



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
 Unofficial Copy

**Name:** IRIDIUM CARRIER SERVICES LLC

**Call Sign:** E960622  
**File Number:** SES-MOD-20170413-00389

**Authorization Type:** Modification of License  
**Common Carrier:** **Grant Date:** 03/06/2018 **Expiration Date:** 10/30/2021

**Nature of Service:** Mobile Satellite Service

**Class of Station:** Mobile Earth Station

**A) Site Location(s)**

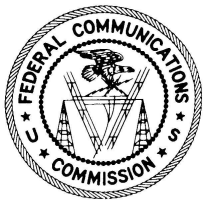
#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	METS	(200,000) Mobile Earth station TerminalS Operating in the US&P Mobile	0° 0' 0.0"	0° 0' 0.0"	0.0	NA	
2)	OpenPort	(0.525 M.) 50,000 units Mobile				NA	
Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.							
3)	LiveTV	0.407M. 50,000 units (LiveTV) Mobile				NA	
4)	AMS(R)S	20,000 AMS(R)S terminals Operating aboard aircraft McLean, Fairfax, VA, 22102				NA	
5)	Iridium Certus	1750 Tysons Boulevard, Suite 1400 0.312M. 50,000 units McLean, Fairfax, VA, Fairfax				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 Monday, October 30, 2006 (3 AM Eastern Standard Time) and ending Saturday, October 30, 2021 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is Wednesday, March 06, 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	Polarization	Emission	Tx/Rx Mode	Max EIRP /Carrier	Max EIRP Density	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	1618.7250 - 1626.5000	R	41K7Q7W	T	9.00	-10.80	AMS(R)S-1	Voice and Data; DQPSK	
2)	1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-1	Voice and Data; DQPSK	
3)	1618.7250 - 1626.5000	R	41K7Q7W	T	8.00	-11.80	AMS(R)S-2	Voice and Data; DQPSK	
4)	1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-2	Voice and Data; DQPSK	
5)	1618.7250 - 1626.5000	R	41K7Q7W	T	9.00	-10.80	AMS(R)S-3	Voice and Data; DQPSK	
6)	1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-3	Voice and Data; DQPSK	

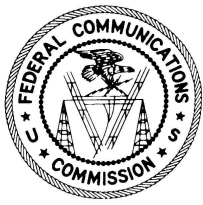


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7) 1618.7250 - 1626.5000	R	41K7Q7W	T	9.00	-10.80	AMS(R)S-4	Voice and Data; DQPSK
8) 1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-4	Voice and Data; DQPSK
9) 1618.7250 - 1626.5000	R	41K7Q7W	T	6.00	-13.80	AMS(R)S-5	Voice and Data; DQPSK
10) 1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-5	Voice and Data; DQPSK
11) 1618.7250 - 1626.5000	R	41K7Q7W	T	9.00	-10.80	AMS(R)S-6	Voice and Data; DQPSK
12) 1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-6	Voice and Data; DQPSK
13) 1618.7250 - 1626.5000	R	41K7Q7W	T	9.00	-10.80	AMS(R)S-7	Voice and Data; DQPSK
14) 1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-7	Voice and Data; DQPSK
15) 1618.7250 - 1626.5000	R	41K7Q7W	T	8.50	-11.30	AMS(R)S-8	Voice and Data; DQPSK
16) 1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-8	Voice and Data; DQPSK
17) 1618.7250 - 1626.5000	R	41K7Q7W	T	8.50	-11.30	AMS(R)S-9	Voice and Data; DQPSK
18) 1618.7250 - 1626.5000	R	41K7Q7W	R			AMS(R)S-9	Voice and Data; DQPSK
19) 1618.7250 - 1626.5000	R	333KQ7W	T	21.20	3.10	Aero 1-C	16 APSK Voice & Digital
20) 1618.7250 - 1626.5000	R	83K3Q7W	T	14.50	2.40	Aero 1-C	QPSK Voice & Data
21) 1618.7250 - 1626.5000	R	41K7Q7W	T	14.30	5.20	Aero 1-C	QPSK Voice & Data
22) 1618.7250 - 1626.5000	R	41K7Q7W	T	11.70	2.70	Aero 1-C	QPSK Voice & Data
23) 1618.7250 - 1626.5000	R	333KQ7W	T	14.30	-3.80	Aero 1-C	QPSK Voice & Data
24) 1618.7250 - 1626.5000	R	333KQ7W	R			Aero 1-C	16 APSK Voice & Digital
25) 1618.7250 - 1626.5000	R	83K3Q7W	R			Aero 1-C	QPSK Voice & Data
26) 1618.7250 - 1626.5000	R	41K7Q7W	R			Aero 1-C	QPSK Voice & Data
27) 1618.7250 - 1626.5000	R	333KQ7W	R			Aero 1-C	QPSK Voice & Data
28) 1618.7250 - 1626.5000	R	333KQ7W	T	21.20	3.10	Aero 1-T	16 APSK Voice & Digital
29) 1618.7250 - 1626.5000	R	83K3Q7W	T	14.50	2.40	Aero 1-T	QPSK Voice & Data
30) 1618.7250 - 1626.5000	R	41K7Q7W	T	14.30	5.20	Aero 1-T	QPSK Voice & Data
31) 1618.7250 - 1618.7250	R	41K7Q7W	T	11.70	2.70	Aero 1-T	QPSK Voice & Data
32) 1618.7250 - 1618.7250	R	333KQ7W	T	14.30	-3.80	Aero 1-T	QPSK Voice & Data
33) 1618.7250 - 1618.7250	R	333KQ7W	R			Aero 1-T	16 APSK Voice & Digital
34) 1618.7250 - 1618.7250	R	83K3Q7W	R			Aero 1-T	QPSK Voice & Data
35) 1618.7250 - 1618.7250	R	41K7Q7W	R			Aero 1-T	QPSK Voice & Data
36) 1618.7250 - 1618.7250	R	333KQ7W	R			Aero 1-T	QPSK Voice & Data
37) 1618.7250 - 1626.5000	R	333KQ7W	T	21.20	3.10	Aero 2-T	16 APSK Voice & Digital
38) 1618.7250 - 1626.5000	R	83K3Q7W	T	14.50	2.40	Aero 2-T	QPSK Voice & Data

