



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION**

RADIO STATION AUTHORIZATION

Name: ITC Global

Call Sign: E070239

Authorization Type: Modification of License

File Number: SES-MOD-20190711-00903

Non Common Carrier

Grant date: 11/23/2020

Expiration Date: 01/08/2023

Nature of Service: Earth Stations on-board Vessels

Nature of Service: Fixed Satellite Service

Class of Station: Earth Stations on-board Vessels/VSAT

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
1)	A-ESV-Remotes	Oceans VARIOUS,			0	NA
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
2)	AZU-08 REMOTES	Oceans 1000 UNITS (0.85M.terminals) VARIOUS,			0	NA
		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.				
3)	ESV-Remotes	Oceans GM, AOR, POR, US Waterways, Caribbean Se Various,			10	83
4)	Remotes	Operate up to 60 (1.15m terminals) Gulf of Mexico, Bay of Campeche, Carribean, POR, Jefferson, LA			10	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.				

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 January 8, 2008 (3 AM Eastern Standard Time) and ending January 8, 2023 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is November 23, 2021 (3 AM Eastern Standard Time) . Grantee must file with the Commission a certification upon completion of construction and commencement of operation.



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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
1)	14000.0000-14500.0000	H,V	1M42G7W	Tx	46.50	20.99	AZU08		DIGITAL
2)	14000.0000-14500.0000	H,V	970KG7W	Tx	44.80	20.95	AZU08		DIGITAL
3)	11700.0000-12200.0000	H,V	1M96G7W	Rx			AZU08		DIGITAL
4)	11700.0000-12200.0000	H,V	31M2G7W	Rx			AZU08		DIGITAL
5)	11450.0000-11700.0000	H,V	1M96G7W	Rx			AZU08		Digital
6)	11450.0000-11700.0000	H,V	31M2G7W	Rx			AZU08		Digital
7)	10950.0000-11200.0000	H,V	1M96G7W	Rx			AZU08		Digital
8)	10950.0000-11200.0000	H,V	31M2G7W	Rx			AZU08		Digital
9)	14000.0000-14500.0000	H,V	1M17G7W	Tx	47.10	23.40	Andrew		Digital
10)	14000.0000-14500.0000	H,V	2M00G7W	Tx	47.50	20.52	Andrew		Digital
11)	11700.0000-12200.0000	H,V	1M50G7W	Rx			Andrew		Digital
12)	11700.0000-12200.0000	H,V	2M12G7W	Rx			Andrew		Digital
13)	11450.0000-11700.0000	H,V	1M50G7W	Rx			Andrew		Digital
14)	11450.0000-11700.0000	H,V	2M12G7W	Rx			Andrew		Digital
15)	10950.0000-11200.0000	H,V	1M50G7W	Rx			Andrew		Digital
16)	10950.0000-11200.0000	H,V	2M12G7W	Rx			Andrew		Digital
17)	14000.0000-14500.0000	H,V	5M62G7W	Tx	51.50	20.00	GD1134		Digital
18)	11700.0000-12200.0000	H,V	36M0G7W	Rx			GD1134		Digital
19)	11450.0000-11700.0000	H,V	36M0G7W	Rx			GD1134		Digital
20)	10950.0000-11200.0000	H,V	36M0G7W	Rx			GD1134		Digital
21)	14000.0000-14500.0000	H,V	44K8G7W	Tx	37.10	26.60	IV100		Digital
22)	14000.0000-14500.0000	H,V	5M00G7W	Tx	52.60	21.63	IV100		Digital
23)	11700.0000-12200.0000	H,V	44K8G7W	Rx			IV100		Digital
24)	11700.0000-12200.0000	H,V	54M0G7W	Rx			IV100		Digital



