

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Apr 2019 - GCI Warehouse (E020336) C-Band STA Extension

1. Applicant

Name: GCI Communication Corp. Phone Number: 907-868-5615
DBA Name: DBA Name: 907-868-9817
Street: 2550 Denali St, Ste 1000 E-Mail: gcilicensemanager@gci.com
City: Anchorage State: AK
Country: USA Zipcode: 99503 -2737
Attention: Ms Cynthia L Hall

60 days
"with conditions"

File # SES-STA-2019040400447



Call Sign: E020336 Grant Date: 04/17/2019
(or other identifier)

Term Dates
From: 04/17/2019 To: 06/16/2019

Approved: [Signature]

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|---|--------------------------|
| 2. Contact | |
| Name: | GCI Communication Corp. |
| Company: | 2550 Denali St, Ste 1000 |
| Street: | 2550 Denali St, Ste 1000 |
| City: | Anchorage |
| Country: | USA |
| Attention: | |
| Phone Number: | 907-868-5615 |
| Fax Number: | 907-868-9817 |
| E-Mail: | chall2@gci.com |
| State: | AK |
| Zipcode: | 99503 -2737 |
| Relationship: | Same |
| (If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.) | |
| 3. Reference File Number SESSTA2018101703063 or Submission ID | |
| 4a. Is a fee submitted with this application? | |
| <input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). | |
| <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee | |
| <input type="radio"/> Other (please explain): | |
| 4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station | |
| 5. Type Request | |
| <input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other | |
| 6. Requested Use Prior Date | |
| 04/08/2019 | |
| 7. City Anchorage | |
| 8. Latitude | |
| (dd mm ss.s h) 61 10 32.7 N | |

| | |
|---|--|
| 9. State AK | 10. Longitude (dd mm ss.s h) 149 52 24.5 W |
| 11. Please supply any need attachments. Attachment 1: Exhibit 1 Attachment 2: Attachment 3: | |
| 12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px;"> <p>GCI Communication Corp. is seeking an extension of its special temporary authority (STA) (File No. SES-STA-20181017-03063 to continue to operate, for 60 days or less pending the decision on its application for regular authority (IBFS File No. SES-LIC-20180608-01392), a fixed satellite earth station in the C-Band.</p> </div> | |
| 13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. <p style="text-align: right;">Yes <input checked="" type="radio"/> No <input type="radio"/></p> | |
| 14. Name of Person Signing Chris Mace | 15. Title of Person Signing VP, Network Services and Chief Engineer |
| WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503). | |

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

GCI Communication Corp.
Call Sign: E020336
File Number: SES-STA-20190404-00447
Special Temporary Authority ("STA")

GCI Communication Corp. ("GCI") is granted STA for 60 days to operate two antennas located in Anchorage, AK to communicate with Galaxy 18 satellite (Call Sign S2733) at orbital location 123° W and Horizon 3e satellite (Call Sign S2947) at orbital location 169°E on 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands under the following conditions:


1. Operations with antenna ID Test 3.6m, Scientific-Atlanta model 8136, will not exceed the operational power levels and parameters requested: maximum input power at antenna flange of 50.0 Watts, maximum total output eirp for all carriers of 62.3 dBW, transmit antenna gain of 45.3 dBi at 6.0 GHz. Operations will comply with the maximum input power density per carrier of -2.7 dBW/4kHz pursuant to 47 C.F.R. § 25.212(d).
2. Operations with antenna ID Test 3.8m, Patriot model TXINT-380AZ, will not exceed the operational power levels and parameters requested: maximum input power at antenna flange of 200.0 Watts, maximum total output eirp for all carriers of 69.2 dBW, transmit antenna gain of 46.2 dBi at 6.0 GHz. Operations will comply with the maximum input power density per carrier of -2.7 dBW/4kHz pursuant to 47 C.F.R. § 25.212(d).
3. Operations shall not cause harmful interference to, and shall not claim protection from interference caused to it by any other lawfully operating station, and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
4. Grant of this special temporary authority is without prejudice to future FCC action on GCI's pending application, IBFS File No. SES-LIC-20181017-03064.
5. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector.
6. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. The FCC's OET Bulletin 65 (available on-line at

www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alert signs and protective equipment for workers.

7. Any action taken or expense incurred as a result of operations pursuant to this authority is solely at GCI's risk.
8. Operations of this station during the period of expiration of FCC IBFS file number SES-STA-20181017-03063 to the grant of this STA was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.

