



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION**

Name: RigNet SatCom, Inc.

Call Sign: E070104

Authorization Type: Modification of License

File Number: SES-MOD-20171206-01309

Non Common Carrier

Grant date: 04/02/2018

Expiration Date: 07/31/2022



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)	ESV REMOTE 3	500 2.4M remotes Various locations throughout the U.S.			0	83
2)	ESV REMOTE 4	500 1.5M remotes Various locations throughout the U.S.			0	83
3)	ESV REMOTE 5	500 1.2M remotes Various locations throughout the U.S.			0	83
4)	ESV REMOTE 6	500 1M remotes Various locations throughout the U.S.			0	83
5)	HUB-1	9.3M 22401 Juniper Flats Road Nuevo, Riverside, CA 92567	33°47'46.0"N	117°5'15.0"W	557.6	83
Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209						
6)	VSAT REMOTE 1	500 1.2M remotes Various locations throughout the U.S. Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209			0	83



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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 10	50 2.4M remotes				NA	
		Various locations throughout the U.S. Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
8)	VSAT REMOTE 11	250 0.84M remotes				NA	
		Various locations throughout the U.S. Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
9)	VSAT REMOTE 12	50 1.2M remotes				NA	
		Various locations throughout the U.S. Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
10)	VSAT REMOTE 2	500 1.8M remotes			0	83	
		Various locations throughout the U.S. Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
11)	VSAT REMOTE 7	200 1.2M remotes				NA	
		Various locations throughout the U.S. Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
12)	VSAT REMOTE 8	250 1.2M remotes				NA	
		Various locations throughout the U.S. Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
13)	VSAT REMOTE 9	250 1.2M remotes				NA	
		Various locations throughout the U.S. 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 July 31, 2007 (3 AM Eastern Standard Time) and ending July 31, 2022 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is April 2, 2019 (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	128KG1W	Tx	37.80	22.70	R1		Digital data. QPSK Modulation
2)	14000.0000-14500.0000	H,V	171KG1W	Tx	39.10	22.70	R1		Digital data. QPSK Modulation
3)	11700.0000-12200.0000	H,V	1M37G1W	Rx	0.00	0.00	R1		Digital data. QPSK Modulation
4)	11450.0000-11700.0000	H,V	1M37G1W	Rx	0.00	0.00	R1	176	Digital data. QPSK Modulation
5)	14000.0000-14500.0000	H,V	100KG7W	Tx	44.20	30.24	R10		DVB-S2, Digital data
6)	14000.0000-14500.0000	H,V	16M9G7W	Tx	66.50	30.24	R10		DVB-S2, Digital data
7)	11700.0000-12200.0000	H,V	36M3G7W	Rx			R10		Digital data. and Modulation.
8)	14000.0000-14500.0000	H,V	128KG7W	Tx	36.30	21.20	R11		DVB-S2, Digital data
9)	14000.0000-14500.0000	H,V	3M25G7W	Tx	50.30	21.20	R11		DVB-S2, Digital data
10)	11700.0000-12200.0000	H,V	36M3G7W	Rx			R11		Digital data. and Modulation.
11)	14000.0000-14500.0000	H,V	128KG7W	Tx	41.30	26.24	R12		DVB-S2, Digital data
12)	14000.0000-14500.0000	H,V	4M25G7W	Tx	56.50	26.24	R12		DVB-S2, Digital data
13)	11700.0000-12200.0000	H,V	36M3G7W	Rx			R12		Digital data. and Modulation.
14)	14000.0000-14500.0000	H,V	128KG1W	Tx	37.80	22.80	R2		Digital data. QPSK Modulation
15)	14000.0000-14500.0000	H,V	341KG1W	Tx	42.10	22.80	R2		Digital data. QPSK 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	
16)	11700.0000-12200.0000	H, V	1M37G1W	Rx	0.00	0.00	R2		Digital Modulation.	data. QPSK
17)	11450.0000-11700.0000	H, V	1M37G1W	Rx	0.00	0.00	R2	176	Digital Modulation.	data. QPSK
18)	14000.0000-14500.0000	H, V	128KG1W	Tx	37.80	22.80	R3		Digital Modulation	data. QPSK
19)	14000.0000-14500.0000	H, V	682KG1W	Tx	45.10	22.80	R3		Digital Modulation	data. QPSK
20)	11700.0000-12200.0000	H, V	1M37G1W	Rx	0.00	0.00	R3		Digital Modulation	data. QPSK
21)	11450.0000-11700.0000	H, V	1M37G1W	Rx	0.00	0.00	R3	176	Digital Modulation	data. QPSK
22)	14000.0000-14500.0000	H, V	171KG1W	Tx	39.10	22.80	R4		Digital Modulation	data. QPSK
23)	14000.0000-14500.0000	H, V	85K3G1W	Tx	36.10	22.80	R4		Digital Modulation	data. QPSK
24)	11700.0000-12200.0000	H, V	1M37G1W	Rx	0.00	0.00	R4		Digital Modulation.	data. QPSK
25)	11450.0000-11700.0000	H, V	1M37G1W	Rx	0.00	0.00	R4	176	Digital Modulation	data. QPSK
26)	14000.0000-14500.0000	H, V	128KG1W	Tx	37.80	22.70	R5		Digital Modulation	data. QPSK
27)	14000.0000-14500.0000	H, V	85K3G1W	Tx	36.10	22.70	R5		Digital Modulation	data. QPSK
28)	11700.0000-12200.0000	H, V	1M37G1W	Rx	0.00	0.00	R5		Digital Modulation	data. QPSK
29)	11450.0000-11700.0000	H, V	1M37G1W	Rx	0.00	0.00	R5	176	Digital Modulation	data. QPSK
30)	14000.0000-14500.0000	H, V	128KG1W	Tx	37.10	22.10	R6		Digital Modulation	data. QPSK
31)	11700.0000-12200.0000	H, V	1M37G1W	Rx	0.00	0.00	R6		Digital Modulation.	data. QPSK
32)	11450.0000-11700.0000	H, V	1M37G1W	Rx	0.00	0.00	R6	176	Digital Modulation	data. QPSK
33)	14000.0000-14500.0000	H, V	128KG7W	Tx	41.60	26.51	R7		DVB-S2, Digital	data
34)	14000.0000-14500.0000	H, V	3M90G7W	Tx	56.40	26.51	R7		DVB-S2, Digital	data



