



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02488

Wednesday August 3, 2022

Satellite Communications Services Information

re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-LIC-20211112-01805 E E210427 GCI Communication Corp.

Application for Authority

07/29/2022 - 07/29/2037

Grant of Authority

Date Effective: 07/29/2022

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: 0.98M

LOCATION: Various Locations in AK & CONUS

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	0.98M	0.98 meters	Global Skyware	988
29400.0000 - 30000.0000 MHz	2M00G7W -	54.10 dBW	Phase modulated video, voice and data.	
29400.0000 - 30000.0000 MHz	500MG7W	63.62 dBW	Phase modulated video, voice and data.	
19700.0000 - 20200.0000 MHz	2M00G7W -		Phase modulated video, voice and data.	
19700.0000 - 20200.0000 MHz	500MG7W		Phase modulated video, voice and data.	
29400.0000 - 30000.0000 MHz	2M00D7W-	54.10 dBW	Phase and amplitude modulated video, voice and data.	
29400.0000 - 30000.0000 MHz	500MD7W	63.62 dBW	Phase and amplitude modulated video, voice and data.	
19700.0000 - 20200.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.	

19700.0000 - 20200.0000 MHz	500MD7W			Phase and amplitude modulated video, voice and data.
28350.0000 - 28600.0000 MHz	2M00G7W -	53.95 dBW		Phase modulated video, voice and data.
28350.0000 - 28600.0000 MHz	250MG7W	63.62 dBW		Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00G7W -			Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MG7W			Phase modulated video, voice and data.
28350.0000 - 28600.0000 MHz	2M00D7W-	53.95 dBW		Phase and amplitude modulated video, voice and data.
28350.0000 - 28600.0000 MHz	25M0D7W	63.62 dBW		Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00D7W-			Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MD7W			Phase and amplitude modulated video, voice and data.
SITE ID: 1.0M LOCATION: Various Locations in AK & CONUS 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.				
ANTENNA ID: 1.0M	1 meters	CPI		C100FM
29400.0000 - 30000.0000 MHz	2M00G7W-	53.10 dBW		Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MG7W	64.38 dBW		Phase modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00G7W-			Phase modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MG7W			Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	2M00D7W-	53.10 dBW		Phase and amplitude modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MD7W	64.38 dBW		Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00D7W-			Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MD7W			Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00G7W-			Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MG7W			Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00D7W-			Phase and amplitude modulated video, voice and data.

18300.0000 - 18800.0000 MHz	500MD7W	Phase and amplitude modulated video, voice and data.
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SITE ID: 1.25M

LOCATION: Various Locations in AK & CONUS

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1.25M	1.25 meters	CPI	C125FM
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29400.0000 - 30000.0000 MHz	2M00G7W -	56.00 dBW	Phase modulated video, voice and data.
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29400.0000 - 30000.0000 MHz	500MG7W	67.95 dBW	Phase modulated video, voice and data.
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19700.0000 - 20200.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
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19700.0000 - 20200.0000 MHz	500MG7W		Phase modulated video, voice and data.
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29400.0000 - 30000.0000 MHz	2M00D7W-	56.00 dBW	Phase and amplitude modulated video, voice and data.
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29400.0000 - 30000.0000 MHz	500MD7W	67.95 dBW	Phase and amplitude modulated video, voice and data.
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19700.0000 - 20200.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
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19700.0000 - 20200.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
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18300.0000 - 18800.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
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18300.0000 - 18800.0000 MHz	500MG7W		Phase modulated video, voice and data.
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18300.0000 - 18800.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
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18300.0000 - 18800.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
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SITE ID: 1.2MB

LOCATION: Various Locations in AK & CONUS

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1.2M_b	1.2 meters	Global Skyware	Type 127
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29400.0000 - 30000.0000 MHz	2M00G7W -	56.00 dBW	Phase modulated video, voice and data.
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29400.0000 - 30000.0000 MHz	500MG7W	67.28 dBW	Phase modulated video, voice and data.
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19700.0000 - 20200.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
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19700.0000 - 20200.0000 MHz	500MG7W		Phase modulated video, voice and data.
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29400.0000 - 30000.0000 MHz	2M00D7W-	56.00 dBW	Phase and amplitude modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MD7W	67.28 dBW	Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
28350.0000 - 28600.0000 MHz	2M00G7W -	55.83 dBW	Phase modulated video, voice and data.
28350.0000 - 28600.0000 MHz	250MG7W	67.28 dBW	Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MG7W		Phase modulated video, voice and data.
28350.0000 - 28600.0000 MHz	2M00D7W-	55.83 dBW	Phase and amplitude modulated video, voice and data.
28350.0000 - 28600.0000 MHz	250MD7W	67.28 dBW	Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.