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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
25)	11450.0000-11700.0000	H, V	44K8G7W	Rx			IV100		Digital
26)	11450.0000-11700.0000	H, V	54M0G7W	Rx			IV100		Digital
27)	10950.0000-11200.0000	H, V	54M0G7W	Rx			IV100		Digital
28)	10950.0000-11200.0000	H, V	44K8G7W	Rx	0.00		IV100		Digital
29)	14000.0000-14500.0000	H, V	1M55G7W	Tx	49.80	23.90	IV110		Digital
30)	14000.0000-14500.0000	H, V	64K0G7W	Tx	36.00	25.50	IV110		Digital
31)	11700.0000-12200.0000	H, V	44K8G7W	Rx			IV110		Digital
32)	11700.0000-12200.0000	H, V	54M0G7W	Rx			IV110		Digital
33)	11450.0000-11700.0000	H, V	44K8G7W	Rx			IV110		Digital
34)	11450.0000-11700.0000	H, V	54M0G7W	Rx			IV110		Digital
35)	10950.0000-12200.0000	H, V	44K8G7W	Rx			IV110		Digital
36)	10950.0000-11200.0000	H, V	54M0G7W	Rx			IV110		Digital
37)	14000.0000-14500.0000	H, V	44K8G7W	Tx	39.70	29.20	IV130		Digital
38)	14000.0000-14500.0000	H, V	8M00G7W	Tx	54.40	21.40	IV130		Digital
39)	11700.0000-12200.0000	H, V	44K8G7W	Rx			IV130		Digital
40)	11700.0000-12200.0000	H, V	54M0G7W	Rx			IV130		Digital
41)	11450.0000-11700.0000	H, V	44K8G7W	Rx			IV130		Digital
42)	11450.0000-11700.0000	H, V	54M0G7W	Rx			IV130		Digital
43)	10950.0000-11200.0000	H, V	44K8G7W	Rx			IV130		Digital
44)	10950.0000-11200.0000	H, V	54M0G7W	Rx			IV130		Digital
45)	14000.0000-14500.0000	H, V	1M50G7W	Tx	44.78	19.30	IV80		Digital
46)	14000.0000-14500.0000	H, V	284KG7W	Tx	37.80	19.28	IV80		Digital
47)	11700.0000-12200.0000	H, V	1M50G7W	Rx			IV80		Digital
48)	11700.0000-12200.0000	H, V	2M30G7W	Rx			IV80		Digital



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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
49)	11450.0000-11700.0000	H, V	1M50G7W	Rx			IV80		Digital
50)	11450.0000-11700.0000	H, V	2M30G7W	Rx			IV80		Digital
51)	10950.0000-11200.0000	H, V	1M50G7W	Rx			IV80		Digital
52)	10950.0000-11200.0000	H, V	2M30G7W	Rx			IV80		Digital
53)	14000.0000-14500.0000	H, V	171KG7W	Tx	40.68	24.38	Orbit7103		Digital
54)	14000.0000-14500.0000	H, V	341KG7W	Tx	43.69	24.38	Orbit7103		Digital
55)	14000.0000-14500.0000	H, V	43K0G7W	Tx	34.66	24.38	Orbit7103		Digital
56)	14000.0000-14500.0000	H, V	512KG7W	Tx	45.45	24.38	Orbit7103		Digital
57)	14000.0000-14500.0000	H, V	85K0G7W	Tx	37.67	24.38	Orbit7103		Digital
58)	11700.0000-12200.0000	H, V	192KG7W	Rx			Orbit7103		Digital
59)	11700.0000-12200.0000	H, V	1K47G7W	Rx			Orbit7103		Digital
60)	11700.0000-12200.0000	H, V	1M36G7W	Rx			Orbit7103		Digital
61)	11700.0000-12200.0000	H, V	1M67G7W	Rx			Orbit7103		Digital
62)	11700.0000-12200.0000	H, V	2M05G7W	Rx			Orbit7103		Digital
63)	11700.0000-12200.0000	H, V	2M16G7W	Rx			Orbit7103		Digital
64)	11700.0000-12200.0000	H, V	930KG7W	Rx			Orbit7103		Digital
65)	11450.0000-11700.0000	H, V	1K47G7W	Rx			Orbit7103		Digital
66)	11450.0000-11700.0000	H, V	2M16G7W	Rx			Orbit7103		Digital
67)	10950.0000-11200.0000	H, V	1K47G7W	Rx			Orbit7103		Digital
68)	10950.0000-11200.0000	H, V	2M16G7W	Rx			Orbit7103		Digital
69)	14000.0000-14500.0000	H, V	128KG7W	Tx	41.30	26.27	Prod1132		Digital
70)	14000.0000-14500.0000	H, V	4M12G7W	Tx	56.40	26.27	Prod1132		Digital
71)	11700.0000-12200.0000	H, V	21M8G7W	Rx			Prod1132		Digital
72)	11700.0000-12200.0000	H, V	72M0G7W	Rx			Prod1132		Digital