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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
35)	11700.0000-12200.0000	H, V	36M3G7W	Rx			R7		Digital data. and Modulation.
36)	14000.0000-14500.0000	H, V	128KG7W	Rx	41.60	26.51	R8		DVB-S2, Digital data
37)	14000.0000-14500.0000	H, V	3M90G7W	Tx	56.40	26.51	R8		DVB-S2, Digital data
38)	11700.0000-12200.0000	H, V	36M3G7W	Rx	0.00	0.00	R8		Digital data. and Modulation.
39)	14000.0000-14500.0000	H, V	128KG7W	Tx	41.60	26.51	R9		DVB-S2, Digital data
40)	14000.0000-14500.0000	H, V	3M90G7W	Tx	56.40	26.51	R9		DVB-S2, Digital data
41)	11700.0000-12200.0000	H, V	36M3G7W	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	23.0W	160.0W	10.0	10.0	000.0	000.0	-13.6	R1
2)	11700.0000-12200.0000	23.0W	160.0W	10.0	10.0	000.0	000.0	0	R1
3)	11450.0000-11700.0000	23.0W	160.0W	10.0	10.0	000.0	000.0	0	R1
4)	14000.0000-14500.0000	23.0W	160.0W	10.0	10.0	000.0	000.0	-17	R2
5)	11700.0000-12200.0000	23.0W	160.0W	10.0	10.0	000.0	000.0	0	R2
6)	11450.0000-11700.0000	23.0W	160.0W	10.0	10.0	000.0	000.0	0	R2
7)	11700.0000-12200.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	0	R5
8)	14000.0000-14500.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	-29.7	R5
9)	11450.0000-11700.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	0	R5
10)	11700.0000-12200.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	0	R6
11)	11450.0000-11700.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	0	R6
12)	14000.0000-14500.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	-27.9	R6
13)	11700.0000-12200.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	0	R3
14)	14000.0000-14500.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	-35.7	R3
15)	11450.0000-11700.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	0	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		
16)	14000.0000-14500.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	-30.7	R4
17)	11700.0000-12200.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	0	R4
18)	11450.0000-11700.0000	35.0W	150.0W	20.0	20.0	000.0	000.0	0	R4
19)	14000.0000-14500.0000	15.0W	180.0W	05.0	05.0	000.0	360.0	-2.16	R7
20)	11700.0000-12200.0000	15.0W	180.0W	05.0	05.0	000.0	360.0	0	R7
21)	14000.0000-14500.0000	15.0W	180.0W	05.0	05.0	000.0	360.0	-2.26	R8
22)	11700.0000-12200.0000	15.0W	180.0W	05.0	05.0	000.0	360.0	0	R8
23)	14000.0000-14500.0000	15.0W	180.0W	05.0	05.0	000.0	360.0	-1.96	R9
24)	11700.0000-12200.0000	15.0W	180.0W	05.0	05.0	000.0	360.0		R9
25)	14000.0000-14500.0000	15.0W	180.0W	05.0	05.0	000.0	360.0	-4.44	R10
26)	11700.0000-12200.0000	15.0W	180.0W	05.0	05.0	000.0	360.0		R10
27)	14000.0000-14500.0000	15.0W	180.0W	05.0	05.0	000.0	360.0	-4.57	R11
28)	11700.0000-12200.0000	15.0W	180.0W	05.0	05.0	000.0	360.0		R11
29)	14000.0000-14500.0000	15.0W	180.0W	05.0	05.0	000.0	360.0	-2.54	R12
30)	11700.0000-12200.0000	15.0W	180.0W	05.0	05.0	000.0	360.0		R12

