



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION**

RADIO STATION AUTHORIZATION

RigNet SatCom, Inc.

Call Sign: E060317

Authorization Type: Renewal of License

File Number: SES-RWL-20210930-01671

Non Common Carrier

Grant date: 10/20/2021

Expiration Date: 11/27/2036

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)	HUB 1	17625 TECHNOLOGY BLVD. (9.3M. HUB) E040414 HAGERSTOWN, WASHINGTON, MD 21740 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	39°35'56.6"N	77°45'27.5"W	169.5	83
2)	HUB 2	2875 FORK CREEK CHURCH RD ELLENWOOD, CLAYTON, GA 30294 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	33°39'59.0"N	84°16'19.0"W	237.7	27
3)	VSAT REMOTE 1	VARIOUS LOCATIONS (1.2M. VSAT) CONUS, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209			0	NA
4)	VSAT REMOTE 10	VARIOUS LOCATIONS (1.8M. VSAT) CONUS,				NA
5)	VSAT REMOTE 2	VARIOUS LOCATIONS (0.96M. VSAT) CONUS, 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.				NA
6)	VSAT REMOTE 3	VARIOUS LOCATIONS (0.98M. VSAT) CONUS, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				NA



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A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
7)	VSAT REMOTE 4	VARIOUS LOCATIONS (1.2M. VSAT) CONUS,				NA	
8)	VSAT REMOTE 5	VARIOUS LOCATIONS (1.2M. VSAT) CONUS,				NA	
9)	VSAT REMOTE 6	VARIOUS LOCATIONS (1.2M. VSAT) CONUS,				NA	
10)	VSAT REMOTE 7	VARIOUS LOCATIONS (2.4M. VSAT) CONUS,				NA	
11)	VSAT REMOTE 8	VARIOUS LOCATIONS (0.84M. VSAT) CONUS,				NA	
12)	VSAT REMOTE 9	VARIOUS LOCATIONS (1.2M. VSAT) CONUS,				NA	



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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 November 27, 2021 (3 AM Eastern Standard Time) and ending November 27, 2036 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is 00/00/0000. 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	36M0F3F	Tx	87.60	60.60	HUB1		STANDARD VIDEO WITH ASSOCIATED AUDIO SUB-CARRIERS
2)	14000.0000-14500.0000	H,V	43K0G7W	Tx	57.50	46.60	HUB1		DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES AND TYPES OF INFORMATION
3)	14000.0000-14500.0000	H,V	72M0G7W	Tx	89.20	46.60	HUB1		DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES AND TYPES OF INFORMATION
4)	11700.0000-12200.0000	H,V	36M0F3F	Rx			HUB1		STANDARD VIDEO WITH ASSOCIATED AUDIO SUB-CARRIERS
5)	11700.0000-12200.0000	H,V	43K0G7W	Rx			HUB1		DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES AND TYPES OF INFORMATION
6)	14000.0000-14500.0000	H,V	36M0G7W	Tx	78.30	38.76	HUB2		VSAT HUB IP VIDEO AND DATA
7)	11700.0000-12200.0000	H,V	10M3G1W	Rx			HUB2		VSAT HUB IP VIDEO AND DATA
8)	14000.0000-14500.0000	H,V	1M17G1W	Tx	47.10	23.40	R1		DIGITAL DATA. QPSK MODULATION. 2/3 FEC.
9)	11700.0000-12200.0000	H,V	2M12G1W	Rx	0.00	0.00	R1		DIGITAL DATA. QPSK MODULATION. 23/29 FEC.
10)	14000.0000-14500.0000	H,V	100KG7W	Tx	42.30	28.32	R10		DVB-S2, Digital Data
11)	14000.0000-14500.0000	H,V	12M9G7W	Tx	63.40	28.32	R10		DVB-S2, Digital Data
12)	11700.0000-12200.0000	H,V	21M8G7W	Rx			R10		DIGITAL DATA AND MODULATION.
13)	11700.0000-12200.0000	H,V	72M0G7W	Rx			R10		DIGITAL DATA AND MODULATION.



