UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Current Authorization : FCC WEB Reproduction

Unofficial Copy

Name: ISAT US INC.

Call Sign: E090032
File Number: SES-MOD-20101101-01391

Authorization Type: Modification of License
Common Carrier **Grant Date:** 02/01/2011 **Expiration Date:** 10/22/2024

Nature of Service: Mobile Satellite Service

Class of Station: Mobile Earth Station

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	Multiple Units	Limited to 100,000 half-duplex ISATPro Phones and 30,000 various terminals Various (Mobile)				NA	

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 Thursday, October 22, 2009 (3 AM Eastern Standard Time) and ending Tuesday, October 22, 2024 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is Saturday, February 11, 2012 (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	Polarization	Emission	Tx/Rx Mode	Max EIRP /Carrier	Max EIRP Density	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	1646.5000 - 1660.5000	R	100KG1X	T	33.00	20.00	1		64 kbps Data, Fax; O-QPSK
2)	1646.5000 - 1660.5000	R	20K0G1X	T	25.00	18.00	1		Signaling; BPSK
3)	1646.5000 - 1660.5000	R	20K0G1E	T	33.00	26.00	1		Voice, Data, Fax; O-QPSK
4)	1626.5000 - 1645.5000	R	100KG1X	T	33.00	20.00	1		64 kbps Data, Fax; O-QPSK
5)	1626.5000 - 1645.5000	R	20K0G1X	T	25.00	18.00	1		Signaling; BPSK
6)	1626.5000 - 1645.5000	R	20K0G1E	T	33.00	26.00	1		Voice, Data, Fax; O-QPSK
7)	1545.0000 - 1559.0000	R	100KG1X	R			1		64 kbps Data; O-QPSK
8)	1545.0000 - 1559.0000	R	20K0G1X	R			1		Signaling; BPSK
9)	1545.0000 - 1559.0000	R	20K0G1E	R			1		Voice, Data, Fax; O-QPSK
10)	1525.0000 - 1544.0000	R	100KG1X	R			1		64 kbps Data; O-QPSK
11)	1525.0000 - 1544.0000	R	20K0G1X	R			1		Signaling; BPSK
12)	1525.0000 - 1544.0000	R	20K0G1E	R			1		Voice, Data, Fax; O-QPSK
13)	1646.5000 - 1660.5000	R	20K0G1X	T	25.00	15.00	11		3 kbps Signaling; BPSK
14)	1646.5000 - 1660.5000	R	40K0G1W	T	25.00	15.00	11		4.8 kbps Data; 16-QAM
15)	1646.5000 - 1660.5000	R	5K00G1W	T	25.00	15.00	11		64 kbps Mini-M; O-QPSK