SITE ID: 1.8MA

LOCATION: Various Locations in AK & CONUS
0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 1.8M_a 1.8 meters CPI C180FM

29400.0000 - 30000.0000 MHz	2M00G7W -	58.80 dBW	Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MG7W	74.06 dBW	Phase modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MG7W		Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	2M00D7W-	58.80 dBW	Phase and amplitude modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MD7W	74.06 dBW	Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.

19700.0000 - 20200.0000 MHz	500MD7W	Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00G7W-	Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MG7W	Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00D7W-	Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MD7W	Phase and amplitude modulated video, voice and data.

SITE ID: 1.8MB

LOCATION: Various Locations in AK & CONUS
0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1.8M_b	1.8 meters	CPI	3180
	29400.0000 - 30000.0000 MHz	2M00G7W -	58.90 dBW	Phase modulated video, voice and data.
	29400.0000 - 30000.0000 MHz	500MG7W	74.16 dBW	Phase modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	500MG7W		Phase modulated video, voice and data.
	29400.0000 - 30000.0000 MHz	2M00D7W-	58.90 dBW	Phase and amplitude modulated video, voice and data.
	29400.0000 - 30000.0000 MHz	500MD7W	74.16 dBW	Phase and amplitude modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
	18300.0000 - 18800.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
	18300.0000 - 18800.0000 MHz	500MG7W		Phase modulated video, voice and data.
	18300.0000 - 18800.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
	18300.0000 - 18800.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.

SITE ID: 1.8MC

LOCATION: Various Locations in AK & CONUS
0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1.8M_c	1.8 meters	Global Skyware	1815
	29400.0000 - 30000.0000 MHz	2M00G7W -	59.00 dBW	Phase modulated video, voice and data.
	29400.0000 - 30000.0000 MHz	500MG7W	74.26 dBW	Phase modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	500MG7W		Phase modulated video, voice and data.
	29400.0000 - 30000.0000 MHz	2M00D7W-	59.00 dBW	Phase and amplitude modulated video, voice and data.
	29400.0000 - 30000.0000 MHz	500MD7W	74.26 dBW	Phase and amplitude modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
	28350.0000 - 28600.0000 MHz	2M00G7W -	58.52 dBW	Phase modulated video, voice and data.
	18300.0000 - 18800.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
	18300.0000 - 18800.0000 MHz	500MG7W		Phase modulated video, voice and data.
	28350.0000 - 28600.0000 MHz	2M00D7W-	58.52 dBW	Phase and amplitude modulated video, voice and data.
	28350.0000 - 28600.0000 MHz	250MD7W	74.26 dBW	Phase and amplitude modulated video, voice and data.
	18300.0000 - 18800.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
	18300.0000 - 18800.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
	28350.0000 - 28600.0000 MHz	250MG7W	74.26 dBW	Phase modulated video, voice and data.
SITE ID:	1.2MA			
LOCATION:	Various Locations in AK & CONUS			
	0 ° 0 ' 0.00 " N LAT.		0 ° 0 ' 0.00 " W LONG.	
ANTENNA ID:	1.2M_a	1.2 meters	CPI	Series 3122
	29400.0000 - 30000.0000 MHz	2M00G7W -	55.90 dBW	Phase modulated video, voice and data.
	29400.0000 - 30000.0000 MHz	500MG7W	67.18 dBW	Phase modulated video, voice and data.
	19700.0000 - 20200.0000 MHz	2M00G7W -		Phase modulated video, voice and data.

19700.0000 - 20200.0000 MHz	500MG7W		Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	2M00D7W-	55.90 dBW	Phase and amplitude modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MD7W	67.18 dBW	Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MG7W		Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
SITE ID: 2.4MB LOCATION: Various Locations in AK & CONUS 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.			
ANTENNA ID: 2.4M_b	2.4 meters	Global Skyware	2415
29400.0000 - 30000.0000 MHz	2M00G7W -	61.00 dBW	Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MG7W	79.27 dBW	Phase modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00G7W -		Phase modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MG7W		Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	2M00D7W-	61.00 dBW	Phase and amplitude modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MD7W	79.27 dBW	Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00D7W-		Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MD7W		Phase and amplitude modulated video, voice and data.
28350.0000 - 28600.0000 MHz	2M00G7W -	60.58 dBW	Phase modulated video, voice and data.
28350.0000 - 28600.0000 MHz	250MG7W	79.27 dBW	Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00G7W -		Phase modulated video, voice and data.

