

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL

(Nature of Service)

WP2XNF

(Call Sign)

XT MO

(Class of Station)

1494-EX-ST-2026

(File Number)

NAME Technology Service Corporation

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:

TSCs product is RADAR signal repeater technology, that is being utilized in service for DoW demonstration under OUSD

Station Locations

- (1) MOBILE: Lake Pend Oreille. Bayview. ID, within 20 km, centered around NL 47-47-04;
WL 116-35-28

Frequency Information

MOBILE: Lake Pend Oreille. Bayview. ID, within 20 km, centered around NL 47-47-04; WL 116-35-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
860-942 MHz	MO	1M85P0N	1 W (ERP)	1.0E-6 %
2900-3100 MHz	MO	930KQ0N	1 W (ERP)	1.0E-6 %
5450-5825 MHz	MO	27M8P0N	1 W (ERP)	0.0055 %

This authorization effective August 17, 2026 and
will expire 3:00 A.M. ET August 22, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Lake Pend Oreille. Bayview. ID, within 20 km, centered around NL 47-47-04; WL 116-35-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9250-10000 MHz	MO	500MQ3X	5 W (ERP)	1.0E-6 %

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) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (3) Stop Buzzer Point of Contact: Kelly Miller (256) 535-2104 and TSC Frequency Control (252)-512-7715
- (4) 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 areas:
 - a) SMR/ESMR licensees (809-824 MHz/854-869 MHz)
 - b) B/ILT (809-824 MHz/854-869 MHz)
 - c) Cellular (824-849 MHz/869-894 MHz)
 - d) Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - e) SMR (896-901 MHz/935-940 MHz)
 - f) B/ILT (896-901 MHz/935-940 MHz)
 - h) Narrowband PCS (901-902/930-931/940-941 MHz)
 - i) Location & Monitoring Service licensees (902-928 MHz)
 - j) Paging Service in 929 and 931 MHz

Special Conditions:

- (5) Prior to commencing operations in the authorized frequency band(s), the licensee must notify the potentially affected licensees below. 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 also include the testing parameters (e.g., specific location(s), frequency bands, antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Frequency Bands: 9200-10550 MHz (Call sign S2946)

Licensee: Spire Global, Inc. Phone Number: 415-356-3400

ATTN: Ms Francisca Adeuyi E-Mail: francisca.adeuyi@spire.com

Frequency Bands: 9500-9800 MHz (s-E)(Call sign S3067)

Frequency Bands: 9300-9900 MHz (s-E), (Call sign S3082)

Frequency Bands: 9200-10400 MHz (Call sign S3165, S3224, S00757, S00806)

Licensee: ICEYE US, Inc. Phone Number: 757-493-1387

ATTN: Ms. Leola Moss Phone E-Mail: Leola.Moss@ICEYE.us

ATTN: DirecTV/AT&T. Mr. Raquel Noriega Email: raquel.noriega@att.com)

Frequency Bands: 9300-9900 MHz (Call sign S3137, S3178)

Frequency Bands: 9300-10000 MHz (Call sign S3162)

Licensee: Capella Space Corp. Phone Number: 703-962-0364

ATTN: Mr Daniel J Connors Jr. E-Mail: dan.connors@capellaspace.com

Frequency Bands: 9200-10400 MHz (Call sign S3095, S3168, S3186, S3220)

Licensee: Umbra Lab Inc., Phone Number: 805-270-5069

ATTN: Ms Iulia Davies E-Mail: iulia.davies@umbra.space

- (6) Licensee must coordinate with the Fixed Microwave Service licensees in the proposed venues prior to operation in the 860-942 Mhz band.
- (7) Licensee must notch the following frequency bands:
- a) 932.75 MHz (+/- 21.1 kHz)
 - b) 941.75 MHz (+/- 21.1 kHz)