



**UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION**

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**RADIO STATION AUTHORIZATION**

**Name:** GCI Communication Corp.

**Call Sign:** E120191

**Authorization Type:** Modification of License

**File Number:** SES-MOD-20190725-00956

Non Common Carrier

**Grant date:** 12/08/2020

**Expiration Date:** 04/29/2028

**Nature of Service:** Fixed Satellite Service

**Class of Station:** VSAT Network

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
1)	REMOT101 0.95m	Various Locations in  0.95M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.	0°0'0.0"N	0°0'0.0"W	83	
2)	REMOT102 1.25M.	Various Locations in  1.25M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
3)	REMOT103 1.8M._a	Various Locations in  1.8M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
4)	REMOT104 1.8M._b	Various Locations in  1.8M. (200UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
5)	REMOT105 1.8M._c	Various Locations in  1.8M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
6)	REMOT106 1.8M._d	Various Locations in  1.8M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK



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**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
7)	REMOTE15 1.8M._e	Various Locations in  1.8M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
8)	REMOTE16 2.4M._a	Various Locations in  2.4M. (75UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
9)	REMOTE18 2.4M._c	Various Locations in  2.4M. (50UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
10)	REMOTE19 3.6M.	Various Locations in  3.6M. (10UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
11)	REMOTE2 1.0m	Various Locations in 1.0M. (5UNITS) CONUS, AK, HI,  Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				UNK
12)	REMOTE20 0.96M.	Various Locations in 0.96M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				UNK



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
13)	REMOTE211.2M_1.2M_h (25UNITS)	Various Locations in CONUS, AK, HI,				UNK  Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
14)	REMOTE22 1.2M_i	Various Locations in 1.2M_i (25UNITS) CONUS, AK, HI,				UNK  Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
15)	REMOTE23 1.8M_f	Various Locations in 1.8M_f (25UNITS) CONUS, AK, HI,				UNK
16)	REMOTE24 3.8M_a	Various Locations in 3.8M_a (10UNITS) CONUS, AK, HI,				UNK  Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
17)	REMOTE25 3.8M_b	Various Locations in 3.8M_b (10UNITS) CONUS, AK, HI,				UNK  Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
18)	REMOTE3 1.2mA	Various Locations in 1.2M. (200UNITS) CONUS, AK, HI,				UNK  Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
19)	REMOT4 1.2mB	Various Locations in  1.2M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
20)	REMOT5 1.2mC	Various Locations in  1.2M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
21)	REMOT6 1.2mD	Various Locations in  1.2M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
22)	REMOT7 1.2mE	Various Locations in  1.2M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
23)	REMOT8 1.2mF	Various Locations in  1.2M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK
24)	REMOT9 1.2mG	Various Locations in  1.2M. (25UNITS) CONUS, AK, HI, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				UNK



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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 April 29, 2013 (3 AM Eastern Standard Time) and ending April 29, 2028 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is December 8, 2021 (3 AM Eastern Standard Time) . Grantee must file with the Commission a certification upon completion of construction and commencement of operation.*

**B) Particulars of Operations**

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/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	14000.0000-14500.0000	H, V	112MG7W	Tx	51.20	11.66	0.95M.		Phase modulated video, voice, and data
2)	14000.0000-14500.0000	H, V	112MD7W	Tx	51.20	11.66	0.95M.		Phase and amplitude modulated video, voice, and data
3)	11700.0000-12200.0000	H, V	112MG7W	Rx			0.95M.		Phase modulated video, voice, and data
4)	11700.0000-12200.0000	H, V	112MD7W	Rx			0.95M.		Phase and amplitude modulated video, voice, and data
5)	14000.0000-14500.0000	H, V	112MG7W	Tx	58.02	13.55	1.0M.		Phase modulated video, voice, and data
6)	14000.0000-14500.0000	H, V	112MD7W	Tx	58.02	13.55	1.0M.		Phase and amplitude modulated video, voice, and data
7)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.0M.		Phase modulated video, voice, and data
8)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.0M.		Phase and amplitude modulated video, voice, and data
9)	14000.0000-14500.0000	H, V	112MG7W	Tx	5902.00	14.55	1.2M._a		Phase modulated video, voice, and data
10)	14000.0000-14500.0000	H, V	112MD7W	Tx	5902.00	14.55	1.2M._a		Phase and amplitude modulated video, voice, and data
11)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M._a		Phase modulated video, voice, and data
12)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.2M._a		Phase and amplitude modulated video, voice, and data