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16) 1626.5000 - 1645.5000	R	20K0G1X	T	25.00	15.00	11	3 kbps Signaling; BPSK
17) 1626.5000 - 1645.5000	R	40K0G1W	T	25.00	15.00	11	4.8 kbps Data; 16-QAM
18) 1626.5000 - 1645.5000	R	5K00G1W	T	25.00	15.00	11	64 kbps Mini-M; O-QPSK
19) 1545.0000 - 1559.0000	R	20K0G1X	R			11	3 kbps Signaling; BPSK
20) 1545.0000 - 1559.0000	R	40K0G1W	R			11	64 kbps Data; 16-QAM
21) 1545.0000 - 1559.0000	R	5K00G1W	R			11	4.8 kbps Mini-M; O-QPSK
22) 1525.0000 - 1544.0000	R	20K0G1X	R			11	3 kbps Signaling; BPSK
23) 1525.0000 - 1544.0000	R	40K0G1W	R			11	64 kbps Data; 16-QAM
24) 1525.0000 - 1544.0000	R	5K00G1W	R			11	4.8 kbps Mini-M; O-QPSK
25) 1626.5000 - 1660.5000	R	50K0G7W	T	7.30	-3.67	12	Signalling, Voice, Data, Fax, OQPSK
26) 1525.0000 - 1559.0000	R	200KG7W	R			12	Signalling, Voice, Data, Fax, OQPSK
27) 1646.5000 - 1660.5000	R	50K0G7W	T	11.00	0.03	13	SIGNALLING, VOICE, DATA, FAX, GMSK
28) 1626.5000 - 1645.5000	R	50K0G7W	T	11.00	0.03	13	SIGNALLING, VOICE, DATA, FAX, GMSK
29) 1545.0000 - 1559.0000	R	200KG7W	R			13	SIGNALLING, VOICE, DATA, FAX, OQPSK
30) 1525.0000 - 1544.0000	R	200KG7W	R			13	SIGNALLING, VOICE, DATA, FAX, OQPSK
31) 1646.5000 - 1660.5000	R	20K0G1X	T	21.00	14.00	2	Signaling; BPSK
32) 1646.5000 - 1660.5000	R	10K0G1W	T	27.00	23.00	2	Voice, Data, Fax; O-QPSK
33) 1626.5000 - 1645.5000	R	20K0G1X	T	21.00	14.00	2	Signaling; BPSK
34) 1626.5000 - 1645.5000	R	10K0G1W	T	27.00	23.00	2	Voice, Data, Fax; O-QPSK
35) 1545.0000 - 1559.0000	R	20K0G1X	R			2	Signaling; BPSK
36) 1545.0000 - 1559.0000	R	10K0G1W	R			2	Voice, Data, Fax; O-QPSK
37) 1525.0000 - 1544.0000	R	20K0G1X	R			2	Signaling; BPSK
38) 1525.0000 - 1544.0000	R	10K0G1W	R			2	Voice, Data, Fax; O-QPSK
39) 1646.5000 - 1660.5000	R	20K0G1X	T	17.00	11.00	3	Signaling; BPSK
40) 1646.5000 - 1660.5000	R	5K00G1E	T	17.00	17.00	3	Mini-M Voice, Data and Fax; O-QPSK
41) 1626.5000 - 1645.5000	R	20K0G1X	T	17.00	11.00	3	Signaling; BPSK
42) 1626.5000 - 1645.5000	R	5K00G1E	T	17.00	17.00	3	Mini-M Voice, Data and Fax; O-QPSK
43) 1545.0000 - 1559.0000	R	20K0G1X	R			3	Signaling; BPSK
44) 1545.0000 - 1559.0000	R	5K00G1E	R			3	Mini-M Voice, Data, Fax; O-QPSK

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45) 1525.0000 - 1544.0000	R	20K0G1X	R			3	Signaling; BPSK
46) 1525.0000 - 1544.0000	R	5K00G1E	R			3	Mini-M Voice, Data, Fax; O-QPSK
47) 1646.5000 - 1660.5000	R	20K0G1X	T	17.00	11.00	4	Signaling; BPSK
48) 1646.5000 - 1660.5000	R	5K00G1E	T	17.00	17.00	4	Mini-M Voice, Data and Fax; O-QPSK
49) 1626.5000 - 1645.5000	R	20K0G1X	T	17.00	11.00	4	Signaling; BPSK
50) 1626.5000 - 1645.5000	R	5K00G1E	T	17.00	17.00	4	Mini-M Voice, Data and Fax; O-QPSK
51) 1545.0000 - 1559.0000	R	20K0G1X	R			4	Signaling; BPSK
52) 1545.0000 - 1559.0000	R	5K00G1E	R			4	Mini-M Voice, Data, Fax; O-QPSK
53) 1525.0000 - 1544.0000	R	20K0G1X	R			4	Signaling; BPSK
54) 1525.0000 - 1544.0000	R	5K00G1E	R			4	Mini-M Voice, Data, Fax; O-QPSK
55) 1646.5000 - 1660.5000	R	20K0G1X	T	17.00	11.00	5	Signaling; BPSK
56) 1646.5000 - 1660.5000	R	5K00G1E	T	17.00	17.00	5	Mini-M Voice, Data and Fax; O-QPSK
57) 1626.5000 - 1645.5000	R	20K0G1X	T	17.00	11.00	5	Signaling; BPSK
58) 1626.5000 - 1645.5000	R	5K00G1E	T	17.00	17.00	5	Mini-M Voice, Data and Fax; O-QPSK
59) 1545.0000 - 1559.0000	R	20K0G1X	R			5	Signaling; BPSK
60) 1545.0000 - 1559.0000	R	5K00G1E	R			5	Mini-M Voice, Data, Fax; O-QPSK
61) 1525.0000 - 1544.0000	R	20K0G1X	R			5	Signaling; BPSK
62) 1525.0000 - 1544.0000	R	5K00G1E	R			5	Mini-M Voice, Data, Fax; O-QPSK
63) 1646.5000 - 1660.5000	R	50K0D7W	T	21.00	11.70	6	Voice and Data Services; 16-QAM
64) 1646.5000 - 1660.5000	R	200KD7W	T	21.00	5.20	6	Voice and Data Services; 16-QAM
65) 1626.5000 - 1645.5000	R	50K0D7W	T	21.00	11.70	6	Voice and Data Services; 16-QAM
66) 1626.5000 - 1645.5000	R	200KD7W	T	21.00	5.20	6	Voice and Data Services; 16-QAM
67) 1545.0000 - 1559.0000	R	50K0D7W	R			6	Voice and Data Services; 16-QAM
68) 1545.0000 - 1559.0000	R	200KD7W	R			6	Voice and Data Services; 16-QAM
69) 1545.0000 - 1559.0000	R	12K5G7W	R			6	Voice and Data Services; QPSK
70) 1525.0000 - 1544.0000	R	50K0D7W	R			6	Voice and Data Services; 16-QAM