18300.0000 - 18800.0000 MHz	500MG7W			Phase and amplitude modulated video, voice and data.
28350.0000 - 28600.0000 MHz	2M00D7W-	60.58 dBW		Phase and amplitude modulated video, voice and data.
28350.0000 - 28600.0000 MHz	250MD7W	79.27 dBW		Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00D7W-			Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MD7W			Phase and amplitude modulated video, voice and data.
SITE ID: 2.4MA LOCATION: Various Locations in AK & CONUS 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.				
ANTENNA ID: 2.4M_a	2.4 meters	CPI	3244	
29400.0000 - 30000.0000 MHz	2M00G7W-	60.80 dBW		Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MG7W	79.07 dBW		Phase modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00G7W-			Phase modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MG7W			Phase modulated video, voice and data.
29400.0000 - 30000.0000 MHz	2M00D7W-	60.80 dBW		Phase and amplitude modulated video, voice and data.
29400.0000 - 30000.0000 MHz	500MD7W	79.07 dBW		Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	2M00D7W-			Phase and amplitude modulated video, voice and data.
19700.0000 - 20200.0000 MHz	500MD7W			Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00G7W-			Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MG7W			Phase modulated video, voice and data.
18300.0000 - 18800.0000 MHz	2M00D7W-			Phase and amplitude modulated video, voice and data.
18300.0000 - 18800.0000 MHz	500MD7W			Phase and amplitude modulated video, voice and data.

Points of Communication:

0.98M - PERMITTED LIST - ()

2.4MB - PERMITTED LIST - ()

18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data
27500.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data
Points of Communication:			
Quincy WA Gateway - SPACEX (S2983/3018) - (NGSO)			
SES-LIC-20220614-00643	E E220098	Expedition Communications	
Application for Authority			07/28/2022 - 07/28/2037
Grant of Authority			Date Effective: 07/28/2022
Class of Station:	VSAT Network		
Nature of Service:	Fixed Satellite Service		
SITE ID:	REMOTE		
LOCATION:	221-B Chalan Palasyo, United States, Agana Heights, GU 13 ° 28 ' 4.08 " N LAT. 144 ° 44 ' 43.08 " E LONG.		
ANTENNA ID: 1	1.2 meters	AVL Tech	1258KFD
14000.0000 - 14500.0000 MHz	3M36G7W	45.50 dBW	QPSK - Voice and Data
11450.0000 - 11700.0000 MHz	3M36G7W	0.00 dBW	QPSK
Points of Communication:			
REMOTE - HORIZONS-3 (S2947) - (169 E.L.)			
REMOTE - PERMITTED LIST - ()			
SES-MFS-20211108-01799	E KB34	Comsat, Inc.	
Modification			06/15/2010 - 06/15/2025
Grant of Authority			Date Effective: 07/27/2022
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service, Mobile Satellite Service		
SITE ID:	1		
LOCATION:	7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA 34 ° 24 ' 5.00 " N LAT. 119 ° 4 ' 29.40 " W LONG.		
ANTENNA ID: 12.8M	12.8 meters	PHILCO-FORD	42 FT.
5925.0000 - 6425.0000 MHz	18M0F8F-	82.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	87.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	83.30 dBW	DIGITAL VIDEO

5925.0000 - 6425.0000 MHz	72M0G7W	87.80 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	60.70 dBW	DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE, AND DATA
1638.3500 - 1639.8500 MHz	N0N	33.00 dBW	CW; PILOT
1638.3500 - 1639.8500 MHz	10K0G1E	42.00 dBW	PSK; TEST CARRIERS
1536.8500 - 1538.3500 MHz	5K00G1E		PSK; TEST CARRIERS
1642.3500 - 1643.3500 MHz	N0N	33.00 dBW	CW; PILOT
1642.3500 - 1643.3500 MHz	10K0G1E	42.00 dBW	PSK; TEST CARRIERS
1540.8500 - 1541.8500 MHz	5K00G1E		PSK; TEST CARRIERS
3950.6000 - 3950.6000 MHz	800KFXD		FSK
6421.5000 - 6422.3000 MHz	800KFXD	80.00 dBW	FSK
6423.5000 - 6424.3000 MHz	800KFXD	80.00 dBW	FSK
6339.5000 - 6340.3000 MHz	800KFXD	73.00 dBW	FSK
6341.5000 - 6342.3000 MHz	800KFXD	73.00 dBW	FSK
3628.5000 - 3629.3000 MHz	800KFXD		FSK
3607.2500 - 3607.2500 MHz	NON		CW
ANTENNA ID: 12.8M2	12.8 meters	PHILCO-FORD	42 FT.
6440.0000 - 6443.0000 MHz	600HG1D	70.00 dBW	AERO
6440.0000 - 6443.0000 MHz	1K20G1D	70.00 dBW	AERO
6440.0000 - 6443.0000 MHz	2K40G1D	70.00 dBW	AERO
6440.0000 - 6443.0000 MHz	10K5G1E	70.00 dBW	AERO