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#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
13)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.22	14.75	1.2M._b		Phase modulated video, voice, and data
14)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.22	14.75	1.2M._b		Phase and amplitude modulated video, voice and data
15)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M._b		Phase modulated video, voice, and data
16)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.32	14.85	1.2M._c		Phase modulated video, voice, and data
17)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M._c		Phase modulated video, voice, and data
18)	11700.0000-11700.0000	H, V	112MD7W	Rx			1.2M._c		Phase and amplitude modulated video, voice and data
19)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.32	14.85	1.2M._d		Phase modulated video, voice, and data
20)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.32	14.85	1.2M._d		Phase and amplitude modulated video, voice and data
21)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M._d		Phase modulated video, voice, and data
22)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.2M._d		Phase and amplitude modulated video, voice and data
23)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.52	15.05	1.2M._e		Phase modulated video, voice, and data
24)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.52	15.05	1.2M._e		Phase and amplitude modulated video, voice and data
25)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M._e		Phase modulated video, voice, and data
26)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.2M._e		Phase and amplitude modulated video, voice and data
27)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.22	14.75	1.2M._f		Phase modulated video, voice, and data
28)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.22	14.75	1.2M._f		Phase and amplitude modulated video, voice and data



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**B) Particulars of Operations**

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/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
29)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M._f		Phase modulated video, voice, and data
30)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.2M._f		Phase and amplitude modulated video, voice and data
31)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.02	14.55	1.2M._g		Phase modulated video, voice, and data
32)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.02	14.55	1.2M._g		Phase and amplitude modulated video, voice and data
33)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.2M._g		Phase and amplitude modulated video, voice and data
34)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.42	14.95	1.25M.		Phase modulated video, voice, and data
35)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.42	14.95	1.25M.		Phase and amplitude modulated video, voice and data
36)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.25M.		Phase modulated video, voice, and data
37)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.25M.		Phase and amplitude modulated video, voice and data
38)	14000.0000-14500.0000	H, V	112MG7W	Tx	62.82	18.35	1.8M._a		Phase modulated video, voice, and data
39)	14000.0000-14500.0000	H, V	112MD7W	Tx	62.82	18.35	1.8M._a		Phase and amplitude modulated video, voice and data
40)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.8M._a		Phase modulated video, voice, and data
41)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.8M._a		Phase and amplitude modulated video, voice and data
42)	14000.0000-14500.0000	H, V	112MG7W	Tx	62.52	18.05	1.8M._b		Phase modulated video, voice, and data
43)	14000.0000-14500.0000	H, V	112MD7W	Tx	62.52	18.05	1.8M._b		Phase and amplitude modulated video, voice and data



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**B) Particulars of Operations**

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/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
44)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.8M._b		Phase modulated video, voice, and data
45)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.8M._b		Phase and amplitude modulated video, voice and data
46)	14000.0000-14500.0000	H, V	112MD7W	Tx	62.72	18.25	1.8M._c		Phase and amplitude modulated video, voice and data
47)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.8M._c		Phase modulated video, voice, and data
48)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.8M._c		Phase and amplitude modulated video, voice and data
49)	14000.0000-14500.0000	H, V	112MG7W	Tx	62.82	18.35	1.8M._d		Phase modulated video, voice, and data
50)	14000.0000-14500.0000	H, V	112MD7W	Tx	62.82	18.35	1.8M._d		Phase and amplitude modulated video, voice and data
51)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.8M._d		Phase modulated video, voice, and data
52)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.8M._d		Phase and amplitude modulated video, voice and data
53)	14000.0000-14500.0000	H, V	112MG7W	Tx	63.02	18.55	1.8M._e		Phase modulated video, voice, and data
54)	14000.0000-14500.0000	H, V	112MD7W	Tx	63.02	18.55	1.8M._e		Phase and amplitude modulated video, voice and data
55)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.8M._e		Phase modulated video, voice, and data
56)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.8M._e		Phase and amplitude modulated video, voice and data
57)	14000.0000-14500.0000	H, V	112MG7W	Tx	69.20	24.73	2.4M._a		Phase modulated video, voice, and data
58)	14000.0000-14500.0000	H, V	112MD7W	Tx	69.20	24.73	2.4M._a		Phase and amplitude modulated video, voice and data