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71) 1525.0000 - 1544.0000	R	200KD7W	R			6	Voice and Data Services; 16-QAM
72) 1525.0000 - 1544.0000	R	12K5G7W	R			6	Voice and Data Services; QPSK
73) 1646.5000 - 1660.5000	R	50K0D7W	T	16.10	6.80	7	Voice and Data Services; 16-QAM
74) 1646.5000 - 1660.5000	R	200KD7W	T	16.10	0.30	7	Voice and Data Services; 16-QAM
75) 1626.5000 - 1645.5000	R	50K0D7W	T	16.10	6.80	7	Voice and Data Services; 16-QAM
76) 1626.5000 - 1645.5000	R	200KD7W	T	16.10	0.30	7	Voice and Data Services; 16-QAM
77) 1545.0000 - 1559.0000	R	50K0D7W	R			7	Voice and Data Services; 16-QAM
78) 1545.0000 - 1559.0000	R	200KD7W	R			7	Voice and Data Services; 16-QAM
79) 1545.0000 - 1559.0000	R	12K5G7W	R			7	Voice and Data Services; QPSK
80) 1525.0000 - 1544.0000	R	50K0D7W	R			7	Voice and Data Services; 16-QAM
81) 1525.0000 - 1544.0000	R	200KD7W	R			7	Voice and Data Services; 16-QAM
82) 1525.0000 - 1544.0000	R	12K5G7W	R			7	Voice and Data Services; QPSK
83) 1646.5000 - 1660.5000	R	25K0G7W	T	11.00	4.70	8	Voice and Data Services; pi/4 QPSK
84) 1646.5000 - 1660.5000	R	200KG7W	T	11.00	-4.80	8	Voice and Data Services; pi/4 QPSK
85) 1626.5000 - 1645.5000	R	25K0G7W	T	11.00	4.70	8	Voice and Data Services; pi/4 QPSK
86) 1626.5000 - 1645.5000	R	200KG7W	T	11.00	-4.80	8	Voice and Data Services; pi/4 QPSK
87) 1545.0000 - 1559.0000	R	50K0G7W	R			8	Voice and Data Services; QPSK
88) 1545.0000 - 1559.0000	R	200KG7W	R			8	Voice and Data Services; QPSK
89) 1545.0000 - 1559.0000	R	12K5G7W	R			8	Voice and Data Services; QPSK
90) 1525.0000 - 1544.0000	R	50K0G7W	R			8	Voice and Data Services; QPSK
91) 1525.0000 - 1544.0000	R	200KG7W	R			8	Voice and Data Services; QPSK
92) 1525.0000 - 1544.0000	R	12K5G7W	R			8	Voice and Data Services; QPSK
93) 1646.5000 - 1660.5000	R	25K0G7W	T	11.00	4.70	9	Voice and Data Services; pi/4 QPSK
94) 1646.5000 - 1660.5000	R	200KG7W	T	11.00	-4.80	9	Voice and Data Services; pi/4 QPSK
95) 1626.5000 - 1645.5000	R	25K0G7W	T	11.00	4.70	9	Voice and Data Services; pi/4 QPSK
96) 1626.5000 - 1645.5000	R	200KG7W	T	11.00	-4.80	9	Voice and Data Services; pi/4 QPSK