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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	
14)	14000.0000-14500.0000	H, V	1M20G1D	Tx	47.20	22.40	R2		DIGITAL MODULATION. DATA	AND
15)	14000.0000-14500.0000	H, V	2M20G1D	Tx	47.20	19.80	R2		DIGITAL MODULATION. DATA	AND
16)	11700.0000-12200.0000	H, V	2M12G1D	Rx			R2		DIGITAL MODULATION. DATA	AND
17)	14000.0000-14500.0000	H, V	128KG7W	Tx	39.10	24.03	R3		DVB-S2, Digital Data	
18)	14000.0000-14500.0000	H, V	2M81G7W	Tx	52.50	24.03	R3		DVB-S2, Digital Data	
19)	11700.0000-12200.0000	H, V	21M8G7W	Rx			R3		DIGITAL MODULATION. DATA	AND
20)	11700.0000-12200.0000	H, V	72M0G7W	Rx			R3		DIGITAL MODULATION. DATA	AND
21)	14000.0000-14500.0000	H, V	128KG7W	Tx	41.30	26.24	R4		DVB-S2, Digital Data	
22)	14000.0000-14500.0000	H, V	4M25G7W	Tx	56.50	26.24	R4		DVB-S2, Digital Data	
23)	11700.0000-12200.0000	H, V	21M8G7W	Rx			R4		DIGITAL MODULATION. DATA	AND
24)	11700.0000-12200.0000	H, V	72M0G7W	Rx			R4		DIGITAL MODULATION. DATA	AND
25)	14000.0000-14500.0000	H, V	128KG7W	Tx	41.30	26.27	R5		DVB-S2, Digital Data	
26)	14000.0000-14500.0000	H, V	4M12G7W	Tx	56.40	26.27	R5		DVB-S2, Digital Data	
27)	11700.0000-12200.0000	H, V	21M8G7W	Rx			R5		DIGITAL MODULATION. DATA	AND
28)	11700.0000-12200.0000	H, V	72M0G7W	Rx			R5		DIGITAL MODULATION. DATA	AND
29)	14000.0000-14500.0000	H, V	128KG7W	Tx	41.30	26.24	R6		DVB-S2, Digital Data	
30)	14000.0000-14500.0000	H, V	4M25G7W	Tx	56.50	26.24	R6		DVB-S2, Digital Data	
31)	11700.0000-12200.0000	H, V	21M8G7W	Rx			R6		DIGITAL MODULATION. DATA	AND
32)	11700.0000-12200.0000	H, V	72M0G7W	Rx			R6		DIGITAL MODULATION. DATA	AND
33)	14000.0000-14500.0000	H, V	100KG7W	Tx	42.30	28.31	R7		DVB-S2, Digital Data	



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B) Particulars of Operations

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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
34)	14000.0000-14500.0000	H,V	27M0G7W	Tx	66.60	28.31	R7		DVB-S2, Digital Data
35)	11700.0000-12200.0000	H,V	21M8G7W	Rx			R7		DIGITAL DATA AND MODULATION.
36)	11700.0000-12200.0000	H,V	72M0G7W	Rx			R7		DIGITAL DATA AND MODULATION.
37)	14000.0000-14500.0000	H,V	128KG7W	Tx	35.30	20.25	R8		DVB-S2, Digital Data
38)	14000.0000-14500.0000	H,V	3M95G7W	Tx	50.20	20.25	R8		DVB-S2, Digital Data
39)	11700.0000-12200.0000	H,V	21M8G7W	Rx			R8		DIGITAL DATA AND MODULATION.
40)	11700.0000-12200.0000	H,V	72M0G7W	Rx			R8		DIGITAL DATA AND MODULATION.
41)	14000.0000-14500.0000	H,V	128KG7W	Tx	41.30	26.24	R9		DVB-S2, Digital Data
42)	14000.0000-14500.0000	H,V	4M25G7W	Tx	56.50	26.24	R9		DVB-S2, Digital Data
43)	11700.0000-12200.0000	H,V	21M8G7W	Rx			R9		DIGITAL DATA AND MODULATION.
44)	11700.0000-12200.0000	H,V	72M0G7W	Rx			R9		DIGITAL DATA AND MODULATION.