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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
73)	11450.0000-11700.0000	H, V	21M8G7W	Rx			Prod1132		Digital
74)	11450.0000-11700.0000	H, V	72M0G7W	Rx			Prod1132		Digital
75)	10950.0000-11200.0000	H, V	21M8G7W	Rx			Prod1132		Digital
76)	10950.0000-11200.0000	H, V	72M0G7W	Rx			Prod1132		Digital
77)	14000.0000-14500.0000	H, V	160KG7W	Tx	44.20	30.20	Prod1194		Digital
78)	14000.0000-14500.0000	H, V	4M90G7W	Tx	52.80	21.90	Prod1194		Digital
79)	11700.0000-12200.0000	H, V	160KG7W	Rx			Prod1194		Digital
80)	11700.0000-12200.0000	H, V	54M0G7W	Rx			Prod1194		Digital
81)	11450.0000-11700.0000	H, V	160KG7W	Rx			Prod1194		Digital
82)	11450.0000-11700.0000	H, V	54M0G7W	Rx			Prod1194		Digital
83)	10950.0000-11200.0000	H, V	160KG7W	Rx			Prod1194		Digital
84)	10950.0000-11200.0000	H, V	54M0G7W	Rx			Prod1194		Digital
85)	14000.0000-14500.0000	H, V	1M33G7W	Tx	46.22	-20.90	RemoteD		Digital Voice and Data
86)	11700.0000-12200.0000	H, V	1M28G7W	Rx			RemoteD		Digital
87)	11700.0000-12200.0000	H, V	964KG7W	Rx			RemoteD		Digital
88)	11450.0000-11700.0000	H, V	1M28G7W	Rx			RemoteD		Digital
89)	11450.0000-11700.0000	H, V	964KG7W	Rx			RemoteD		Digital
90)	10950.0000-11200.0000	H, V	1M28G7W	Rx			RemoteD		Digital
91)	10950.0000-11200.0000	H, V	964KG7W	Rx			RemoteD		Digital
92)	14000.0000-14500.0000	H, V	614KG7W	Tx	44.33	-18.07	RemoteE		Digital Voice and Data
93)	11700.0000-12200.0000	H, V	1M28G7W	Rx			RemoteE		Digital Voice and Data
94)	11700.0000-12200.0000	H, V	964KG7W	Rx			RemoteE		Digital Voice and Data
95)	11450.0000-11700.0000	H, V	1M28G7W	Rx			RemoteE		Digital
96)	11450.0000-11700.0000	H, V	964KG7W	Rx			RemoteE		Digital



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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
97)	10950.0000-11200.0000	H,V	1M28G7W	Rx			RemoteE		Digital
98)	10950.0000-11200.0000	H,V	964KG7W	Rx			RemoteE		Digital
99)	14000.0000-14500.0000	H,V	410KG7W	Tx	44.33	-17.68	RemoteF		Digital Voice and Data
100)	11700.0000-12200.0000	H,V	1M11G7W	Rx			RemoteF		Digital Voice and Data
101)	11450.0000-11700.0000	H,V	1M11G7W	Rx			RemoteF		Digital
102)	10950.0000-11200.0000	H,V	1M11G7W	Rx			RemoteF		Digital
103)	14000.0000-14500.0000	H,V	44K8G7W	Tx	31.30	20.80	Sailor800		Digital
104)	14000.0000-14500.0000	H,V	5M00G7W	Tx	47.40	16.40	Sailor800		Digital
105)	11700.0000-12200.0000	H,V	44K8G7W	Rx			Sailor800		Digital
106)	11700.0000-12200.0000	H,V	54M0G7W	Rx			Sailor800		Digital
107)	11450.0000-11700.0000	H,V	44K8G7W	Rx			Sailor800		Digital
108)	11450.0000-11700.0000	H,V	54M0G7W	Rx			Sailor800		Digital
109)	10950.0000-11200.0000	H,V	44K8G7W	Rx			Sailor800		Digital
110)	10950.0000-11200.0000	H,V	54M0G7W	Rx			Sailor800		Digital
111)	14000.0000-14500.0000	H,V	43K0G7W	Tx	36.10	25.80	Sailor900		Digital
112)	14000.0000-14500.0000	H,V	688KG7W	Tx	48.20	25.80	Sailor900		Digital
113)	11700.0000-12200.0000	H,V	43K0G7W	Rx			Sailor900		Digital
114)	11700.0000-12200.0000	H,V	688KG7W	Rx			Sailor900		Digital
115)	11450.0000-11700.0000	H,V	43K0G7W	Rx			Sailor900		Digital
116)	11450.0000-11700.0000	H,V	688KG7W	Rx			Sailor900		Digital
117)	10950.0000-11200.0000	H,V	43K0G7W	Rx			Sailor900		Digital
118)	10950.0000-11200.0000	H,V	688KG7W	Rx			Sailor900		Digital
119)	14000.0000-14500.0000	H,V	4M00G7W	Tx	42.40	12.40	Spacetrck		Digital
120)	11700.0000-12200.0000	H,V	4M00G7W	Rx			Spacetrck		Digital