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97) 1545.0000 - 1559.0000	R	50K0G7W	R	9	Voice and Data Services; QPSK
98) 1545.0000 - 1559.0000	R	200KG7W	R	9	Voice and Data Services; QPSK
99) 1545.0000 - 1559.0000	R	12K5G7W	R	9	Voice and Data Services; QPSK
100) 1525.0000 - 1544.0000	R	50K0G7W	R	9	Voice and Data Services; QPSK
101) 1525.0000 - 1544.0000	R	200KG7W	R	9	Voice and Data Services; QPSK
102) 1525.0000 - 1544.0000	R	12K5G7W	R	9	Voice and Data Services; QPSK

C) Frequency Coordination

#	Frequency Limits(MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
1)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	26.0	1
2)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		1
3)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	23.0	2
4)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		2
5)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	17.0	3
6)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		3
7)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		4
8)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	17.0	4
9)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	17.0	5
10)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0	0.0	5
11)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		12
12)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	-3.67	12
13)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		7
14)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	6.8	7
15)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		8
16)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	4.7	8
17)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		9
18)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	4.7	9
19)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	15.0	11
20)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		11
21)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0	0.0	360.0		6
22)	1626.5000 - 1660.5000	0.0W	360.0W	5.0	5.0	0.0	360.0	11.7	6
23)	1525.0000 - 1559.0000	0.0W	360.0W	5.0	5.0		360.0		13

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24)	1626.5000 - 1660.5000	0.0W-360.0W	5.0 - 5.0	- 360.0	-3.67	13

D) Point of Communications

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

1) Multiple Units to All Inmarsat satellites on "ISAT List" authorized to access U.S. in the L-Band

E) Antenna Facilites

Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
Multiple Units	1	30000	0.8	Nera	Saturn B		0.0 AGL/ 0.0 AMSL	167
Max Gains(s):21.6 dBi @ 1.6265 GHz 21.0 dBi @ 1.5250 GHz								
Maximum total input power at antenna flange (Watts) = 16.0								
Maximum aggregate output EIRP for all carriers (dBW)33.0								
Multiple Units	11	30000	0.774	Nera	World Communicator		0.0 AGL/ 0.0 AMSL	167
Max Gains(s):18.0 dBi @ 1.6265 GHz 18.0 dBi @ 1.5250 GHz								
Maximum total input power at antenna flange (Watts) = 7.0								
Maximum aggregate output EIRP for all carriers (dBW)25.5								
Multiple Units	12	100000	0.017	Inmarsat	IsatPro Phones			167
Max Gains(s):3.8 dBi @ 1.5250 GHz 3.8 dBi @ 1.6265 GHz								
Maximum total input power at antenna flange (Watts) = 2.238								
Maximum aggregate output EIRP for all carriers (dBW)7.3								
Multiple Units	13	100000	0.14	BEAM COMMUNICATIONS/AERO ANTENNA	ISATPHONE/ AT1595-83			167
Max Gains(s):5.5 dBi @ 1.5250 GHz 5.8 dBi @ 1.6265 GHz								
Maximum total input power at antenna flange (Watts) = 3.35								
Maximum aggregate output EIRP for all carriers (dBW)11.0								
Multiple Units	2	30000	0.56	Nera	Saturn M		0.0 AGL/ 0.0 AMSL	167
Max Gains(s):14.6 dBi @ 1.6265 GHz 14.0 dBi @ 1.5250 GHz								
Maximum total input power at antenna flange (Watts) = 20.0								
Maximum aggregate output EIRP for all carriers (dBW)27.0								
Multiple Units	3	30000	0.26	Nera	Worldphone		0.0 AGL/ 0.0 AMSL	167
Max Gains(s):13.1 dBi @ 1.6265 GHz 12.5 dBi @ 1.5250 GHz								
Maximum total input power at antenna flange (Watts) = 3.0								
Maximum aggregate output EIRP for all carriers (dBW)17.0								

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Multiple Units	4	30000	0.27	Thrane & Thrane	TT3060A	0.0 AGL/ 0.0 AMSL	167

Max Gains(s):12.6 dBi @ 1.6265 GHz 12.0 dBi @ 1.5250 GHz
Maximum total input power at antenna flange (Watts) = 3.0
Maximum aggregate output EIRP for all carriers (dBW)17.0