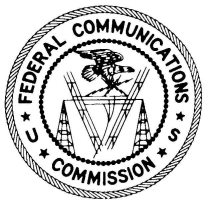


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39) 1618.7250 - 1626.5000	R	41K7Q7W	T	14.30	5.20	Aero 2-T	QPSK Voice & Data	
40) 1618.7250 - 1626.5000	R	41K7Q7W	T	11.70	2.70	Aero 2-T	QPSK Voice & Data	
41) 1618.7250 - 1626.5000	R	333KQ7W	T	14.30	-3.80	Aero 2-T	QPSK Voice & Data	
42) 1618.7250 - 1626.5000	R	333KQ7W	R			Aero 2-T	16 APSK Voice & Digital	
43) 1618.7250 - 1626.5000	R	83K3Q7W	R			Aero 2-T	QPSK Voice & Data	
44) 1618.7250 - 1626.5000	R	41K7Q7W	R			Aero 2-T	QPSK Voice & Data	
45) 1618.7250 - 1626.5000	R	333KQ7W	R			Aero 2-T	QPSK Voice & Data	
46) 1618.7250 - 1626.5000	R	41K7Q7W	T	11.95	3.99	Handheld	DPSK	
47) 1618.7250 - 1626.5000	R	41K7Q7W	R			Handheld	DPSK	
48) 1618.7250 - 1626.5000	R	667KQ7W	T	6.40	-13.60	LIVETV	FDMA/TDMA/TDD	
49) 1618.7250 - 1626.5000	R	667KQ7W	R			LIVETV	FDMA/TDMA/TDD	
50) 1618.7250 - 1626.5000	R	333KQ7W	T	21.20	3.10	LandMobile	16 APSK Voice & Digital	
51) 1618.7250 - 1626.5000	R	83K3Q7W	T	14.50	2.40	LandMobile	QPSK Voice & Data	
52) 1618.7250 - 1626.5000	R	41K7Q7W	T	14.30	5.20	LandMobile	QPSK Voice & Data	
53) 1618.7250 - 1626.5000	R	41K7Q7W	T	11.70	2.70	LandMobile	QPSK Voice & Data	
54) 1618.7250 - 1626.5000	R	333KQ7W	T	14.30	-3.80	LandMobile	QPSK Voice & Data	
55) 1618.7250 - 1626.5000	R	333KQ7W	R			LandMobile	16 APSK Voice & Digital	
56) 1618.7250 - 1626.5000	R	83K3Q7W	R			LandMobile	QPSK Voice & Data	
57) 1618.7250 - 1626.5000	R	41K7Q7W	R			LandMobile	QPSK Voice & Data	
58) 1618.7250 - 1626.5000	R	333KQ7W	R			LandMobile	QPSK Voice & Data	
59) 1618.7250 - 1626.5000	R	333KQ7W	T	21.20	3.10	Maritime	16 APSK Voice & Digital	
60) 1618.7250 - 1626.5000	R	83K3Q7W	T	14.50	2.40	Maritime	QPSK Voice & Data	
61) 1618.7250 - 1626.5000	R	41K7Q7W	T	14.30	5.20	Maritime	QPSK Voice & Data	
62) 1618.7250 - 1626.5000	R	41K7Q7W	T	11.70	2.70	Maritime	QPSK Voice & Data	
63) 1618.7250 - 1626.5000	R	333KQ7W	T	14.30	-3.80	Maritime	QPSK Voice & Data	
64) 1618.7250 - 1626.5000	R	333KQ7W	R			Maritime	16 APSK Voice & Digital	
65) 1618.7250 - 1626.5000	R	83K3Q7W	R			Maritime	QPSK Voice & Data	
66) 1618.7250 - 1626.5000	R	41K7Q7W	R			Maritime	QPSK Voice & Data	
67) 1618.7250 - 1626.5000	R	333KQ7W	R			Maritime	QPSK Voice & Data	
68) 1618.7250 - 1626.5000	R	667KQ7W	R			OpenPort1	FDMA/TDMA/TDD	
69) 1618.7250 - 1626.5000	R	667KQ7W	T	9.40	-10.60	OpenPort1	FDMA/TDMA/TDD	