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	40.6	-10.3	153.3	-253.6	13.3	HUB1
2)	11700.0000-12200.0000	60.0W	-143.0W	40.6	-10.3	153.3	-253.6		HUB1
3)	14000.0000-14500.0000	67.4W	-123.8W	32.3	-24.9	000.0	-000.0	-21.4	R1
4)	11700.0000-12200.0000	67.4W	-123.8W	32.3	-24.9	000.0	-000.0	0	R1
5)	14000.0000-14500.0000	67.4W	-123.8W	32.3	-24.9	000.0	-000.0	-4.8	R2
6)	11700.0000-12200.0000	67.4W	-123.8W	32.3	-24.9	000.0	-000.0		R2
7)	14000.0000-14500.0000	15.0W	-180.0W	05.0	-05.0	-360.0		-2.5	R5
8)	11700.0000-12200.0000	15.0W	-180.0W	05.0	-05.0	-360.0			R5
9)	14000.0000-14500.0000	15.0W	-180.0W	05.0	-05.0	000.0	-360.0	-2.74	R3



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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		
10)	11700.0000-12200.0000	15.0W	-180.0W	05.0	-05.0	-360.0			R3
11)	14000.0000-14500.0000	15.0W	-180.0W	05.0	-05.0	-360.0	-2.44		R4
12)	11700.0000-12200.0000	15.0W	-180.0W	05.0	-05.0	-360.0			R4
13)	14000.0000-14500.0000	15.0W	-180.0W	05.0	-05.0	-360.0	-2.24		R6
14)	11700.0000-12200.0000	15.0W	-180.0W	05.0	-05.0	-360.0			R6
15)	14000.0000-14500.0000	15.0W	-180.0W	05.0	-05.0	-360.0	-6.36		R7
16)	11700.0000-12200.0000	15.0W	-180.0W	05.0	-05.0	-360.0			R7
17)	14000.0000-14500.0000	15.0W	-180.0W	05.0	-05.0	-360.0	-5.52		R8
18)	11700.0000-12200.0000	15.0W	-180.0W	05.0	-05.0	-360.0			R8
19)	14000.0000-14500.0000	15.0W	-180.0W	05.0	-05.0	-360.0	-2.54		R9
20)	11700.0000-12200.0000	15.0W	-180.0W	05.0	-05.0	-360.0			R9
21)	14000.0000-14500.0000	15.0W	-180.0W	05.0	-05.0	-360.0	-3.95		R10
22)	11700.0000-12200.0000	15.0W	-180.0W	05.0	-05.0	-360.0			R10
23)	14000.0000-14500.0000	40.0W	-133.0W	29.0	-25.4	119.6	-244.1	-14	HUB2
24)	11700.0000-12200.0000	40.0W	-133.0W	29.0	-25.4	119.6	-244.1		HUB2

D) Points of Communications

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

- 1) HUB 1 to GALAXY 28 (S2160) @ 89 degrees W.L. (U.S.-licensed)
- 2) VSAT REMOTE 1 to GALAXY 28 (S2160) @ 89 degrees W.L. (U.S.-licensed)
- 3) VSAT REMOTE 2 to GALAXY 28 (S2160) @ 89 degrees W.L. (U.S.-licensed)
- 4) VSAT REMOTE 5 to Permitted Space Station List
- 5) VSAT REMOTE 3 to Permitted Space Station List
- 6) VSAT REMOTE 4 to Permitted Space Station List
- 7) VSAT REMOTE 6 to Permitted Space Station List
- 8) VSAT REMOTE 7 to Permitted Space Station List
- 9) VSAT REMOTE 8 to Permitted Space Station List
- 10) VSAT REMOTE 9 to Permitted Space Station List
- 11) VSAT REMOTE 10 to Permitted Space Station List
- 12) HUB 2 to HORIZONS 1 (S2475) @ 127 degrees W.L. (Japan-licensed)