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**B) Particulars of Operations**

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/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
59)	11700.0000-12200.0000	H, V	112MG7W	Rx			2.4M._a		Phase modulated video, voice, and data
60)	11700.0000-12200.0000	H, V	112MD7W	Rx			2.4M._a		Phase and amplitude modulated video, voice and data
61)	14000.0000-14500.0000	H, V	112MG7W	Tx	68.90	24.43	2.4M._c		Phase modulated video, voice, and data
62)	14000.0000-14500.0000	H, V	112MD7W	Tx	68.90	24.43	2.4M._c		Phase and amplitude modulated video, voice and data
63)	11700.0000-12200.0000	H, V	112MG7W	Rx			2.4M._c		Phase modulated video, voice, and data
64)	11700.0000-12200.0000	H, V	112MD7W	Rx			2.4M._c		Phase and amplitude modulated video, voice and data
65)	14000.0000-14500.0000	H, V	112MG7W	Tx	74.06	29.59	3.6M.		Phase modulated video, voice, and data
66)	14000.0000-14500.0000	H, V	112MD7W	Tx	74.06	29.59	3.6M.		Phase and amplitude modulated video, voice and data
67)	11700.0000-12200.0000	H, V	112MG7W	Rx			3.6M.		Phase modulated video, voice, and data
68)	11700.0000-12200.0000	H, V	112MD7W	Rx			3.6M.		Phase and amplitude modulated video, voice and data
69)	14000.0000-14500.0000	H, V	45K0D7W-	Tx	37.71	27.20	0.96M.		Phase and amplitude modulated video, voice and data
70)	14000.0000-14500.0000	H, V	112MD7W	Tx	51.20	6.73	0.96M.		Phase and amplitude modulated video, voice and data
71)	14000.0000-14500.0000	H, V	45K0G7W-	Tx	37.71	27.20	0.96M.		Phase modulated video, voice, and data
72)	14000.0000-14500.0000	H, V	112MG7W	Tx	51.20	6.73	0.96M.		Phase modulated video, voice, and data
73)	11700.0000-12200.0000	H, V	45K0D7W-	Rx			0.96M.		Phase and amplitude modulated video, voice and data



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**B) Particulars of Operations**

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

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#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
74)	11700.0000-12200.0000	H, V	112MD7W	Rx			0.96M.		Phase and amplitude modulated video, voice and data
75)	11700.0000-12200.0000	H, V	45K0G7W-	Rx			0.96M.		Phase modulated video, voice, and data
76)	11700.0000-12200.0000	H, V	112MG7W	Rx			0.96M.		Phase modulated video, voice, and data
77)	14000.0000-14500.0000	H, V	45K0D7W-	Tx	39.61	29.10	1.2M_h		Phase and amplitude modulated video, voice and data
78)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.12	14.65	1.2M_h		Phase and amplitude modulated video, voice and data
79)	14000.0000-14500.0000	H, V	45K0G7W-	Tx	39.61	29.10	1.2M_h		Phase modulated video, voice, and data
80)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.12	14.65	1.2M_h		Phase modulated video, voice, and data
81)	11700.0000-12200.0000	H, V	45K0D7W-	Rx			1.2M_h		Phase and amplitude modulated video, voice and data
82)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.2M_h		Phase and amplitude modulated video, voice and data
83)	11700.0000-12200.0000	H, V	45K0G7W-	Rx			1.2M_h		Phase modulated video, voice, and data
84)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M_h		Phase modulated video, voice, and data
85)	14000.0000-14500.0000	H, V	45K0D7W-	Tx	38.81	28.30	1.2M_i		Phase and amplitude modulated video, voice and data
86)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.62	15.15	1.2M_i		Phase and amplitude modulated video, voice and data
87)	14000.0000-14500.0000	H, V	45K0G7W-	Tx	38.81	28.30	1.2M_i		Phase modulated video, voice, and data
88)	14000.0000-14500.0000	H, V	112MG7W	Tx	59.62	15.15	1.2M_i		Phase modulated video, voice, and data