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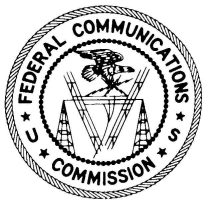
**C) Frequency Coordination**

#	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)	1618.7250 - 1626.5000	NGSO							Handheld
2)	1618.7250 - 1626.5000	NGSO							OpenPort1
3)	1618.7250 - 1626.5000	NGSO							LIVETV
4)	1618.7250 - 1626.5000	NGSO							AMS(R)S-1
5)	1618.7250 - 1626.5000	NGSO							AMS(R)S-2
6)	1618.7250 - 1626.5000	NGSO							AMS(R)S-3
7)	1618.7250 - 1626.5000	NGSO							AMS(R)S-4
8)	1618.7250 - 1626.5000	NGSO							AMS(R)S-5
9)	1618.7250 - 1626.5000	NGSO							AMS(R)S-6
10)	1618.7250 - 1626.5000	NGSO							AMS(R)S-7
11)	1618.7250 - 1626.5000	NGSO							AMS(R)S-8
12)	1618.7250 - 1626.5000	NGSO							AMS(R)S-9
13)	1618.7250 - 1626.5000	NGSO		8.2 - 8.2				1.7	Aero 1-T
14)	1618.7250 - 1626.5000	NGSO		8.2 - 8.2				1.7	Aero 2-T
15)	1618.7250 - 1626.5000	NGSO		8.2 - 8.2				1.7	Aero 1-C
16)	1618.7250 - 1626.5000	NGSO		8.2 - 8.2				1.7	Maritime
17)	1618.7250 - 1626.5000	NGSO		8.2 - 8.2				1.7	LandMobile

**D) Point of Communications**

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

- 1) METS to IRIDIUM NGSO MSS (S2110) (U.S.-licensed)
- 2) OpenPort to IRIDIUM NGSO MSS (S2110) (U.S.-licensed)
- 3) LiveTV to IRIDIUM NGSO MSS (S2110) (U.S.-licensed)
- 4) AMS(R)S to IRIDIUM NGSO MSS (S2110) (U.S.-licensed)
- 5) Iridium Certus to IRIDIUM NGSO MSS (S2110) (U.S.-licensed)



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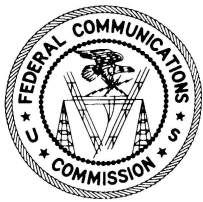
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**E) Antenna Facilities**

Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
AMS(R)S	AMS(R)S-1	20000	0.21	Aero Antenna	AT1621-23 Dual Patch			
Max Gains(s):2.0 dBi @ 1.6210 GHz								
Maximum total input power at antenna flange (Watts) = 5.16								
Maximum aggregate output EIRP for all carriers (dBW)9.0								
AMS(R)S	AMS(R)S-2	1	0.089	Aero Antenna	AT2775-110 Single Pa			
Max Gains(s):1.0 dBi @ 1.6210 GHz								
Maximum total input power at antenna flange (Watts) = 5.16								
Maximum aggregate output EIRP for all carriers (dBW)8.0								
AMS(R)S	AMS(R)S-3	1	0.089	Sensor Systems	S67-1575-409 Single			
Max Gains(s):2.0 dBi @ 1.6210 GHz								
Maximum total input power at antenna flange (Watts) = 5.16								
Maximum aggregate output EIRP for all carriers (dBW)9.0								
AMS(R)S	AMS(R)S-4	1	0.21	Sensor Systems	S67-1575-365 Dual Pa			
Max Gains(s):2.0 dBi @ 1.6210 GHz								
Maximum total input power at antenna flange (Watts) = 5.16								
Maximum aggregate output EIRP for all carriers (dBW)9.0								
AMS(R)S	AMS(R)S-5	1	0.21	Sensor Systems	S67-1575-168 Singl			
Max Gains(s):-1.0 dBi @ 1.6210 GHz								
Maximum total input power at antenna flange (Watts) = 5.16								
Maximum aggregate output EIRP for all carriers (dBW)6.0								
AMS(R)S	AMS(R)S-6	1	0.21	Sensor Systems	S67-1575-160 Single			
Max Gains(s):2.0 dBi @ 1.6210 GHz								
Maximum total input power at antenna flange (Watts) = 5.16								
Maximum aggregate output EIRP for all carriers (dBW)9.0								
AMS(R)S	AMS(R)S-7	1	0.089	Cobham	Comant CI 490-1 Sing			
Max Gains(s):2.0 dBi @ 1.6210 GHz								
Maximum total input power at antenna flange (Watts) = 5.16								
Maximum aggregate output EIRP for all carriers (dBW)9.0								



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AMS(R)S AMS(R)S-8 1 0.0010 Antcom S4IR16RR-P-XX-X Sing

Max Gains(s):1.5 dBi @ 1.6210 GHz  
 Maximum total input power at antenna flange (Watts) = 5.16  
 Maximum aggregate output EIRP for all carriers (dBW)8.5

AMS(R)S AMS(R)S-9 1 0.102 Antcom S5GIR121RR-AP-XTN Si

Max Gains(s):1.5 dBi @ 1.6210 GHz  
 Maximum total input power at antenna flange (Watts) = 5.16  
 Maximum aggregate output EIRP for all carriers (dBW)8.5

Iridium Certus Aero 1-C 10000 0.312 Cobham General Aviation

Max Gains(s):11.8 dBi @ 1.6210 GHz  
 Maximum total input power at antenna flange (Watts) = 57.5  
 Maximum aggregate output EIRP for all carriers (dBW)27.7

Iridium Certus Aero 1-T 10000 0.312 Thales General Aviation

Max Gains(s):11.8 dBi @ 1.6210 GHz  
 Maximum total input power at antenna flange (Watts) = 57.5  
 Maximum aggregate output EIRP for all carriers (dBW)27.7

Iridium Certus Aero 2-T 10000 0.312 Thales AMS(R)S

Max Gains(s):11.8 dBi @ 1.6210 GHz  
 Maximum total input power at antenna flange (Watts) = 57.5  
 Maximum aggregate output EIRP for all carriers (dBW)27.7

METS Handheld 200000 0.0 MOTOROLA (200,000) TIME DOMAIN DUPLEX 0.0 AGL/ 0.0 AMSL

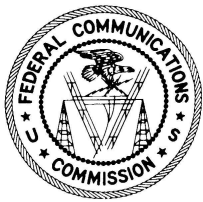
Max Gains(s):3.5 dBi @ 1.6210 GHz  
 Maximum total input power at antenna flange (Watts) = 7.0  
 Maximum aggregate output EIRP for all carriers (dBW)11.95

LiveTV LIVETV 50000 0.407 LIVETV LV16-100301-101

Max Gains(s):7.7 dBi @ 1.6210 GHz  
 Maximum total input power at antenna flange (Watts) = 0.74  
 Maximum aggregate output EIRP for all carriers (dBW)10.7