D) Points of Communications

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

- 1) VSAT REMOTE 1 to Permitted Space Station List
- 2) VSAT REMOTE 1 to INTELSAT 707 @ 53 W.L. (U.S.-licensed)
- 3) VSAT REMOTE 2 to Permitted Space Station List
- 4) VSAT REMOTE 2 to INTELSAT 707 @ 53 W.L. (U.S.-licensed)
- 5) ESV REMOTE 5 to Permitted Space Station List
- 6) ESV REMOTE 5 to INTELSAT 707 @ 53 W.L. (U.S.-licensed)
- 7) ESV REMOTE 6 to Permitted Space Station List
- 8) ESV REMOTE 6 to INTELSAT 707 @ 53 W.L. (U.S.-licensed)
- 9) ESV REMOTE 3 to Permitted Space Station List
- 10) ESV REMOTE 3 to INTELSAT 707 @ 53 W.L. (U.S.-licensed)
- 11) ESV REMOTE 4 to Permitted Space Station List
- 12) ESV REMOTE 4 to INTELSAT 707 @ 53 W.L. (U.S.-licensed)
- 13) VSAT REMOTE 7 to Permitted Space Station List
- 14) VSAT REMOTE 8 to Permitted Space Station List
- 15) VSAT REMOTE 9 to Permitted Space Station List



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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:

- 16) VSAT REMOTE 10 to Permitted Space Station List
- 17) VSAT REMOTE 11 to Permitted Space Station List
- 18) VSAT REMOTE 12 to Permitted Space Station List