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121)	11450.0000-11700.0000	H, V	4M00G7W	Rx			Spacetrck		Digital
122)	10950.0000-11200.0000	H, V	4M00G7W	Rx			Spacetrck		Digital
123)	14000.0000-14500.0000	H, V	171KG7W	Tx	39.53	23.23	Stel4006		Digital
124)	14000.0000-14500.0000	H, V	192KG7W	Tx	40.04	23.23	Stel4006		Digital
125)	14000.0000-14500.0000	H, V	341KG7W	Tx	42.54	23.23	Stel4006		Digital
126)	14000.0000-14500.0000	H, V	43K0G7W	Tx	35.51	25.20	Stel4006		Digital
127)	14000.0000-14500.0000	H, V	512KG7W	Tx	44.30	23.23	Stel4006		Digital
128)	14000.0000-14500.0000	H, V	85K0G7W	Tx	36.52	23.23	Stel4006		Digital
129)	11700.0000-12299.0000	H, V	1M36G7W	Rx			Stel4006		Digital
130)	11700.0000-12200.0000	H, V	1M47G7W	Rx			Stel4006		Digital
131)	11700.0000-12200.0000	H, V	1M67G7W	Rx			Stel4006		Digital
132)	11700.0000-12200.0000	H, V	2M05G7W	Rx			Stel4006		Digital
133)	11700.0000-12200.0000	H, V	2M16G7W	Rx			Stel4006		Digital
134)	11700.0000-12200.0000	H, V	930KG7W	Rx			Stel4006		Digital
135)	11450.0000-11700.0000	H, V	2M16G7W	Rx			Stel4006		Digital
136)	11450.0000-11700.0000	H, V	930KG7W	Rx			Stel4006		Digital
137)	10950.0000-11200.0000	H, V	2M16G7W	Rx			Stel4006		Digital
138)	10950.0000-11200.0000	H, V	930KG7W	Rx			Stel4006		Digital
139)	14000.0000-14500.0000	H, V	1M60G7W	Tx	50.30	24.30	Stel4009		Digital
140)	14000.0000-14500.0000	H, V	400KG7W	Tx	50.30	27.80	Stel4009		Digital
141)	11700.0000-12200.0000	H, V	1M76G7W	Rx			Stel4009		Digital
142)	11700.0000-12200.0000	H, V	5M77G7W	Rx			Stel4009		Digital
143)	11450.0000-11700.0000	H, V	1M76G7W	Rx			Stel4009		Digital
144)	11450.0000-11700.0000	H, V	5M77G7W	Rx			Stel4009		Digital



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145)	10950.0000-11200.0000	H,V	1M76G7W	Rx			Stel4009		Digital
146)	10950.0000-11200.0000	H,V	5M77G7W	Rx			Stel4009		Digital
147)	14000.0000-14500.0000	H,V	943KG7W	Tx	50.30	26.60	Stel4012		Digital
148)	11700.0000-12200.0000	H,V	943KG7W	Rx			Stel4012		Digital
149)	11450.0000-11700.0000	H,V	943KG7W	Rx			Stel4012		Digital
150)	10950.0000-11200.0000	H,V	943KG7W	Rx			Stel4012		Digital
151)	14000.0000-14500.0000	H,V	10M0G7W	Tx	64.40	30.40	Stel6006		Digital
152)	14000.0000-14500.0000	H,V	44K8G7W	Tx	41.60	31.10	Stel6006		Digital
153)	11700.0000-12200.0000	H,V	44K8G7W	Rx			Stel6006		Digital
154)	11700.0000-12200.0000	H,V	54M0G7W	Rx			Stel6006		Digital
155)	11450.0000-11200.0000	H,V	44K8G7W	Rx			Stel6006		Digital
156)	11450.0000-11200.0000	H,V	54M0G7W	Rx			Stel6006		Digital
157)	10950.0000-11200.0000	H,V	44K8G7W	Rx			Stel6006		Digital
158)	10950.0000-11200.0000	H,V	54M0G7W	Rx			Stel6006		Digital
159)	14000.0000-14500.0000	H,V	10M0G7W	Tx	41.60	31.10	Stel6009		Digital
160)	14000.0000-14500.0000	H,V	44K8G7W	Tx	41.60	31.10	Stel6009		Digital
161)	11700.0000-12200.0000	H,V	44K8G7W	Rx			Stel6009		Digital
162)	11700.0000-12200.0000	H,V	54M0G7W	Rx			Stel6009		Digital
163)	11450.0000-11700.0000	H,V	44K8G7W	Rx			Stel6009		Digital
164)	11450.0000-11700.0000	H,V	54M0G7W	Rx			Stel6009		Digital
165)	10950.0000-11200.0000	H,V	44K8G7W	Rx			Stel6009		Digital
166)	10950.0000-11200.0000	H,V	54M0G7W	Rx			Stel6009		Digital
167)	14000.0000-14500.0000	H,V	15M0G7W	Tx	60.95	25.21	Stel9711		Digital
168)	14000.0000-14500.0000	H,V	44K8G7W	Tx	49.50	39.00	Stel9711		Digital