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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/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
89)	11700.0000-12200.0000	H, V	45K0D7W-	Rx			1.2M_i		Phase and amplitude modulated video, voice and data
90)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.2M_i		Phase and amplitude modulated video, voice and data
91)	11700.0000-12200.0000	H, V	45K0G7W-	Rx			1.2M_i		Phase modulated video, voice, and data
92)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M_i		Phase modulated video, voice, and data
93)	14000.0000-14500.0000	H, V	45K0D7W-	Tx	43.21	32.70	1.8M_f		Phase and amplitude modulated video, voice and data
94)	14000.0000-14500.0000	H, V	112MD7W	Tx	62.72	18.25	1.8M_f		Phase and amplitude modulated video, voice and data
95)	14000.0000-14500.0000	H, V	45K0G7W-	Tx	43.21	32.70	1.8M_f		Phase modulated video, voice, and data
96)	14000.0000-14500.0000	H, V	112MG7W	Tx	62.72	18.25	1.8M_f		Phase modulated video, voice, and data
97)	11700.0000-12200.0000	H, V	45K0D7W-	Rx			1.8M_f		Phase and amplitude modulated video, voice and data
98)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.8M_f		Phase and amplitude modulated video, voice and data
99)	11700.0000-12200.0000	H, V	45K0G7W-	Rx			1.8M_f		Phase modulated video, voice, and data
100)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.8M_f		Phase modulated video, voice, and data
101)	14000.0000-14500.0000	H, V	45K0D7W-	Tx	49.51	39.00	3.8M_a		Phase and amplitude modulated video, voice and data
102)	14000.0000-14500.0000	H, V	112MD7W	Tx	74.76	30.29	3.8M_a		Phase and amplitude modulated video, voice and data
103)	14000.0000-14500.0000	H, V	45K0G7W-	Tx	49.51	39.00	3.8M_a		Phase modulated video, voice, and data



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**RADIO STATION AUTHORIZATION**

