

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WY9XOF

(Call Sign)

1234-EX-ST-2026

(File Number)

NAME Denali 20020, 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:

Denali 20020, LLC is conducting a technical Proof of Concept (PoC) at its satellite teleport facility in Brewster, Washington, utilizing an optimized NEC 7.6-meter ground station antenna.

Station Locations

(1) Brewster (OKANOGAN), WA - NL 48-08-44; WL 119-42-09

Frequency Information

Brewster (OKANOGAN), WA - NL 48-08-44; WL 119-42-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2109.667-2109.833 MHz	FX	166KG1D	504870 W (ERP)	
2109.74-2109.76 MHz	FX	20K0G1D	60741 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.

This authorization effective July 06, 2026 and
will expire 3:00 A.M. EST December 23, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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 operation notify the VLBA point of contact at e-mail address:
Vlba-freqcoord@nrao.edu
- (4) All station(s) must use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Denali 20020, LLC is authorized only to provide Earth-to-space (uplink) support to the AF FalconSat 6 and FalconSat X spacecraft and must therefore ensure that all transmissions occur strictly during periods when these spacecraft are visible from the Brewster, WA earth station.
- (6) Denali 20020, LLC should be aware that these frequencies overlap with NASA's Emergency Communication System for the Orion crewed spacecraft. Any future use that coincides with an Artemis mission will be subject to significant technical restrictions. Any requests for renewal or modification of this STA must be explicitly coordinated with Federal Agencies.
- (7) The stop buzzer contact is Eduardo Martinez 1-509-449-0429
emartinez@usei-teleport.com
- (8) Because the requested frequency ranges match the requested bandwidths exactly, all emission modes should use a fixed center frequency of 2109.75 MHz to eliminate any potential ambiguity.
- (9) 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.