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Non Common Carrier

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Expiration Date: 01/08/2023

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
169)	11700.0000-12200.0000	H,V	44K8G7W	Rx			Stel9711		Digital
170)	11700.0000-12200.0000	H,V	54M0G7W	Rx			Stel9711		Digital
171)	11450.0000-11700.0000	H,V	44K8G7W	Rx			Stel9711		Digital
172)	11450.0000-11700.0000	H,V	54M0G7W	Rx			Stel9711		Digital
173)	10950.0000-11200.0000	H,V	44K8G7W	Rx			Stel9711		Digital
174)	10950.0000-11200.0000	H,V	54M0G7W	Rx			Stel9711		Digital
175)	5925.0000-6425.0000	H,V	128KG7W	Tx	35.76	20.71	Stel9797		Digital
176)	5925.0000-6425.0000	H,V	171KG7W	Tx	37.01	20.71	Stel9797		Digital
177)	5925.0000-6425.0000	H,V	1M03G7W	Tx	44.81	20.71	Stel9797		Digital
178)	5925.0000-6425.0000	H,V	256KG7W	Tx	38.77	20.71	Stel9797		Digital
179)	5925.0000-6425.0000	H,V	341KG7W	Tx	40.02	20.71	Stel9797		Digital
180)	5925.0000-6425.0000	H,V	427KG7W	Tx	40.99	20.71	Stel9797		Digital
181)	5925.0000-6425.0000	H,V	512KG7W	Tx	41.78	20.71	Stel9797		Digital
182)	5925.0000-6425.0000	H,V	597KG7W	Tx	42.45	20.71	Stel9797		Digital
183)	5925.0000-6425.0000	H,V	683KG7W	Tx	43.03	20.71	Stel9797		Digital
184)	5925.0000-6425.0000	H,V	768KG7W	Tx	43.54	20.71	Stel9797		Digital
185)	5925.0000-6425.0000	H,V	853KG7W	Tx	44.00	20.71	Stel9797		Digital
186)	5925.0000-6425.0000	H,V	939KG7W	Tx	44.41	20.71	Stel9797		Digital
187)	3700.0000-4200.0000	H,V	128KG7W	Rx			Stel9797		Digital
188)	3700.0000-4200.0000	H,V	171KG7W	Rx			Stel9797		Digital
189)	3700.0000-4200.0000	H,V	1M03G7W	Rx			Stel9797		Digital
190)	3700.0000-4200.0000	H,V	28K0G7W	Rx			Stel9797		Digital
191)	3700.0000-4200.0000	H,V	293KG7W	Rx			Stel9797		Digital
192)	3700.0000-4200.0000	H,V	299KG7W	Rx			Stel9797		Digital



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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
193)	3700.0000-4200.0000	H, V	329KG7W	Rx			Stel9797		Digital
194)	3700.0000-4200.0000	H, V	341KG7W	Rx			Stel9797		Digital
195)	3700.0000-4200.0000	H, V	384KG7W	Rx			Stel9797		Digital
196)	3700.0000-4200.0000	H, V	402KG7W	Rx			Stel9797		Digital
197)	3700.0000-4200.0000	H, V	427KG7W	Rx			Stel9797		Digital
198)	3700.0000-4200.0000	H, V	469KG7W	Rx			Stel9797		Digital
199)	3700.0000-4200.0000	H, V	512KG7W	Rx			Stel9797		Digital
200)	3700.0000-4200.0000	H, V	555KG7W	Rx			Stel9797		Digital
201)	3700.0000-4200.0000	H, V	585KG7W	Rx			Stel9797		Digital
202)	3700.0000-4200.0000	H, V	597KG7W	Rx			Stel9797		Digital
203)	3700.0000-4200.0000	H, V	683KG7W	Rx			Stel9797		Digital
204)	3700.0000-4200.0000	H, V	725KG7W	Rx			Stel9797		Digital
205)	3700.0000-4200.0000	H, V	768KG7W	Rx			Stel9797		Digital
206)	3700.0000-4200.0000	H, V	800KG7W	Rx			Stel9797		Digital
207)	3700.0000-4200.0000	H, V	811KG7W	Rx			Stel9797		Digital
208)	3700.0000-4200.0000	H, V	896KG7W	Rx			Stel9797		Digital
209)	3700.0000-4200.0000	H, V	939KG7W	Rx			Stel9797		Digital

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	72.0W	-72.0W	15.0	-15.0	000.0	-000.0	21.87	Remoted
2)	11700.0000-12200.0000	72.0W	-72.0W	15.0	-15.0	000.0	-000.0		Remoted
3)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Remoted



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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		
4)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				RemoteD
5)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				RemoteD
6)	14000.0000-14500.0000	113.0W	-113.0W	15.0	-15.0	000.0	-000.0	24.7	RemoteE
7)	11700.0000-12200.0000	113.0W	-113.0W	15.0	-15.0	000.0	-000.0		RemoteE
8)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				RemoteE
9)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				RemoteE
10)	14000.0000-14500.0000	123.0W	-123.0W	15.0	-15.0	000.0	-000.0	25.07	RemoteF
11)	11700.0000-12200.0000	123.0W	-123.0W	15.0	-15.0	000.0	-000.0		RemoteF
12)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				RemoteF
13)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				RemoteF
14)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Orbit7103
15)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Orbit7103
16)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Stel4006
17)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Stel4006
18)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Sailor800
19)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Sailor800
20)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Sailor800
21)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-10.8	Sailor800
22)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-29.78	AZU08
23)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				AZU08
24)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				AZU08
25)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				AZU08
26)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Sailor900
27)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Sailor900
28)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Sailor900
29)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			6.1	Sailor900
30)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Andrew
31)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Andrew
32)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Andrew
33)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-21.4	Andrew
34)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				GD1134
35)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				GD1134
36)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				GD1134
37)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-3.45	GD1134
38)	10950.0000-1.0000	60.0W	-140.0W	05.0	-05.0				IV110