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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)
HUB 1	HUB1	1	9.3	VERTEX	9.3 KPK	169.5	10 AGL/ 179.5 AMSL	
Max Gains(s):		59.1 dBi @	11.9500 GHz	60.6 dBi @	14.2500 GHz			
Maximum total input power at antenna flange (Watts) =						750.00		
Maximum aggregate output EIRP for all carriers (dBW) =						89.30		
HUB 2	HUB2		11	VERTEX	11KPK	237.7	12 AGL/ 249.7 AMSL	
Max Gains(s):		61.0 dBi @	11.9500 GHz	64.4 dBi @	14.2500 GHz			
Maximum total input power at antenna flange (Watts) =						795.00		
Maximum aggregate output EIRP for all carriers (dBW) =						91.40		
VSAT REMOTE	R1	1000	1.2	ANDREW CORP.	TYPE 121	0	2 AGL/ 0 AMSL	
Max Gains(s):		43.3 dBi @	14.2500 GHz	41.8 dBi @	12.0000 GHz			
Maximum total input power at antenna flange (Watts) =						3.80		
Maximum aggregate output EIRP for all carriers (dBW) =						47.10		
VSAT REMOTE 10	R10	150	1.8	WINEGARD	SPA1800		2 AGL	
Max Gains(s):		45.3 dBi @	12.0000 GHz	46.8 dBi @	14.3000 GHz			
Maximum total input power at antenna flange (Watts) =						48.20		
Maximum aggregate output EIRP for all carriers (dBW) =						63.40		
VSAT REMOTE	R2	250	0.96	ASC SIGNAL	TYPE960		2 AGL	
Max Gains(s):		41.2 dBi @	14.2500 GHz	39.7 dBi @	11.9500 GHz			
Maximum total input power at antenna flange (Watts) =						4.00		
Maximum aggregate output EIRP for all carriers (dBW) =						47.20		
VSAT REMOTE	R3	100	0.98	PRODELIN	1984		2 AGL/ 0 AMSL	
Max Gains(s):		39.8 dBi @	11.8500 GHz	41.3 dBi @	14.1250 GHz			
Maximum total input power at antenna flange (Watts) =						14.60		
Maximum aggregate output EIRP for all carriers (dBW) =						52.50		



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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)
VSAT REMOTE	R4	200	1.2	PRODELIN	1123		2 AGL	
		Max Gains(s):	41.7 dBi @	11.8500 GHz	43.2 dBi @	14.2500 GHz		
		Maximum total input power at antenna flange (Watts) =				21.70		
		Maximum aggregate output EIRP for all carriers (dBW) =				56.54		
VSAT REMOTE	R5	250	1.2	PRODELIN	1132		2 AGL	
		Max Gains(s):	41.4 dBi @	11.7250 GHz	43.3 dBi @	14.1250 GHz		
		Maximum total input power at antenna flange (Watts) =				20.80		
		Maximum aggregate output EIRP for all carriers (dBW) =				56.40		
VSAT REMOTE	R6	250	1.2	PRODELIN	1134		2 AGL	
		Max Gains(s):	41.5 dBi @	11.8500 GHz	43.0 dBi @	14.2500 GHz		
		Maximum total input power at antenna flange (Watts) =				22.70		
		Maximum aggregate output EIRP for all carriers (dBW) =				56.50		
VSAT REMOTE	R7	50	2.4	PRODELIN	1251		2 AGL	
		Max Gains(s):	47.6 dBi @	11.8500 GHz	49.2 dBi @	14.1250 GHz		
		Maximum total input power at antenna flange (Watts) =				56.00		
		Maximum aggregate output EIRP for all carriers (dBW) =				66.60		
VSAT REMOTE	R8	250	0.84	WINEGARD	SF840		2 AGL	
		Max Gains(s):	38.8 dBi @	12.0000 GHz	40.3 dBi @	14.3000 GHz		
		Maximum total input power at antenna flange (Watts) =				10.20		
		Maximum aggregate output EIRP for all carriers (dBW) =				50.20		
VSAT REMOTE	R9	250	1.2	SKYWARE	123		2 AGL	
		Max Gains(s):	41.8 dBi @	12.0000 GHz	43.3 dBi @	14.3000 GHz		
		Maximum total input power at antenna flange (Watts) =				21.30		
		Maximum aggregate output EIRP for all carriers (dBW) =				56.50		