6425.0000 - 6443.0000 MHz	NON	70.00 dBW	Communications System Monitoring (CSM)
6425.0000 - 6443.0000 MHz	600KFXN	70.00 dBW	CSM
6425.0000 - 6440.0000 MHz	NON	77.00 dBW	PILOT
6425.0000 - 6440.0000 MHz	30K0F3E	77.00 dBW	
6425.0000 - 6440.0000 MHz	600HG1D	77.00 dBW	
6425.0000 - 6440.0000 MHz	1K20G1D	77.00 dBW	
6420.0000 - 6424.0000 MHz	24K0F3E	67.00 dBW	
6420.0000 - 6424.0000 MHz	2K50G1D	68.00 dBW	
6420.0000 - 6424.0000 MHz	24K0G1D	65.00 dBW	
6420.0000 - 6424.0000 MHz	24K0F3E	77.00 dBW	AFRTS audio program channel services vis satellite at 176.5 degrees East
6417.0000 - 6443.0000 MHz	4K00G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	4K00G1D	77.00 dBW	
6417.0000 - 6443.0000 MHz	6K00G1D	77.00 dBW	
6417.0000 - 6443.0000 MHz	7K50G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	12K0G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	12K0G1D	77.00 dBW	
6416.0000 - 6418.0000 MHz	600KFXN	75.00 dBW	TT&C / MARECS
6416.0000 - 6418.0000 MHz	900KF2D	75.00 dBW	TT&C / MARECS
6174.6000 - 6175.4000 MHz	800KFXD	85.00 dBW	
6170.0000 - 6180.0000 MHz	900KF2D	89.00 dBW	TT&C / INMARSAT II
5927.0000 - 5927.0000 MHz	800KFXD	85.00 dBW	
5925.0000 - 6425.0000 MHz	34M0FXN	85.00 dBW	
4195.0000 - 4199.0000 MHz	24K0F3E		
4195.0000 - 4199.0000 MHz	2K50G1D		
4195.0000 - 4199.0000 MHz	24K0G1D		

4192.5000 - 4200.0000 MHz	3K00G1D	
4192.5000 - 4200.0000 MHz	4K00G1D	
4192.5000 - 4200.0000 MHz	4K00G3E	
4192.5000 - 4200.0000 MHz	7K50G3E	
4192.5000 - 4200.0000 MHz	12K0G1D	
4192.5000 - 4200.0000 MHz	12K0G3E	
4192.5000 - 4200.0000 MHz	NON	PILOT
4192.5000 - 4200.0000 MHz	600HG1D	
4192.5000 - 4200.0000 MHz	1K20G1D	
4192.5000 - 4200.0000 MHz	4K80G1D	
4188.0000 - 4189.0000 MHz	1K00G1D	TT&C / MARECS
3954.5000 - 3954.5000 MHz	1K00G1D	
3954.5000 - 3954.5000 MHz	14K5F2D	
3945.5000 - 3945.5000 MHz	1K00G1D	
3945.5000 - 3945.5000 MHz	1K00G1D	
3945.5000 - 3945.5000 MHz	14K5F2D	
3945.0000 - 3955.0000 MHz	1K00G1D	TT&C / INMARSAT II
3700.5000 - 3700.5000 MHz	1K00G1D	
3620.0000 - 3623.0000 MHz	600HG1D	AERO
3620.0000 - 3623.0000 MHz	1K20G1D	AERO
3620.0000 - 3623.0000 MHz	2K40G1D	AERO
3620.0000 - 3623.0000 MHz	10K5G1E	AERO
3600.0000 - 3623.0000 MHz	NON	CSM
3600.0000 - 3623.0000 MHz	300KFXN	CSM
3600.0000 - 3623.0000 MHz	3K00G1D	
3600.0000 - 3623.0000 MHz	4K00G1D	

