

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

EXPERIMENTAL

(Nature of Service)

WQ9XOO

(Call Sign)

XT MO

(Class of Station)

0866-EX-ST-2020

(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:

Fenix Group, Inc. will be demonstrating communication between EUDs as well as the connectivity of sensors utilizing the Banshee product offering.

Station Locations

(1) MOBILE: Avon Park, within 20 km, centered around NL 27-36-46; WL 81-17-19

Frequency Information

MOBILE: Avon Park, within 20 km, centered around NL 27-36-46; WL 81-17-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
868-915 MHz	MO	160KGXD	81.17 mW (ERP)	
1350-1390 MHz	MO	20M0D1D	6.07166 W (ERP)	
1710-2200 MHz	MO	10M0M7W	283.85 mW (ERP)	

This authorization effective September 02, 2020 and
will expire 3:00 A.M. EST January 13, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Avon Park, within 20 km, centered around NL 27-36-46; WL 81-17-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1990 MHz	MO	10M0M7W	6.82537 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Fenix Group, Inc. shall secure consents from the Advance Wireless Service licensees prior to accessing to the frequency range from 1710 MHz to 2200 MHz.
- (4) Fenix Group, Inc. shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 2025-2110 MHz band.
- (5) 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 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)
 - 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)
 - 1910-1915 MHz/1990-1995 MHz Bands licensee
- (6) Fenix Group, Inc. shall notch out 1350-1390 MHz. Please coordinate with FAA via WebFCR.
- (7) Stop buzzer: Taylor Thompson at 309-826-8959, tthompson@fenixgroup.io
- (8) Prior to commencing any operations in the 2000-2010 MHz frequency band, the applicant must notify the earth station licensees the test dates and provide a stop buzzer in case of interference.