**Name:** GCI Communication Corp.

**Call Sign:** E120191

**Authorization Type:** Modification of License

**File Number:** SES-MOD-20190725-00956

Non Common Carrier

**Grant date:** 12/08/2020

**Expiration Date:** 04/29/2028

**B) Particulars of Operations**

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/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
104)	14000.0000-14500.0000	H, V	112MG7W	Tx	74.76	30.29	3.8M_a		Phase modulated video, voice, and data
105)	11700.0000-12200.0000	H, V	45K0D7W-	Rx			3.8M_a		Phase and amplitude modulated video, voice and data
106)	11700.0000-12200.0000	H, V	112MD7W	Rx			3.8M_a		Phase and amplitude modulated video, voice and data
107)	11700.0000-12200.0000	H, V	45K0G7W-	Rx			3.8M_a		Phase modulated video, voice, and data
108)	11700.0000-12200.0000	H, V	112MG7W	Rx			3.8M_a		Phase modulated video, voice, and data
109)	14000.0000-14500.0000	H, V	45K0D7W-	Tx	49.71	39.20	3.8M_b		Phase and amplitude modulated video, voice and data
110)	14000.0000-14500.0000	H, V	112MD7W	Tx	74.96	30.49	3.8M_b		Phase and amplitude modulated video, voice and data
111)	14000.0000-14500.0000	H, V	45K0G7W-	Tx	49.71	39.20	3.8M_b		Phase modulated video, voice, and data
112)	14000.0000-14500.0000	H, V	112MG7W	Tx	74.96	30.49	3.8M_b		Phase modulated video, voice, and data
113)	11700.0000-12200.0000	H, V	45K0D7W-	Rx			3.8M_b		Phase and amplitude modulated video, voice and data
114)	11700.0000-12200.0000	H, V	112MD7W	Rx			3.8M_b		Phase and amplitude modulated video, voice and data
115)	11700.0000-12200.0000	H, V	45K0G7W-	Rx			3.8M_b		Phase modulated video, voice, and data
116)	11700.0000-12200.0000	H, V	112MG7W	Rx			3.8M_b		Phase modulated video, voice, and data
117)	14000.0000-14500.0000	H, V	112MG7W	Tx	62.72	18.25	1.8M._c		Phase modulated video, voice, and data
118)	11700.0000-12200.0000	H, V	112MG7W	Rx			1.2M._g		Phase modulated video, voice, and data
119)	14000.0000-14500.0000	H, V	112MD7W	Tx	59.32	14.85	1.2M._c		Phase and amplitude modulated video, voice and data



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Non Common Carrier

Grant date: 12/08/2020

Expiration Date: 04/29/2028

**B) Particulars of Operations**

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/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
120)	11700.0000-12200.0000	H, V	112MD7W	Rx			1.2M._b		Phase and amplitude modulated video, voice and data

**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)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-6.47	0.95M.
2)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		0.95M.
3)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-7.77	1.0M.
4)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.0M.
5)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.2M._a
6)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.2M._a
7)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.2M._b
8)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.2M._b
9)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.2M._c
10)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.2M._c
11)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.2M._d
12)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.2M._d
13)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.2M._e
14)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.2M._e
15)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.2M._f
16)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.2M._f
17)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.2M._g
18)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.2M._g
19)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.25M.
20)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.25M.
21)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.8M._a
22)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.8M._a
23)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.8M._b
24)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.8M._b



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Non Common Carrier

Grant date: 12/08/2020

Expiration Date: 04/29/2028

**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		
25)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.8M._c
26)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.8M._c
27)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.8M._d
28)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.8M._d
29)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	1.8M._e
30)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		1.8M._e
31)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	2.4M._a
32)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		2.4M._a
33)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	2.4M._c
34)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		2.4M._c
35)	14000.0000-14500.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0	-2.47	3.6M.
36)	11700.0000-12200.0000	60.0W	-143.0W	05.0	-05.0	000.0	-000.0		3.6M.
37)	14000.0000-14500.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0	-2.47	0.96M.
38)	11700.0000-12200.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0		0.96M.
39)	14000.0000-14500.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0	-2.47	1.2M_h
40)	11700.0000-12200.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0		1.2M_h
41)	14000.0000-14500.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0	-3.77	1.2M_i
42)	11700.0000-12200.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0		1.2M_i
43)	14000.0000-14500.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0	-2.47	1.8M_f
44)	11700.0000-12200.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0		1.8M_f
45)	14000.0000-14500.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0	-2.47	3.8M_a
46)	11700.0000-12200.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0		3.8M_a
47)	14000.0000-14500.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0	-2.47	3.8M_b
48)	11700.0000-12200.0000	10.0W	-230.0W	05.0	-05.0	000.0	-000.0		3.8M_b

**D) Points of Communications**

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

- 1) REMOTE1 0.95m to Permitted Space Station List
- 2) REMOTE2 1.0m to Permitted Space Station List
- 3) REMOTE3 1.2mA to Permitted Space Station List
- 4) REMOTE4 1.2mB to Permitted Space Station List
- 5) REMOTE5 1.2mC to Permitted Space Station List
- 6) REMOTE6 1.2mD to Permitted Space Station List
- 7) REMOTE7 1.2mE to Permitted Space Station List



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**RADIO STATION AUTHORIZATION**