Iridium Certus LandMobile 10000 0.312 Various Various

Max Gains(s):11.8 dBi @ 1.6210 GHz  
 Maximum total input power at antenna flange (Watts) = 57.5  
 Maximum aggregate output EIRP for all carriers (dBW)27.7



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Iridium Certus Maritime 10000 0.312 Various Various

Max Gains(s):11.8 dBi @ 1.6210 GHz

Maximum total input power at antenna flange (Watts) = 57.5

Maximum aggregate output EIRP for all carriers (dBW)27.7

OpenPort OpenPort1 50000 0.525 CELESTICA AT7521-2-A

Max Gains(s):10.7 dBi @ 1.6210 GHz

Maximum total input power at antenna flange (Watts) = 0.74

Maximum aggregate output EIRP for all carriers (dBW)9.4

**F) Remote Control**

METS	8440 South River Parkway Tempe, Maricopa, AZ, 85284 240 515 0148	<b>Call Sign:</b>	N/A
OpenPort	8440 South River Parkway Tempe, Maricopa, AZ, 85284 (240) 515-0148	<b>Call Sign:</b>	E960131
LiveTV	8440 South River Parkway Tempe, Maricopa, AZ, 85284 (240) 515-0148	<b>Call Sign:</b>	E960131
AMS(R)S	8440 South River Parkway Tempe, Maricopa, AZ, 85284 1-480-752-5111	<b>Call Sign:</b>	N/A
Iridium Certus	8440 South River Parkway Tempe, Maricopa, AZ, 85284 1-480-752-5111	<b>Call Sign:</b>	E960131

**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.
- 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.
- 20 Iridium Certus antenna operations are authorized pursuant to the Commission's Order (DA 18-214) released March 6, 2018.
- 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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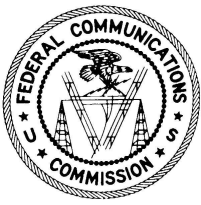
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**H) Special and General Provisions**

- 90145 The licensee must commence operations and notify the Commission within twelve months of the date of grant of this authorization. See 47 C.F.R. § 25.133(a)(2).
- 90263 The Max EIRP/Carrier for Antenna ID "Handheld" reflects the sum of the maximum flange power and the antenna gain. The Handheld Max EIRP Density/Carrier reflects the Max EIRP/Carrier (11.95 dBW) divided by the occupied bandwidth of 25kHz normalized to a 4kHz bandwidth.
- 90264 The Max EIRP/Carrier for Antenna ID "OpenPort" reflects the sum of the maximum flange power adjusted for the transmitted duty cycle and the antenna gain. The OpenPort Max EIRP Density/Carrier reflects the maximum EIRP (9.4 dBW) divided by 16 times the occupied subcarrier bandwidth of 25kHz, which each equals 400 kHz, normalized to a 4kHz bandwidth.
- 90265 The Max EIRP/Carrier for Antenna ID "LiveTV " reflects the sum of the maximum flange power adjusted for the transmitted duty cycle and the antenna gain. The Live TV Max EIRP Density/Carrier reflects the maximum EIRP (6.4 dBW) divided by carrier bandwidth of 25kHz normalized to a 4kHz segment.
- 90266 The Max EIRP/Carrier for Antenna ID "AMS(R)S-X" reflects the sum of the maximum flange power adjusted for the transmitted duty cycle and the antenna gain. The AMS(R)S Max EIRP Density/Carrier reflects the maximum EIRP (dBW) divided by occupied bandwidth of 35kHz normalized to a 4kHz.
- 90267 Operations are subject to ITU Radio Regulations 5.364, 5.365, 5.366, 5.367, and 5.368.
- 90268 Site ID AMS(R)S authorizes both AMSS and AMS(R)S operations. AMSR(S) operations are limited to remote, oceanic, and polar regions
- 90294 Operations shall comply with Section 25.213 of the Commission rules, 47 C.F.R. § 25.213.
- 90299 20,000 AMS(R)S terminals are authorized for operation aboard U.S commercial aircraft, wherever located, and aboard non-U.S. commercial aircraft located in U.S. and over adjacent waters.
- 90398 Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)
- 90399 The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307(b) and 1.1310. Physical measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.





**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
Unofficial Copy

**Name:** IRIDIUM CARRIER SERVICES LLC

**Call Sign:** E960622  
**File Number:** SES-MOD-20170413-00389

**Authorization Type:** Modification of License  
Common Carrier **Grant Date:** 03/06/2018 **Expiration Date:** 10/30/2021

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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.**