



UNITED STATES OF AMERICA FEDERAL COMMUNICATIONS COMMISSION

EARTH STATION AUTHORIZATION

Name: Intelsat License LLC

Call Sign: E220133

Authorization Type: License

File Number: SES-LIC-20220829-00925

Grant Date: 2026-04-01 **Expiration Date:** 2041-04-01

Nature of Service: Fixed-Satellite Service

Class of Station: j. Other (please specify)

A) Site Location(s):

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1	1	United States and its Possessions, ,	0 ° 0 ' 0 " N	0 ° 0 ' 0 W	0	NAD-83	

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



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Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning Wednesday, April 1, 2026 (3 AM Eastern Standard Time) and ending Monday, April 1, 2041 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is Thursday, April 1, 2027. Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

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	14000 - 14500		4M32G7W	Earth- to-Space	43	12.666	500		Digital data
2	11700 - 12200		14M9G7W	Space- to-Earth			500		Digital data
3	14000 - 14500		998KG7W	Earth- to-Space	40.39	16.419	500		Digital data
4	11700 - 12200		14M9G7W	Space- to-Earth			500		Digital data
5	11700 - 12200		14M9G7W	Space- to-Earth			500		Digital data
6	14000 - 14500		1M56G7W	Earth- to-Space	39.3	13.4	500		Digital data
7	11700 - 12200		14M9G7W	Space- to-Earth			500		Digital data
8	14000 - 14500		1M29G7W	Earth- to-Space	35.1	10.015	500		Digital data
9	11700 - 12200		14M9G7W	Space- to-Earth			500		Digital data
10	14000 - 14500		1M56G7W	Earth- to-Space	54	28.1	500		Digital data
11	11700 - 12200		14M9G7W	Space- to-Earth			500		Digital data

12	14000 - 14500	707KG7W	Earth- to-Space	39.5	17.026	500	Digital data
13	11700 - 12200	14M9G7W	Space- to-Earth			500	Digital data
14	14000 - 14500	2M40G7W	Earth- to-Space	51.7	23.918	500	Digital data



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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	14000 - 14500			5	5	0	360	-8.96	500
2	11700 - 12200			5	5	0	360		500
3	14000 - 14500			5	5	0	360	-10.86	500
4	11700 - 12200			5	5	0	360		500
5	11700 - 12200			5	5	0	360		500
6	14000 - 14500			5	5	0	360	-12.18	500
7	11700 - 12200			5	5	0	360		500
8	14000 - 14500			5	5	0	360	-10.46	500
9	11700 - 12200			5	5	0	360		500
10	14000 - 14500			5	5	0	360	-4.18	500
11	11700 - 12200			5	5	0	360		500
12	14000 - 14500			5	5	0	360	-9	500
13	11700 - 12200			5	5	0	360		500
14	14000 - 14500			5	5	0	360	-5.81	500



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D) Points of Communications

#	Common Name	ITU Name	Orbit Location	Country	Destination Points	Permitted List
1	PERMITTED LIST					False

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#	Site ID	Antenna ID	Units	Manufacturer	Model Number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1	FL60P .6m	500	Starwin	FL60-P		0	
Max Gains(s): Maximum aggregate output EIRP for all carriers(dBW): 6 Maximum total input power at antenna flange(Watts): 44.482								
2	1	AVL 75 cm	500	AVL	AVL0714		0	
Max Gains(s): Maximum aggregate output EIRP for all carriers(dBW): 25 Maximum total input power at antenna flange(Watts): 53.179								
3	1	AVL 60 cm	500	AVL	AVL0614		0	
Max Gains(s): Maximum aggregate output EIRP for all carriers(dBW): 25 Maximum total input power at antenna flange(Watts): 51.079								
4	1	FL30P .3m	500	Starwin	FL30P-M		0	
Max Gains(s): Maximum aggregate output EIRP for all carriers(dBW): 16 Maximum total input power at antenna flange(Watts): 44.041								
5	1	AVL 135 cm	500	AVL	AVL1314		0	
Max Gains(s): Maximum aggregate output EIRP for all carriers(dBW): 25 Maximum total input power at antenna flange(Watts): 57.779								

6	1	ULV .6m	500	Gigasat	ULV	0
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7	1	AVL 98 cm	500	AVL	AVL0914	0
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Max Gains(s):

Maximum aggregate output EIRP for all carriers(dBW): 25

Maximum total input power at antenna flange(Watts): 55.379

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.
- 90067 --- Operation in the territory or airspace of any country other than the United States must be in compliance with the applicable laws, regulations, and licensing procedures of that country, as well as with the conditions of this authorization.
- 90075 --- Licensee is afforded 30 days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
- 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.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

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.