**Name:** GCI Communication Corp.

**Call Sign:** E120191

**Authorization Type:** Modification of License

**File Number:** SES-MOD-20190725-00956

Non Common Carrier

**Grant date:** 12/08/2020

**Expiration Date:** 04/29/2028

**D) Points of Communications**

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

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- 8) REMOTE8 1.2mF to Permitted Space Station List
- 9) REMOTE9 1.2mG to Permitted Space Station List
- 10) REMOTE10 1.25M. to Permitted Space Station List
- 11) REMOTE11 1.8M.\_a to Permitted Space Station List
- 12) REMOTE12 1.8M.\_b to Permitted Space Station List
- 13) REMOTE13 1.8M.\_c to Permitted Space Station List
- 14) REMOTE14 1.8M.\_d to Permitted Space Station List
- 15) REMOTE15 1.8M.\_e to Permitted Space Station List
- 16) REMOTE16 2.4M.\_a to Permitted Space Station List
- 17) REMOTE18 2.4M.\_c to Permitted Space Station List
- 18) REMOTE19 3.6M. to Permitted Space Station List
- 19) REMOTE20 0.96M. to Permitted Space Station List
- 20) REMOTE21 1.2M\_h to Permitted Space Station List
- 21) REMOTE22 1.2M\_i to Permitted Space Station List
- 22) REMOTE23 1.8M\_f to Permitted Space Station List
- 23) REMOTE24 3.8M\_a to Permitted Space Station List
- 24) REMOTE25 3.8M\_b to Permitted Space Station List

**F) Remote Control Point:**

---

REMOTE1 0.95m	2550 DENALI STREET, SUITE 1000, 0.95M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	<b>Call Sign:</b> N/A
REMOTE10 1.25M.	2550 DENALI STREET, SUITE 1000, 1.25M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	<b>Call Sign:</b> N/A
REMOTE11 1.8M._a	2550 DENALI STREET, SUITE 1000, 1.8M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	<b>Call Sign:</b> N/A



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**F) Remote Control Point:**

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REMOTE12 2550 DENALI STREET, SUITE 1000, 1.8M.(200UNITS) Call Sign: N/A  
1.8M.\_b

ANCHORAGE, ANCHORAGE, AL 99503  
907-868-5555

REMOTE13 2550 DENALI STREET, SUITE 1000, 1.8M.(25UNITS) Call Sign: N/A  
1.8M.\_c

ANCHORAGE, ANCHORAGE, AL 99503  
907-868-5555

REMOTE14 2550 DENALI STREET, SUITE 1000, 1.8M.(25UNITS) Call Sign: N/A  
1.8M.\_d

ANCHORAGE, ANCHORAGE, AL 99503  
907-868-5555

REMOTE15 2550 DENALI STREET, SUITE 1000, 1.8M.(25UNITS) Call Sign: N/A  
1.8M.\_e

ANCHORAGE, ANCHORAGE, AL 99503  
907-868-5555

REMOTE16 2550 DENALI STREET, SUITE 1000, 2.4M.(75UNITS) Call Sign: N/A  
2.4M.\_a

ANCHORAGE, ANCHORAGE, AL 99503  
907-868-5555

REMOTE18 2550 DENALI STREET, SUITE 1000, 2.4M.(50UNITS) Call Sign: N/A  
2.4M.\_c

ANCHORAGE, ANCHORAGE, AL 99503  
907-868-5555

REMOTE19 2550 DENALI STREET, SUITE 1000, 3.6M.(10UNITS) Call Sign: N/A  
3.6M.