60 days "With conditions"

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|  GRANTED International Bureau | File # <u>SES-STA-20190404-00447</u> |
| | Call Sign <u>E02033</u> Grant Date <u>04/17/2019</u> (or other identifier) |
| | Term Dates From: <u>04/17/2019</u> To: <u>06/16/2019</u> |
| | Approved: <u>Paul E. Hays</u> |
| | |

**GCI Communication Corp.
Request for Extension of Special Temporary Authority**

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

By this application (the “Application”), GCI Communication Corp. (“GCI”) hereby requests an extension of its special temporary authority (“STA”)¹ to continue to operate, for 60 days or less pending a decision on its application for regular authority,² a fixed satellite service (“FSS”) earth station in 3700-4200 MHz and 5925-6425 MHz.³ Specifically, GCI is seeking an extension of its temporary authorization to continue to provide service over the license identified by call sign E020336 (referred to herein as the “License”). Because GCI is requesting an STA for a period not to exceed 60 days pursuant to 47 C.F.R. §25.120(b)(3), this Application need not be placed on public notice and should be granted expeditiously pursuant to the rules. GCI’s operation of this Station would not cause harmful interference into surrounding networks, and as demonstrated below, there are extraordinary circumstances supporting the immediate grant of

¹ See IBFS File No. SES-STA-20181017-03063 (filed Nov. 27, 2018) (“Initial STA Request”).

² See IBFS File No. SES-LIC-20181017-03064. This application was accepted for filing on March 20, 2019. See *Satellite Communications Services re: Satellite Radio Applications Accepted for Filing*, Public Notice, Report No. SES-02145 (rel. Mar. 20, 2019).

³ GCI recognizes that the International, Public Safety and Homeland Security, and Wireless Telecommunications Bureaus (the “Bureaus”) announced a freeze effective April 19, 2018 “on the filing of new or modification applications for [FSS] earth station licenses, receive-only earth station registrations, and fixed microwave licenses in the 3.7-4.2 GHz frequency band.” Based on the text of the Public Notice, STA requests for FSS earth station licenses in the C-Band are not covered by the freeze. However, out of an abundance of caution, if the Bureaus were to determine that such an STA is considered a filing prohibited by this freeze, GCI respectfully requests a waiver of the freeze, as a grant of this STA request would “serve the public interest and not undermine the objectives of the freeze,” as detailed herein and further discussed in GCI’s request for waiver of this filing freeze in connection with its License application. See *Temporary Freeze on Applications for New or Modified Fixed Satellite Service Earth Stations and Fixed Microwave Stations in the 3.7-4.2 GHz Band, 90 Day Window to File Applications for Earth Stations Currently Operating in 3.7-4.2 GHz Band*, Public Notice, 1, 3, DA 18-398 (rel. Apr. 19, 2018).

GCI Communication Corp.
Request for Extension of Special Temporary Authority

these temporary operations which is in the public interest and any delay in the institution of these temporary operations would seriously prejudice the public interest.

GCI initially sought a STA due to the untimely filing of its renewal application for the License. The GCI employee responsible for making the filing inadvertently missed the filing date. Once this was known, the employee took immediate steps to initiate a license application, which is currently pending, a waiver of the filing deadline and the Initial STA Request. Furthermore, GCI is currently adopting additional procedures to help avoid such administrative errors in the future.

Grant of this request for an extension of its STA is necessary for GCI to provide reliable communications services to GCI's customers and would serve the public interest. In this instance, GCI relies on the License to conduct significant testing to perform tasks critical to the engineering, operations and testing of satellite services carried in GCI's satellite networks over the License. An extension of the STA would allow GCI to continue to provide important service to the public as a result of the License. Here, "there are extraordinary circumstances requiring temporary operations in the public interest" and "delay in the institution of these temporary operations would seriously prejudice the public interest."⁴ The substantial public service record of GCI indicates that the company is committed to providing service to consumers in Alaska. Thus, allowing GCI to continue to provide service over the License, for 60 days (or less, pending the grant of GCI's accompanying license application), would certainly be in the public interest. This service illustrates a "compelling reason" to expeditiously grant the requested STA.

⁴ 47 C.F.R. §25.120(b)(1).

**GCI Communication Corp.
Request for Extension of Special Temporary Authority**

This Application demonstrates that the public interest would be served by an extension of GCI's STA, of 60 days or less pending the grant of GCI's license application.