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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		
39)	11450.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				IV110
40)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				IV110
41)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-5.5	IV110
42)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				IV100
43)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				IV100
44)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				IV100
45)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-4.6	IV100
46)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				IV130
47)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				IV130
48)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				IV130
49)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-4.2	IV130
50)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				IV80
51)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				IV80
52)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				IV80
53)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-20.32	IV80
54)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Prod1194
55)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Prod1194
56)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Prod1194
57)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-12.1	Prod1194
58)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Prod1132
59)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Prod1132
60)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Prod1132
61)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-2.5	Prod1132
62)	10590.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Stel9711
63)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Stel9711
64)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Stel9711
65)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-1	Stel9711
66)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Stel4009
67)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Stel4009
68)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Stel4009
69)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-6.3	Stel4009
70)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-3.2	Stel4012
71)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Stel4012
72)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Stel4012
73)	11700.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Stel4012



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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		
74)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0				Stel6006
75)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Stel6006
76)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Stel6006
77)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-4.1	Stel6006
78)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0			0	Stel6009
79)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Stel6009
80)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Stel6009
81)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-4.1	Stel6009
82)	10950.0000-11200.0000	60.0W	-140.0W	05.0	-05.0			0	Spacetrck
83)	11450.0000-11700.0000	60.0W	-140.0W	05.0	-05.0				Spacetrck
84)	11700.0000-12200.0000	60.0W	-140.0W	05.0	-05.0				Spacetrck
85)	14000.0000-14500.0000	60.0W	-140.0W	05.0	-05.0			-21.4	Spacetrck

D) Points of Communications

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

- 1) Remotes to AMC 3 (S2162) @ 72 degrees W.L. (U.S.-licensed)
- 2) Remotes to Eutelsat 113WA (S2695) @ 113 degrees W.L. (formerly SATMEX 6) (Mexico-licensed)
- 3) Remotes to GALAXY 18 satellite (S2733) @ 123 W.L.(U.S.-licensed satellite)
- 4) Remotes to Permitted Space Station List
- 5) ESV-Remotes to EUTELSAT 117WA (S2873) @ 116.8 degrees W.L. (formerly SATMEX 8) (Mexico-licensed)
- 6) ESV-Remotes to GALAXY 18 satellite (S2733) @ 123 W.L.(U.S.-licensed satellite)
- 7) ESV-Remotes to AMC-6 (S2347) @ 139.0 degrees W.L. (U.S.-licensed)
- 8) ESV-Remotes to AMC 3 (S2162) @ 72 degrees W.L. (U.S.-licensed)
- 9) ESV-Remotes to Eutelsat 113WA (S2695) @ 113 degrees W.L. (formerly SATMEX 6) (Mexico-licensed)
- 10) ESV-Remotes to Permitted Space Station List
- 11) AZU-08 REMOTES to Permitted Space Station List
- 12) A-ESV-Remotes to Permitted Space Station List



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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)
AZU-08 REMOTES	AZU08	1000	0.85	AZIMUTH	AZU-08	0	10 AGL/ 10 AMSL	
Max Gains(s):		38.8 dBi @	11.5000 GHz	40.3 dBi @	14.2500 GHz			
Maximum total input power at antenna flange (Watts) =						8.00		
Maximum aggregate output EIRP for all carriers (dBW) =						49.33		
A-ESV-Remote	Andrew	250	1.2	Andrew/Skyware	1.2M	0	10 AGL/ 10 AMSL	
Max Gains(s):		41.8 dBi @	12.0000 GHz	43.3 dBi @	14.2500 GHz			
Maximum total input power at antenna flange (Watts) =						6.00		
Maximum aggregate output EIRP for all carriers (dBW) =						51.00		
A-ESV-Remote	GD1134	250	1.2	GDSatcom	11134	0	10 AGL/ 10 AMSL	
Max Gains(s):		41.5 dBi @	11.8500 GHz	43.0 dBi @	14.2500 GHz			
Maximum total input power at antenna flange (Watts) =						8.00		
Maximum aggregate output EIRP for all carriers (dBW) =						52.00		
A-ESV-Remote	IV100	250	1.06	Intellian	V100	0	10 AGL/ 10 AMSL	
Max Gains(s):		39.8 dBi @	11.8500 GHz	41.2 dBi @	14.2500 GHz			
Maximum total input power at antenna flange (Watts) =						13.80		
Maximum aggregate output EIRP for all carriers (dBW) =						52.60		
A-ESV-Remote	IV110	250	1.05	GDSatcom	V110	0	10 AGL/ 10 AMSL	
Max Gains(s):		39.6 dBi @	12.2000 GHz	41.7 dBi @	14.2500 GHz			
Maximum total input power at antenna flange (Watts) =						6.97		
Maximum aggregate output EIRP for all carriers (dBW) =						49.83		
A-ESV-Remote	IV130	250	1.25	Intellian	V130	0	10 AGL/ 10 AMSL	
Max Gains(s):		41.6 dBi @	11.8500 GHz	43.2 dBi @	14.2500 GHz			
Maximum total input power at antenna flange (Watts) =						13.18		
Maximum aggregate output EIRP for all carriers (dBW) =						54.40		