ANCHORAGE, ANCHORAGE, AL 99503  
907-868-5555



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**F) Remote Control Point:**

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REMOT2 1.0m	2550 DENALI STREET, SUITE 1000, 1.0M.(5UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	Call Sign: N/A
REMOT20 0.96M.	6831 ARCTIC BLVD, 0.96M. (25UNITS)  ANCHORAGE, ANCHORAGE, AK 99518 800-770-8725	Call Sign: N/A
REMOT211.2	6831 ARCTIC BLVD, 1.2M_h (25UNITS)  ANCHORAGE, ANCHORAGE, AK 99518 800-770-8725	Call Sign: N/A
REMOT22 1.2M_i	6831 ARCTIC BLVD, 1.2M_i (25UNITS)  ANCHORAGE, ANCHORAGE, AK 99518 800-770-8725	Call Sign: N/A
REMOT23 1.8M_f	6831 ARCTIC BLVD, 1.8M_f (25UNITS)  ANCHORAGE, ANCHORAGE, AK 99518 800-770-8725	Call Sign: N/A
REMOT24 3.8M_a	6831 ARCTIC BLVD, 3.8M_a (10UNITS)  ANCHORAGE, ANCHORAGE, AK 99518 800-770-8725	Call Sign: N/A
REMOT25 3.8M_b	6831 ARCTIC BLVD, 3.8M_b (10UNITS)  ANCHORAGE, ANCHORAGE, AK 99518 800-770-8725	Call Sign: N/A



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**F) Remote Control Point:**

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REMOT E3 1.2mA	2550 DENALI STREET, SUITE 1000, 1.2M.(200UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	Call Sign: N/A
REMOT E4 1.2mB	2550 DENALI STREET, SUITE 1000, 1.2M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	Call Sign: N/A
REMOT E5 1.2mC	2550 DENALI STREET, SUITE 1000, 1.2M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	Call Sign: N/A
REMOT E6 1.2mD	2550 DENALI STREET, SUITE 1000, 1.2M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	Call Sign: N/A
REMOT E7 1.2mE	2550 DENALI STREET, SUITE 1000, 1.2M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	Call Sign: N/A
REMOT E8 1.2mF	2550 DENALI STREET, SUITE 1000, 1.2M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	Call Sign: N/A
REMOT E9 1.2mG	2550 DENALI STREET, SUITE 1000, 1.2M.(25UNITS)  ANCHORAGE, ANCHORAGE, AL 99503 907-868-5555	Call Sign: N/A

**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions



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**Expiration Date:** 04/29/2028

## H) Special and General Provisions

A) This RADIO 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 Bureau Filing System (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.
- 6 --- Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.
- 8 --- Licensee must notify the Commission when all earth stations operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.
- 90052 --- When the aircraft earth station network is put into operation, the licensee must file with the Commission a certification including the following information: name of the licensee, file number of the application, call sign of the antenna, date of the license and certification that the network was put into operation and will remain operational during the license period unless the license is submitted for cancellation.
- 90398 --- Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)
- 90399 --- The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) 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. Physical 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. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.



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Name: GCI Communication Corp.

Call Sign: E120191

Authorization Type: Modification of License

File Number: SES-MOD-20190725-00956

Non Common Carrier

Grant date: 12/08/2020

Expiration Date: 04/29/2028

## H) Special and General Provisions

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

900407 --- The Permitted Space Station List (Permitted List) is a list of all geostationary space stations providing fixed-satellite service pursuant to a Commission license or grant of U.S. market access. The Permitted List currently includes the following frequency bands per §25.103 and §25.115(k)(1):

- 3600-4200 MHz (space-to-Earth)
- 5850-6725 MHz (Earth-to-space)
- 10.95-11.2 GHz (space-to-Earth)
- 11.45-12.2 GHz (space-to-Earth)
- 13.75-14.5 GHz (Earth-to-space)
- 18.3-18.8 GHz (space-to-Earth)
- 19.7-20.2 GHz (space-to-Earth)
- 24.75-25.25 GHz (Earth-to-space)
- 28.35-28.6 GHz (Earth-to-space)
- 29.25-30.0 GHz (Earth-to-space).

Earth stations with "Permitted List" designated as a point of communication may access any space station on the Permitted List, provided the operations comply with the applicable "routine" uplink and downlink limits, are within the specific frequency bands authorized in the earth station license, have completed coordination with terrestrial stations pursuant to §25.203, and otherwise comply with all terms and conditions of both the earth station license and the space station grant.



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  

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**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.**