Multiple Units	5	30000	0.27	NEC	Planet 1	0.0 AGL/ 0.0 AMSL	167

Max Gains(s):12.6 dBi @ 1.6265 GHz 12.0 dBi @ 1.5250 GHz
Maximum total input power at antenna flange (Watts) = 3.0
Maximum aggregate output EIRP for all carriers (dBW)17.0

Multiple Units	6	30000	0.35	Hughes Network Systems	HNS 9201	0.0 AGL/ 0.0 AMSL	167

Max Gains(s):14.5 dBi @ 1.5250 GHz 15.1 dBi @ 1.6265 GHz
Maximum total input power at antenna flange (Watts) = 4.074
Maximum aggregate output EIRP for all carriers (dBW)21.0

Multiple Units	7	30000	0.21	Thrane & Thrane	Explorer 500, 700	0.0 AGL/ 0.0 AMSL	167

Max Gains(s):10.8 dBi @ 1.5250 GHz 11.4 dBi @ 1.6265 GHz
Maximum total input power at antenna flange (Watts) = 2.951
Maximum aggregate output EIRP for all carriers (dBW)16.1

Multiple Units	8	30000	0.125	Nera	WorldPro 1000	0.0 AGL/ 0.0 AMSL	167

Max Gains(s):8.8 dBi @ 1.5250 GHz 9.4 dBi @ 1.6265 GHz
Maximum total input power at antenna flange (Watts) = 1.585
Maximum aggregate output EIRP for all carriers (dBW)11.0

Multiple Units	9	30000	0.2	Add Value	Wideye Sabre I	0.0 AGL/ 0.0 AMSL	167

Max Gains(s):9.3 dBi @ 1.5250 GHz 9.9 dBi @ 1.6265 GHz
Maximum total input power at antenna flange (Watts) = 1.995
Maximum aggregate output EIRP for all carriers (dBW)11.0

F) Remote Control

Multiple Units Inmarsat's facilities
Paumalu, HI
(808) 638-5820

Call Sign:

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:

167 This authorization is limited to the total number of terminals listed in Section A of this license for this Site ID.

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H) Special and General Provisions

263 Licensee shall coordinate with the National Science Foundation (NSF) in the 1660.0-1660.5 MHz band to ensure sharing of co-primary services.

307 This authorization is subject to compliance with the provisions of the Agreement between Inmarsat on the one hand and the U.S. Department of Justice (DOJ) and the Department of Homeland Security (DHS) on the other, dated September 23, 2008.

505 Devices operating under the authorization for Antenna 12 are subject to specific provisions.

The devices must provide the services required under Section 25.284 of the Commission's rules.

The terminals may not be operated on civil aircraft unless the earth station has direct physical connection to the aircraft cabin or cockpit communication system.

The terminals are subject to equipment authorization pursuant to Section 25.129 and Part 2, Subpart J of the Commission's rules, including the requirement for a showing of compliance with Section 2.1093(d).

1010 Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.

1900 Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.

2325 Antennas and all antenna supporting structures used under this authorization shall not exceed 20 feet in height.

3848 The authorized frequency band(s) has (have) been cleared with the National Telecommunications and Information Administration.

5208 The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. 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.

5779 Upon completion of construction each 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 construction of the facility as authorized has been completed, and that the station is operational including the date of commencement of service, and will remain operational during the license period unless the license is submitted for cancellation.

5851 In accordance with US Footnote 308, the operation of METs in the 1545-1558.5 and 1646.5-1660 MHz is on a secondary basis to U.S. AMS[R]S requirements of other U.S.-authorized MSS providers operating in the 1545-1559 and 1646.5-1660 MHz bands.

5875 Licensee's operation of the authorized METs is on a secondary basis to safety and distress communications of those stations operating in the Global Maritime Distress Satellite Service.

5956 The authorized mobile earth terminals (METs) shall comply with the out-of-band emission limits set forth in Sections 25.202(f) and 25.216 of the Commission's rules. See 47 C.F.R. §§ 25.202(f) and 25.216; Out-of-Band Emission Orders, FCC 02-34 (rel. May 14, 2002), as amended by FCC-03-0283 (rel. November 18, 2003).

Name: ISAT US INC.

Call Sign: E090032
File Number: SES-MOD-20101101-01391

Authorization Type: Modification of License
Common Carrier **Grant Date:** 02/01/2011 **Expiration Date:** 10/22/2024

H) Special and General Provisions

15208 The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.

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H) Special and General Provisions

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 regulates 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.