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	9.3M 9.3 Ku	1	9.3	Vertex	9.3 KPK	557.6	10.3 AGL/ 568.06 AMSL	
Max Gains(s):								
Maximum total input power at antenna flange (Watts) =					1,000.00			
Maximum aggregate output EIRP for all carriers (dBW) =					90.80			
VSAT REMOTE	R1	500	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) =					.38			
Maximum aggregate output EIRP for all carriers (dBW) =					39.10			
VSAT REMOTE 10	R10	50	2.4	Prodelin	1251			
Max Gains(s):								
			49.2 dBi @	14.1250 GHz	47.6 dBi @	11.8500 GHz		
Maximum total input power at antenna flange (Watts) =					56.00			
Maximum aggregate output EIRP for all carriers (dBW) =					66.50			
VSAT REMOTE 11	R11	250	0.84	Winegard	SF840			
Max Gains(s):								
			40.3 dBi @	14.3000 GHz	38.8 dBi @	12.0000 GHz		
Maximum total input power at antenna flange (Watts) =					10.20			
Maximum aggregate output EIRP for all carriers (dBW) =					50.30			
VSAT REMOTE 12	R12	50	1.2	SkyWare	123			
Max Gains(s):								
			43.3 dBi @	14.3000 GHz	41.8 dBi @	12.0000 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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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	R2	500	1.8	Andrew Corp.	Type 183	0	2.6 AGL/ 0 AMSL	
Max Gains(s):		46.8 dBi @	14.2500 GHz	45.3 dBi @	11.9500 GHz			
Maximum total input power at antenna flange (Watts) =					.34			
Maximum aggregate output EIRP for all carriers (dBW) =					42.10			
ESV REMOTE 3	R3	500	2.4	SeaTel, Inc.	9797	0	3.2 AGL/ 0 AMSL	
Max Gains(s):		48.5 dBi @	14.2500 GHz	47.8 dBi @	12.2000 GHz			
Maximum total input power at antenna flange (Watts) =					.46			
Maximum aggregate output EIRP for all carriers (dBW) =					45.10			
ESV REMOTE 4	R4	500	1.5	SeaTel, Inc.	6006	0	2.3 AGL/ 0 AMSL	
Max Gains(s):		43.5 dBi @	14.2500 GHz	42.5 dBi @	11.9500 GHz			
Maximum total input power at antenna flange (Watts) =					.36			
Maximum aggregate output EIRP for all carriers (dBW) =					39.10			
ESV REMOTE 5	R5	500	1.2	SeaTel, Inc.	4996-T	0	2 AGL/ 0 AMSL	
Max Gains(s):		42.5 dBi @	14.2500 GHz	41.6 dBi @	11.7000 GHz			
Maximum total input power at antenna flange (Watts) =					.34			
Maximum aggregate output EIRP for all carriers (dBW) =					37.80			
ESV REMOTE 6	R6	500	1	SeaTel, Inc.	4003	0	1.8 AGL/ 0 AMSL	
Max Gains(s):		40.0 dBi @	14.0000 GHz	39.0 dBi @	12.2000 GHz			
Maximum total input power at antenna flange (Watts) =					.51			
Maximum aggregate output EIRP for all carriers (dBW) =					37.10			
VSAT REMOTE	R7	200	1.2	Prodelin	1123			
Max Gains(s):		43.2 dBi @	14.2500 GHz	41.7 dBi @	11.8500 GHz			
Maximum total input power at antenna flange (Watts) =					21.60			
Maximum aggregate output EIRP for all carriers (dBW) =					56.40			



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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	R8	250	1.2	Prodelin	1132			
Max Gains(s):		43.3 dBi @	14.1250 GHz	41.4 dBi @	11.7250 GHz			
Maximum total input power at antenna flange (Watts) =				20.80				
Maximum aggregate output EIRP for all carriers (dBW) =				56.40				
VSAT REMOTE	R9	250	1.2	Prodelin	1134			
Max Gains(s):		43.0 dBi @	14.2500 GHz	41.5 dBi @	11.8500 GHz			
Maximum total input power at antenna flange (Watts) =				22.70				
Maximum aggregate output EIRP for all carriers (dBW) =				56.40				

F) Remote Control Point:

ESV REMOTE 1880 S. Dairy Ashford, Suite 300
3
Houston, Harris, TX 77077
281-647-0130

Call Sign: RIGNET
NOC

ESV REMOTE 1880 S. Dairy Ashford, Suite 300
4
Houston, Harris, TX 77077
281-647-0130

