

May 25, 2022

TO: Ms. Marlene H. Dortch
Secretary, Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554
Re: Request for Special Temporary Authority

Dear Ms. Dortch,

Pursuant to Section 25.120 of the Commission's Rules, Denali 20020, LLC (Denali) requests Special Temporary Authority (STA) for up to forty-five (45) days or until a fixed license is granted, commencing June 29, 2022 for the operation of a satellite earth station in Brewster, Washington to communicate with the RECURVE (AFRL) satellite. The Brewster earth station is located at 48° 8' 44.0" N, 119° 42' 9.2" W (Call Sign E990066).

The Denali satellite earth station in Brewster is applying to provide LEOP as well as continued TT&C downlink support to the RECURVE satellite given its optimal location with other earth stations around the globe. The Brewster station is to assist in risk mitigation efforts given its current configurations and Denali's willingness and ability to quickly adapt and support potential at-risk satellites. A brief summary of parameters are below.

Frequencies Sought by This STA

(1) TT&C uplink

Center Frequency: 2097.5 MHz

Bandwidth: 128 Khz

Polarity: LHCP/RCHP

(2) TT&C Downlink

Center Frequency: 2230.3 MHz

Polarity: LHCP/RHCP

Operation of the Brewster earth station beginning June 29, 2022 for the spacecraft launch will enable frequent, predictable contact with the spacecraft to support potential collision avoidance and perform orbit maintenance. It is important to protect and maintain the RECURVE satellite in a safe and stable orbit and granting the STA would serve the public interest.

If you have any questions regarding the spacecraft please feel free to contact the following:

RECURVE AFRL Mission Manager

Kate Yoshino

505-853-1130

kate.yoshino.1@spaceforce.mil

Respectfully Submitted,

A handwritten signature in black ink that reads "Darrin White". The signature is written in a cursive, flowing style with a large initial "D" and a prominent "W".