3600.0000 - 3623.0000 MHz	4K00G3E		
3600.0000 - 3623.0000 MHz	7K50G3E		
3600.0000 - 3623.0000 MHz	12K0G1D		
3600.0000 - 3623.0000 MHz	12K0G3E		
3600.0000 - 3620.0000 MHz	NON		PILOT
3600.0000 - 3620.0000 MHz	600HG1D		
3600.0000 - 3620.0000 MHz	4K80G1D		
3600.0000 - 3620.0000 MHz	30K0F3E		
1646.5000 - 1649.5000 MHz	600HG1D	15.00 dBW	AERO
1646.5000 - 1649.5000 MHz	1K20G1D	18.00 dBW	AERO
1646.5000 - 1649.5000 MHz	2K40G1D	21.00 dBW	AERO
1646.5000 - 1649.5000 MHz	10K5G1E	27.00 dBW	AERO
1626.5000 - 1649.5000 MHz	300KFXN	62.00 dBW	CSM
1626.5000 - 1649.5000 MHz	NON	62.00 dBW	PILOT
1626.5000 - 1646.5000 MHz	NON	37.00 dBW	PILOT
1626.5000 - 1646.5000 MHz	600HG1D	16.00 dBW	CSM
1626.5000 - 1646.5000 MHz	1K20G1D	16.00 dBW	CSM
1626.5000 - 1646.5000 MHz	4K80G1D	37.00 dBW	CSM
1626.5000 - 1646.5000 MHz	30K0F3E	37.00 dBW	CSM
1545.0000 - 1548.0000 MHz	600HG1D		AERO
1545.0000 - 1548.0000 MHz	1K20G1D		AERO
1545.0000 - 1548.0000 MHz	2K40G1D		AERO
1545.0000 - 1548.0000 MHz	10K5G1E		AERO
1530.0000 - 1548.0000 MHz	NON		CSM
1530.0000 - 1548.0000 MHz	600KFXN		CSM
1530.0000 - 1545.0000 MHz	NON		PILOT

1530.0000 - 1545.0000 MHz	600HG1D		CSM
1530.0000 - 1545.0000 MHz	1K20G1D		CSM
1530.0000 - 1545.0000 MHz	30K0F3E		CSM
6421.5000 - 6423.5000 MHz	800KFXD	80.00 dBW	FSK; OMNI TT&C
6421.5000 - 6423.5000 MHz	800KFXD	80.00 dBW	FSK; OMNI TT&C
6339.5000 - 6341.5000 MHz	800KFXD	73.00 dBW	FSK; GLOBAL TT&C
3950.6000 - 3950.6000 MHz	800KFXD		FSK; TM1
3628.5000 - 3628.5000 MHz	800KFXD		FSK; AUS TM
3607.2500 - 3607.2500 MHz	N0N		CW; TRACKING
ANTENNA ID: 10.4M.	10.4 meters	PHILCO-FORD	34 FT.
6420.0000 - 6424.0000 MHz	24K0F3E	67.00 dBW	
6420.0000 - 6424.0000 MHz	2K50G1D	68.00 dBW	
6420.0000 - 6424.0000 MHz	24K0G1D	65.00 dBW	
6174.6000 - 6175.4000 MHz	800KFXD	85.00 dBW	
5927.0000 - 5927.0000 MHz	800KFXD	85.00 dBW	
5925.0000 - 6425.0000 MHz	34M0FXN	85.00 dBW	
5925.0000 - 6425.0000 MHz	36M0F8F	80.00 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	80.00 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	85.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	80.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	85.30 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	58.20 dBW	DIGITAL VOICE, AND DATA
4195.0000 - 4199.0000 MHz	24K0F3E		
4195.0000 - 4199.0000 MHz	2K50G1D		
4195.0000 - 4199.0000 MHz	24K0G1D		
3954.5000 - 3954.5000 MHz	1K00G1D		