Call Sign: RIGNET
NOC

ESV REMOTE 1880 S. Dairy Ashford, Suite 300
5
Houston, Harris, TX 77077
281-647-0130

Call Sign: RIGNET
NOC

ESV REMOTE 1880 S. Dairy Ashford, Suite 300
6
Houston, Harris, TX 77077
281-647-0130

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F) Remote Control Point:

HUB-1 9.3M 22401 Juniper Flats Road Call Sign: E020191
Nuevo, Riverside, CA 92567
909-929-3507

HUB-1 9.3M 22401 Juniper Flats Road Call Sign: E020191
Nuevo, Riverside, CA 92567
909-929-3507

HUB-1 9.3M 22401 Juniper Flats Road Call Sign: E020191
Nuevo, Riverside, CA 92567
909-929-3507

HUB-1 9.3M 22401 Juniper Flats Road Call Sign: E020191
Nuevo, Riverside, CA 92567
909-929-3507

HUB-1 9.3M 22401 Juniper Flats Road Call Sign: E020191
Nuevo, Riverside, CA 92567
909-929-3507

HUB-1 9.3M 22401 Juniper Flats Road Call Sign: E020191
Nuevo, Riverside, CA 92567
909-929-3507

VSAT 1880 S. Dairy Ashford, Suite 300 Call Sign: RIGNET
REMOTE 1 NOC
Houston, Harris, TX 77077
281-647-0130

VSAT 1880 S. Dairy Ashford, Suite 300 Call Sign: RIGNET
REMOTE 10 NOC
Houston, Harris, TX 77077
281-647-0130



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: RigNet SatCom, Inc.

Call Sign: E070104

Authorization Type: Modification of License

File Number: SES-MOD-20171206-01309

Non Common Carrier

Grant date: 04/02/2018

Expiration Date: 07/31/2022

F) Remote Control Point:

VSAT REMOTE 11	1880 S. Dairy Ashford, Suite 300 Houston, Harris, TX 77077 281-647-0130	Call Sign: RIGNET NOC
VSAT REMOTE 12	1880 S. Dairy Ashford, Suite 300 Houston, Harris, TX 77077 281-647-0130	Call Sign: RIGNET NOC
VSAT REMOTE 2	1880 S. Dairy Ashford, Suite 300 Houston, Harris, TX 77077 281-647-0130	Call Sign: RIGNET NOC
VSAT REMOTE 7	1880 S. Dairy Ashford, Suite 300 Houston, Harris, TX 77077 281-647-0130	Call Sign: RIGNET NOC
VSAT REMOTE 8	1880 S. Dairy Ashford, Suite 300 Houston, Harris, TX 77077 281-647-0130	Call Sign: RIGNET NOC
VSAT REMOTE 9	1880 S. Dairy Ashford, Suite 300 Houston, Harris, TX 77077 281-647-0130	Call Sign: RIGNET NOC

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 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 (IBFS) in the "Other Filings" tab within 10 days of the change.
- 5 --- Licensee must notify the Commission when this earth station is no longer operational or when it has not been used to provide any service during any 6-month operation.
- 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.
- 102 --- 24 Hour Contact: Applicant has provided the name and telephone number of a contact person in the United States, available seven days a week, twenty-four hours a day, for cessation of emissions from suspected source of interference in the event of need to resolve interference issues, on direction from authority with jurisdiction for licensing in the area of operation.
- 105 --- Subject to Rule Making: This license is subject to the outcome of any future rule making concerning ESV operations. Grant of this authorization shall not prejudice the outcome of any rulemaking.
- 176 --- In the 10.7-11.7 GHz band, all operations are on an unprotected basis. The licensee shall not claim protection from, and is required to accept interference from, other lawfully operating satellites or radiocommunication systems.

- 249 --- This license is granted authority to provide services for both Earth Stations on-board Vessels (ESV) and VSAT Network.

- 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) 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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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 is not ready for operation by the required date of completion of construction unless an application for modification of authorization to request additional time to complete construction is filed by that date, together with a showing that failure to complete construction 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.