band.
- (7) Any operations and devices to intentionally block, jam, or interfere with licensed or authorized radio communications are prohibited.

Special Conditions:

- (8) Fenix Group, Inc must obtain consents from the Advanced Wireless Service licensees in the proposed area prior to accessing to the frequency range from 1710 MHz to 1990 MHz.
- (9) Fenix Group, Inc must obtain consents from the Educational Broadband Service and Broadband Radio Service licensees prior to accessing to the frequency range from 2496 MHz to 2507 MHz.
- (10) Fenix Group, Inc. must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in the frequency range from 2450 MHz to 2500 MHz.
- (11) Fenix Group must coordinate with Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in frequency range from 2450 MHz to 2500 MHz.
- (12) Stop Buzzer: Dave Peterson at (571) 380-9211x1002.
- (13) Prior to commencing any operations in the 2483.5 – 2500 MHz frequency band, experimental licensee must notify licensee of GUSA Licensee LLC. (Call sign E970381, S2115. Name: Mr. L. Barbee Ponder IV Phone Number: 985-335-1503 E-Mail: Barbee.Ponder@Globalstar.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (14) This authorization SUPERSEDES the previous issued authorization with the same call sign and file number: adding the conditions.