3954.5000 - 3954.5000 MHz	14K5F2D			
3945.5000 - 3945.5000 MHz	1K00G1D			
3945.5000 - 3945.5000 MHz	1K00G1D			
3945.5000 - 3945.5000 MHz	14K5F2D			
3700.5000 - 3700.5000 MHz	1K00G1D			
3700.0000 - 4200.0000 MHz	36M0F8F			ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-			ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F			DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-			DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W			DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-			DIGITAL VOICE, AND DATA
ANTENNA ID: SAPA13	10.4 meters	PHILCO-FORD		34 FT.
5925.0000 - 6425.0000 MHz	34M0F8W	82.50 dBW		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
6424.0000 - 6454.0000 MHz	34K0F3E	59.50 dBW		FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	27K0F3W	59.50 dBW		FM9 ANALOG BROADCAST CARRIER
6424.0000 - 6454.0000 MHz	40K0G1W	60.80 dBW		16 QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	59.50 dBW		QPSK, DIGITAL VIDEO DATA
6424.0000 - 6454.0000 MHz	NON	59.50 dBW		UNMDULATED AFC PILOT
5927.0000 - 5927.0000 MHz	NON	50.80 dBW		TT&C RANGING CARRIER
6424.0000 - 6454.0000 MHz	5K60G1E	53.20 dBW		QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	58.60 dBW		QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	5K60G1D	52.30 dBW		QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	2K40G7D	48.60 dBW		QPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	24K0G1W	58.60 dBW		QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	132KG7D	59.50 dBW		QPSK, DATA/TDM

6424.0000 - 6454.0000 MHz	2M20G1D	71.70 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2K40G1D	48.60 dBW	BPSK, DATA
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPOUNDED AND UNCOMPOUNDED
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA (NAVIGATION)
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3600.0000 - 3629.0000 MHz	40K0G1W		16 QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO DATA
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT
3600.0000 - 3629.0000 MHz	5K60G1E		BPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		BPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1W		BPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1W		BPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3500.0000 - 3629.0000 MHz	24KOG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	2K40G1D		BPSK, DATA
ANTENNA ID: SAPA 13L	1.8 meters	PHILCO-FORD	1.8M.
1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA-CLOSE LOOP
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA-CLOSE LOOP
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	400K0G1W		TEST 16 QAM DIGITAL TELEPHONY

1525.0000 - 1559.0000 MHz	400KG1F	TEST QPSK, DIGITAL VIDEO DATA
1525.0000 - 1559.0000 MHz	5K60G1E	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	5K60G1W	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	24K0G7D	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	24K0G1W	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	132KG7D	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	NON	UNMODULATED AFC PILOT
1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	24K0G1D	TEST BPSK, DATA

Points of Communication:

1 - CARABINER - (NGSO)

1 - INMARSAT 2F1 - (142 W.L.)

1 - INMARSAT 4F3 - (98.25 W.L.)

1 - ISAT List -

1 - PERMITTED LIST - ()

SES-MOD-20210922-01618	E KA272	SES Americom, Inc.	02/09/2010 - 02/09/2025
Application for Modification			Date Effective: 07/27/2022
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5990 SOLANO VERDE DRIVE, VENTURA, SOMIS, CA
34 ° 19 ' 31.00 " N LAT. 118 ° 59 ' 44.40 " W LONG.

ANTENNA ID:	C9R	9 meters	CPI	9.0KX
5925.0000 - 6425.0000 MHz	1M00F9D	78.08 dBW	TT&C	
5925.0000 - 6425.0000 MHz	NON	54.10 dBW	CW Carrier	
5925.0000 - 6425.0000 MHz	36M0G7W	80.59 dBW	Digital Data	
5925.0000 - 6425.0000 MHz	3M72G7W	80.58 dBW	Digital Data	

5925.0000 - 6425.0000 MHz	54M0G7W	80.59 dBW	Digital Data
5925.0000 - 6425.0000 MHz	72M0G7W	80.60 dBW	Digital Data
5925.0000 - 6425.0000 MHz	100KG7W	64.88 dBW	Digital Data
4000.0000 - 4200.0000 MHz	N0N	0.00 dBW	CW Carrier
4000.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Data
4000.0000 - 4200.0000 MHz	3M72G7W		Digital Data
4000.0000 - 4200.0000 MHz	54M0G7W		Digital Data
4000.0000 - 4200.0000 MHz	72M0G7W		Digital Data
4000.0000 - 4200.0000 MHz	100KG7W		Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20220609-00631 E E960622 Iridium Carrier Services LLC

