



UNITED STATES OF AMERICA FEDERAL COMMUNICATIONS COMMISSION

EARTH STATION AUTHORIZATION

Name: Denali 20020, LLC

Call Sign: E990069

Authorization Type: Renewal

File Number: SES-RWL-20240320-00871

Grant Date: 12-29-2025 **Expiration Date:** 06-25-2039

Nature of Service: Earth Exploration-Satellite Service

Class of Station: FES

A) Site Location(s):

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1	1	P.O. BOX 430, 66C BREWSTER, OKANOGAN, WA 98812	48 ° 8 ' 48.8 " N	119 ° 42 ' 4.2 W	382.8	NAD- 83	

Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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Tuesday, June 25, 2024 (3 AM Eastern Standard Time) and ending Saturday, June 25, 2039 (3 AM Eastern Standard Time)[Grant Date / Construction Commencement Date not found]

B) Particulars of Operation

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1	8166.585 - 8233.415		66M8G1D	Space- to- Earth			1		DIGITAL
2	8099.585 - 8166.415		66M8G1D	Space- to- Earth			1		DIGITAL
3	2055.345 - 2056.655		1M31F1D	Earth- to- Space	46	20.85	1		DIGITAL DATA CARRIER
4	449.97 - 450.03		60K0F1D	Earth- to- Space	25.48	13.72	1		DIGITAL
5	401.27 - 401.33		60K0F1D	Space- to- Earth			1		DIGITAL



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C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc Deg. Long.		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1	8166.585 - 8233.415			5	5	0	360		1
2	8099.585 - 8166.415			5	5	0	360		1
3	2055.345 - 2056.655			5	5	0	360	-17.6	1
4	449.97 - 450.03			5	5	0	360	-13.72	1
5	449.97 - 450.03			5	5	0	360	19.72	1
6	401.27 - 401.33			5	5	0	360		1



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D) Points of Communications

#	Common Name	ITU Name	Orbit Location	Country	Destination Points	Permitted List
1	Planet FLOCK (S2912)	Planet Labs	NGSO			False



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E) Antenna Facilities

#	Site ID	Antenna ID	Units	Manufacturer	Model Number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1	BREW-5	1	NEC	G2573C		11.9	

Max Gains(s):

Maximum aggregate output EIRP for all carriers(dBW): 1,175

Maximum total input power at antenna flange(Watts): 81

2	1	UHF_YAGI	1	M2 INC.	450CP34/400CP30		3.8	
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Max Gains(s):

Maximum aggregate output EIRP for all carriers(dBW): 100

Maximum total input power at antenna flange(Watts): 36.5

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions.



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H) Special and General Provisions:

A) This EARTH STATION AUTHORIZATION is granted subject to the following special provisions and general conditions.

- 4 --- Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Communications Filing System (ICFS) using the "Pleadings and Comments" link on the ICFS homepage within 10 days of the change.
- 8 --- Licensee must notify the Commission when all earth stations under this authorization are no longer operational or when they have not been used to provide service during any continuous six-month period.
- 90900 --- Grant of the instant application is subject to the terms and condition of all associated current or future space station authorization(s) or grant(s) of market access. Operations pursuant to the instant authorization must be consistent with the associated space station(s) authorizations(s) or grant(s) of market access.

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.