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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)
A-ESV-Remote	IV80	250	0.83	Intellian	V80	0	10 AGL/ 10 AMSL	
	Max Gains(s):	38.3 dBi @	12.2000 GHz	39.6 dBi @	14.2500 GHz			
	Maximum total input power at antenna flange (Watts) =				8.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				47.38			
ESV-Remotes	Orbit7103	250	1.15	Orbit	7103	10	10 AGL/ 10 AMSL	
	Max Gains(s):	41.0 dBi @	12.5000 GHz	41.9 dBi @	14.2500 GHz			
	Maximum total input power at antenna flange (Watts) =				5.19			
	Maximum aggregate output EIRP for all carriers (dBW) =				49.05			
A-ESV-Remote	Prod1132	250	1.2	Prodelin	1132	0	10 AGL/ 10 AMSL	
	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			
A-ESV-Remote	Prod1194	250	1.8	Intellian	1194	0	10 AGL/ 10 AMSL	
	Max Gains(s):	45.2 dBi @	11.8500 GHz	46.7 dBi @	14.1250 GHz			
	Maximum total input power at antenna flange (Watts) =				4.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				52.70			
Remotes	RemoteD	30	1.15	Orbit	Orsat AL-7103	10	10 AGL/ 10 AMSL	
	Max Gains(s):	41.0 dBi @	12.5000 GHz	41.9 dBi @	14.2500 GHz			
	Maximum total input power at antenna flange (Watts) =				2.71			
	Maximum aggregate output EIRP for all carriers (dBW) =				46.22			
Remotes	RemoteE	10	1.15	Orbit	Orsat AL-7103	10	10 AGL/ 10 AMSL	
	Max Gains(s):	41.0 dBi @	12.5000 GHz	41.9 dBi @	14.2500 GHz			
	Maximum total input power at antenna flange (Watts) =				2.40			
	Maximum aggregate output EIRP for all carriers (dBW) =				45.70			



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Non Common Carrier

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Expiration Date: 01/08/2023

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)
Remotes	RemoteF	20	1.15	Orbit	Orsat AL-7103	10	10 AGL/ 10 AMSL	
		Max Gains(s):	41.0 dBi @	12.5000 GHz	41.9 dBi @	14.2500 GHz		
		Maximum total input power at antenna flange (Watts) =			1.75			
		Maximum aggregate output EIRP for all carriers (dBW) =			44.33			
ESV-Remotes	Sailor800	250	0.83	Thrane&Thrane	Sailor800	10	10 AGL/ 10 AMSL	
		Max Gains(s):	37.9 dBi @	11.7000 GHz	40.0 dBi @	14.2500 GHz		
		Maximum total input power at antenna flange (Watts) =			5.50			
		Maximum aggregate output EIRP for all carriers (dBW) =			47.40			
A-ESV-Remote	Sailor900	250	1	Thrane&Thrane	Sailor900	0	10 AGL/ 10 AMSL	
		Max Gains(s):	40.1 dBi @	11.4500 GHz	41.6 dBi @	14.2500 GHz		
		Maximum total input power at antenna flange (Watts) =			6.50			
		Maximum aggregate output EIRP for all carriers (dBW) =			49.70			
A-ESV-Remote	Spacetrck	250	2.4	Spacetrack	4024	0	10 AGL/ 10 AMSL	
		Max Gains(s):	37.1 dBi @	4.0000 GHz	41.4 dBi @	6.1750 GHz		
		Maximum total input power at antenna flange (Watts) =			1.25			
		Maximum aggregate output EIRP for all carriers (dBW) =			42.20			
ESV-Remotes	Stel4006	250	1	Seatel	4006	10	10 AGL/ 10 AMSL	
		Max Gains(s):	39.6 dBi @	12.0000 GHz	41.2 dBi @	14.0000 GHz		
		Maximum total input power at antenna flange (Watts) =			5.36			
		Maximum aggregate output EIRP for all carriers (dBW) =			48.40			
A-ESV-Remote	Stel4009	250	1	SeaTel	4009	0	10 AGL/ 10 AMSL	
		Max Gains(s):	40.1 dBi @	12.0000 GHz	41.8 dBi @	14.0000 GHz		
		Maximum total input power at antenna flange (Watts) =			8.00			
		Maximum aggregate output EIRP for all carriers (dBW) =			50.30			