Application for Modification

10/30/2021 - 10/30/2036

Grant of Authority

Date Effective: 08/02/2022

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: METS

LOCATION: (200,000) Mobile Earth station TerminalS Operating in the US&P, Mobile

ANTENNA ID: Handheld 0 meters MOTOROLA (200,000) TIME DOMAIN DUPLEX

1618.7250 - 1626.5000 MHz 41K7Q7W 11.95 dBW DPSK

1618.7250 - 1626.5000 MHz 41K7Q7W DPSK

SITE ID: OpenPort

LOCATION: (0.525 M.) 50,000 units, Mobile

ANTENNA ID: OpenPort1 0.525 meters CELESTICA AT7521-2-A

1618.7250 - 1626.5000 MHz 667KQ7W FDMA/TDMA/TDD

1618.7250 - 1626.5000 MHz 667KQ7W 9.40 dBW FDMA/TDMA/TDD

SITE ID: LiveTV

LOCATION: 0.407M. 50,000 units (LiveTV), Mobile

ANTENNA ID: LIVETV 0.407 meters LIVETV LV16-100301-101

	1618.7250 - 1626.5000 MHz	667KQ7W	6.40 dBW	FDMA/TDMA/TDD
	1618.7250 - 1626.5000 MHz	667KQ7W		FDMA/TDMA/TDD
SITE ID:	AMS(R)S			
LOCATION:	20,000 AMS(R)S terminals Operating aboard aircraft, Fairfax, McLean, VA			
ANTENNA ID:	AMS(R)S-1	0.21 meters	Aero Antenna	AT1621-23 Dual Patch
	1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-2	0.089 meters	Aero Antenna	AT2775-110 Single Pa
	1618.7250 - 1626.5000 MHz	41K7Q7W	8.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-3	0.089 meters	Sensor Systems	S67-1575-409 Single
	1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-4	0.21 meters	Sensor Systems	S67-1575-365 Dual Pa
	1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-5	0.21 meters	Sensor Systems	S67-1575-168 Singl
	1618.7250 - 1626.5000 MHz	41K7Q7W	6.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-6	0.21 meters	Sensor Systems	S67-1575-160 Single
	1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-7	0.089 meters	Cobham	Comant CI 490-1 Sing
	1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-8	0.001 meters	Antcom	S4IR16RR-P-XX-X Sing
	1618.7250 - 1626.5000 MHz	41K7Q7W	8.50 dBW	Voice and Data; DQPSK

1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-9	0.102 meters	Antcom	S5GIR121RR-AP-XTN Si
1618.7250 - 1626.5000 MHz	41K7Q7W	8.50 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
SITE ID: Iridium Certus			
LOCATION: 1750 Tysons Boulevard, Suite 1400	0.312M.	50,000 units, Fairfax, McLean, VA	
ANTENNA ID: Aero 1-T	0.312 meters	Thales	General Aviation
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1618.7250 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1618.7250 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1618.7250 MHz	333KQ7W		16 APSK Voice & Digital
1618.7250 - 1618.7250 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1618.7250 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1618.7250 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Aero 2-T	0.312 meters	Thales	AMS(R)S
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Aero 1-C	0.312 meters	Cobham	General Aviation

	1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID:	Maritime	0.312 meters	Various	Various
	1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID:	LandMobile	0.312 meters	Various	Various
	1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital

1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
SITE ID:	METS2		
LOCATION:	1750 Tysons Boulevard, Suite 1400 Various 50,000 units, handheld, Fairfax, McLean, VA		
ANTENNA ID:	Handheld2	Various	Various
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	DQPSK,, Data
1618.7250 - 1626.5000 MHz	41K7Q7W		DQPSK,, Data
Points of Communication:			
AMS(R)S - IRIDIUM CONSTELLATIO - (NGSO)			
Iridium Certus - IRIDIUM CONSTELLATIO - (NGSO)			
LiveTV - IRIDIUM (S2110) - (NGSO)			
METS - IRIDIUM (S2110) - (NGSO)			
METS2 - IRIDIUM CONSTELLATIO - (NGSO)			
OpenPort - IRIDIUM (S2110) - (NGSO)			
SES-RWL-20220125-00197	E E070023	DIRECTV Enterprises, LLC	
Renewal			03/14/2022 - 03/14/2037
Grant of Authority			Date Effective: 07/29/2022
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	401 W. DIRECWAY (SWDF KA4), COCHISE, BENSON, AZ		
	31 ° 58 ' 22.30 " N LAT.	110 ° 18 ' 17.75 " W LONG.	
ANTENNA ID:	SWDF KA1	9.1 meters	VIASAT
			LEOP-9
29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO / AUDIO
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO / AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W		PSK MOD DIGITAL VIDEO / AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W		PSK MOD DIGITAL VIDEO / AUDIO
ANTENNA ID:	SWDF KA2	9.1 meters	VIASAT
			LEOP-9
29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO / AUDIO