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F) Remote Control Point:

HUB 1	17625 TECHNOLOGY BLVD., (9.3 METER HUB) HAGERSTOWN, WASHINGTON, MD 21740 240-420-3579	Call Sign: E040414
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VSAT REMOTE 10	2875 FORK CREEK CHURCH RD ELLENWOOD, CLAYTON, GA 30294 4043283000	Call Sign: E990092
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VSAT REMOTE 10	17625 TECHNOLOGY BLVD HAGERSTOWN, WASHINGTON, MD 21740 2404203579	Call Sign: E040414
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VSAT REMOTE 2	17625 TECHNOLOGY BLVD. HAGERSTOWN, WASHINGTON, MD 21740 240-420-3579	Call Sign: E040414
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VSAT REMOTE 3	2875 FORK CREEK CHURCH RD ELLENWOOD, CLAYTON, GA 30294 404-328-3000	Call Sign:
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VSAT REMOTE 4	2875 FORK CREEK CHURCH RD ELLENWOOD, CLAYTON, GA 30294 4043283000	Call Sign: E990092
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VSAT REMOTE 4	17625 TECHNOLOGY BLVD HAGERSTOWN, WASHINGTON, MD 21740 2404203579	Call Sign: E040414
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F) Remote Control Point:

VSAT 2875 FORK CREEK CHURCH RD **Call Sign:** E990092
 REMOTE 5
 ELLENWOOD, CLAYTON, GA 30294
 4043283000

VSAT 17625 TECHNOLOGY BLVD **Call Sign:** E040414
 REMOTE 5
 HAGERSTOWN, WASHINGTON, MD 21740
 2404203579

VSAT 2875 FORK CREEK CHURCH RD **Call Sign:** E990092
 REMOTE 6
 ELLENWOOD, CLAYTON, GA 30294
 4043283000

VSAT 17625 TECHNOLOGY BLVD **Call Sign:** E040414
 REMOTE 6
 HAGERSTOWN, WASHINGTON, MD 21740
 2404203579

VSAT 2875 FORK CREEK CHURCH RD **Call Sign:** E990092
 REMOTE 7
 ELLENWOOD, CLAYTON, GA 30294
 4043283000

VSAT 17265 TECHNOLOGY BLVD **Call Sign:** E040414
 REMOTE 7
 HAGERSTOWN, WASHINGTON, MD 21740
 2404203579

VSAT 2875 FORK CREEK CHURCH RD **Call Sign:** E990092
 REMOTE 8
 ELLENWOOD, CLAYTON, GA 30294
 4043283000



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VSAT	17625 TECHNOLOGY BLVD	Call Sign: E040414
REMOTE 8		
	HAGERSTOWN, WASHINGTON, MD 21740	
	2404203579	

VSAT	17625 TECHNOLOGY BLVD	Call Sign: E040414
REMOTE 9		
	HAGERSTOWN, WASHINGTON, MD 21740	
	2404203579	

VSAT	2875 FORK CREEK CCHURCH RD	Call Sign: E990092
REMOTE 9		
	ELLENWOOD, CLAYTON, GA 30294	
	4043283000	

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

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 under this authorization are no longer operational or when they have not been used to provide service during any continuous six-month period.

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)



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

RigNet SatCom, Inc.

Call Sign: E060317

Authorization Type: Renewal of License

File Number: SES-RWL-20210930-01671

Non Common Carrier

Grant date: 10/20/2021

Expiration Date: 11/27/2036

H) Special and General Provisions

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

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) 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.

90405 --- Operations with PERMITTED LIST satellite must comply with §25.212 levels and operations above these levels must coordinate with satellite operators prior to operations.

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.



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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.