

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



UNITED STATES OF AMERICA FEDERAL COMMUNICATIONS COMMISSION

EARTH STATION AUTHORIZATION

Name: GCI Communication Corp.

Call Sign: E873440

Authorization Type: Renewal

File Number: SES-RWL-20250228-00286

Grant Date: 2026-07-01 **Expiration Date:** 2040-04-06

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 Sunday, April 6, 2025 (3 AM Eastern Standard Time) and ending Friday, April 6, 2040 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is [Grant Date / Construction Commencement Date not found]. 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	3700 - 4200		175KG7W	Space- to- Earth			1		QPSK MODULATION FOR TELEPHONY, FACSIMILE
2	3700 - 4200		1M06G7W	Space- to- Earth			1		QPSK MODULATION FOR TELEPHONY, FACSIMILE
3	5925 - 6425		1M06G7W	Earth- to- Space	77.93	53.7	1		QPSK MODULATION FOR TELEPHONY, FACSIMILE
4	5925 - 6425		175KG7W	Earth- to- Space	70.11	53.7	1		QPSK MODULATION FOR TELEPHONY, FACSIMILE
5	5925 - 6425		6K72D7W-	Earth- to- Space	45.7	43.45	2		PHASE AND AMPLITUDE MODULATED

#	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
									VOICE, VID
6	5925 - 6425		36M0D7W	Earth- to- Space	72.2	32.66	2		PHASE AND AMPLITUDE MODULATED VOICE, VID
7	5925 - 6425		36M0G7W	Earth- to- Space	72.2	32.66	2		PHASE AND AMPLITUDE MODULATED VOICE, VID
8	5925 - 6425		6K72G7W-	Earth- to- Space	45.7	43.45	2		PHASE AND AMPLITUDE MODULATED VOICE, VID
9	3700 - 4200		36M0D7W	Space- to- Earth			2		PHASE AND AMPLITUDE MODULATED VOICE, VID
10	3700 - 4200		6K72G7W-	Space- to- Earth			2		PHASE AND AMPLITUDE MODULATED VOICE, VID
11	3700 - 4200		36M0G7W	Space- to- Earth			2		PHASE AND AMPLITUDE MODULATED VOICE, VID
12	3700 - 4200		6K72D7W-	Space- to- Earth			2		PHASE AND AMPLITUDE MODULATED VOICE, VID



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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	3700 - 4200	110W	116E	5.51	5.09	108.76	251.83		1
2	5925 - 6425	110W	116E	5.51	5.09	108.76	251.83	8.4	1
3	5925 - 6425	110W	116E	5.51	5.09	108.76	251.83	8.4	2
4	3700 - 4200	110W	116E	5.51	5.09	108.76	251.83		2



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D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

1) 1 to Geo (U.S.-licensed satellite)



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E) Antenna Facilities

#	Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1	1	1	13	HARRIS	5270	9.14	13.3 AGL / undefined AMSL	

Max Gains(s):

Maximum total input power at antenna flange(Watts): 400

Maximum aggregate output EIRP for all carriers(dBW): 82.42

2	1	2	1	3.8	PATRIOT	380-AZ	9.14	6 AGL / undefined AMSL	
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Max Gains(s):

Maximum total input power at antenna flange(Watts): 400

Maximum aggregate output EIRP for all carriers(dBW): 72.2

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.
- 521 --- The grant of this application is subject to Licensee submitting an acceptable radiation hazard analysis report with the new near field power density formula in accordance with IEEE Std. C95.3-2021, Section D.4.4. "S_{nf} limit $16P/((\text{Eta})(\text{Pi})(\text{Dsquared}))$ ", within 180 calendar days of the publishing of the updated radiation hazard in OET's Bulletin 65. Licensee should not contemplate extension-of-time to meet this condition.
- 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, 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.