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Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
A-ESV-Remote	Stel4012	250	1.06	SeaTel	4012gx	0	10 AGL/ 10 AMSL	
	Max Gains(s):	39.8 dBi @	12.5000 GHz	40.8 dBi @	14.2500 GHz			
	Maximum total input power at antenna flange (Watts) =			8.00				
	Maximum aggregate output EIRP for all carriers (dBW) =			50.30				
A-ESV-Remote	Stel6006	250	1.5	SeaTel	6006	0	10 AGL/ 10 AMSL	
	Max Gains(s):	41.4 dBi @	12.2000 GHz	45.1 dBi @	14.2500 GHz			
	Maximum total input power at antenna flange (Watts) =			85.11				
	Maximum aggregate output EIRP for all carriers (dBW) =			64.40				
A-ESV-Remote	Stel6009	250	1.5	SeaTel	6009	0	10 AGL/ 10 AMSL	
	Max Gains(s):	41.4 dBi @	12.2000 GHz	45.1 dBi @	14.2500 GHz			
	Maximum total input power at antenna flange (Watts) =			85.11				
	Maximum aggregate output EIRP for all carriers (dBW) =			64.40				
A-ESV-Remote	Stel9711	250	2.4	SeaTel	9711	0	10 AGL/ 10 AMSL	
	Max Gains(s):	38.5 dBi @	3.9500 GHz	41.7 dBi @	61.8000 GHz			
	Maximum total input power at antenna flange (Watts) =			84.14				
	Maximum aggregate output EIRP for all carriers (dBW) =			60.95				
ESV-Remotes	Stel9797	250	2.4	Seatel	9797	10	3 AGL	
	Max Gains(s):	38.5 dBi @	3.9500 GHz	41.7 dBi @	6.1750 GHz			
	Maximum total input power at antenna flange (Watts) =			14.95				
	Maximum aggregate output EIRP for all carriers (dBW) =			53.45				

F) Remote Control Point:

A-ESV-Remote: 5901 EARHART EXPRESSWAY

Call Sign:

NEW ORLEANS, HARAHAN, LA 70123

8556394482



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F) Remote Control Point:

AZU-08 5901 EARHART EXPRESSWAY Call Sign: E920639
REMOTES

NEW ORLEANS, HARAHAH, LA 70123
8556394482

ESV-Remotes 5901 EARHART EXPRESSWAY Call Sign: E850127

HARAHAH, JEFFERSON, LA 70123
8556394482

ESV-Remotes 5901 EARHART EXPRESSWAY Call Sign: E920639

HARAHAH, JEFFERSON, LA 70123
8556394482

ESV-Remotes 5901 EARHART EXPRESSWAY Call Sign: E920640

HARAHAH, JEFFERSON, LA 70123
8556394482

Remotes 5901 Earhart Expressway Call Sign: E920639

Harahan, Jefferson, LA 70123
8556394482

Remotes 5901 Earhart Expressway Call Sign: E920640

Harahan, Jefferson, LA 70123
8556394482

Remotes 5901 Earhart Expressway Call Sign: E990070

Harahan, Jefferson, LA 70123
8556394482

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 (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage 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.
- 21 --- Operation of antenna must comply with the off-axis eirp spectral density level specified in 25.218.
- 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.
- 385 --- The use of the band 10.7-11.7 GHz (Space-to-Earth) and 12.75-13.25 GHz (Earth-to-Space) by the fixed-satellite service in the geostationary satellite orbit shall be limited to international systems, i.e. other than domestic systems. (NG52)
- 90003 --- The licensee shall not operate in the band 14.0-14.2 GHz within 125 km of the NASA TDRSS facilities on: Guam (latitude 13°36'55" N, longitude 144°51'22" E); White Sands, New Mexico (latitude 32°20'59" N, longitude 106°36'31" W and latitude 32°32'40" N, longitude 106°36'48" W); Blossom Point, Maryland (latitude 38° 25' 44" N.L., longitude 77° 05' 02" W.L.) unless and until it enters into an agreement with NASA that NTIA has approved. The licensee must conform its operations to the terms of any coordination agreement with NASA and must file a copy of the agreement with the Commission within 30 days of execution. Upon receipt of such notification from a licensee, the International Bureau will issue a public notice stating that the licensee may commence operations within the coordination zone in 30 days if no party has opposed the operations.



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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:

- 90004 --- The licensee shall not operate in the band 14.47-14.5 GHz within the coordination zones listed in § 25.226 (d)(2) Table 1 unless and until it enters into an agreement with the National Science Foundation that has been approved by NTIA. The licensee must conform its operations to the terms of any coordination agreement with the National Science Foundation and must file a copy of the agreement with the Commission within 30 days of execution.
- 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.
- 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.