28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO / AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W		PSK MOD DIGITAL VIDEO / AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W		PSK MOD DIGITAL VIDEO / AUDIO

Points of Communication:

- 1 - DIRECTV 11 - (99.2 W.L.)
- 1 - DIRECTV T10 - (102.8)
- 1 - DIRECTV T12 - (102.725 W.)
- 1 - DIRECTV T9S (S2669) - (101 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - SPACEWAY 2 (S2133) - (138.9 W.L.)

SES-RWL-20220715-00761	E	E070143	Tribune Television New Orleans, Inc.	07/12/2022 - 07/12/2037
Renewal				Date Effective: 08/01/2022
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 6910 NETWORK PLACE, MARION, INDIANAPOLIS, IN
39 ° 52 ' 47.30 " N LAT. 86 ° 16 ' 36.20 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters Andrew Corp. ESA45

3700.0000 - 4200.0000 MHz 36M0G7F Compressed Digital Video

3700.0000 - 4200.0000 MHz 36M0F3F Standard Analog Video

Points of Communication:

- 1 - PERMITTED LIST - ()

SES-STA-20220514-00513	E	E220068	SpaceX Services, Inc.	
Special Temporary Authority				
Grant of Authority				Date Effective: 07/28/2022

Class of Station:

On July 28, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning July 29, 2022, to operate its fixed earth station in Elkton, MD with the non-geosynchronous orbit (NGSO) satellite constellation SpaceX Starlink (S2983/3018) in the 27.5-29.1 GHz and 29.5- 30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20220514-00518 E E220070 SpaceX Services, Inc.

Special Temporary Authority
Grant of Authority

Date Effective: 07/28/2022

Class of Station:

On July 28, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning July 29, 2022, to operate its fixed earth station in Charleston, SC with the non-geosynchronous orbit (NGSO) satellite constellation SpaceX Starlink (S2983/3018) in the 27.5-29.1 GHz and 29.5- 30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20220514-00535 E E220077 SpaceX Services, Inc.

Special Temporary Authority
Grant of Authority

Date Effective: 07/28/2022

Class of Station:

On July 28, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning July 29, 2022, to operate its fixed earth station in Savanna, OK with the non-geosynchronous orbit (NGSO) satellite constellation SpaceX Starlink (S2983/3018) in the 27.5-29.1 GHz and 29.5- 30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20220514-00547 E E220083 SpaceX Services, Inc.

Special Temporary Authority
Grant of Authority

Date Effective: 07/28/2022

Class of Station:

On July 28, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning July 29, 2022, to operate its fixed earth station in The Dalles, OR with the non-geosynchronous orbit (NGSO) satellite constellation SpaceX Starlink (S2983/3018) in the 27.5-29.1 GHz and 29.5- 30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20220514-00572 E E220081 SpaceX Services, Inc.

Special Temporary Authority
Grant of Authority

Date Effective: 07/28/2022

Class of Station:

On July 28, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning July 29, 2022, to operate its fixed earth station in Boynton, VA with the non-geosynchronous orbit (NGSO) satellite constellation SpaceX Starlink (S2983/3018) in the 27.5-29.1 GHz and 29.5- 30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20220524-00596 E Universal Space Network, Inc.

Special Temporary Authority
Grant of Authority

Date Effective: 07/28/2022

Class of Station:

On January 28, 2022, Universal Space Network, Inc. was granted special temporary authority, beginning on July 28, 2022 through January 13, 2023,, to operate a fixed earth station in Naalehu, HI to provide telemetry, tracking and command (TT&C) functions for the commercial space station USUVL spacecraft in the 2037.5 MHz (Earth-to-space), and 2235.0 MHz (space-to-Earth) center frequencies.

Points of Communication:

SES-STA-20220602-00612	E	Intelsat License LLC	
Special Temporary Authority			
Grant of Authority			Date Effective: 08/02/2022

Class of Station:

Administrative Grant to reflect continuing operations under Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20220708-00736	E	Intelsat License LLC	
Special Temporary Authority			
Grant of Authority			Date Effective: 07/28/2022

Class of Station:

On July 28, 2022, Intelsat License LLC was granted special temporary authority for 30 days, beginning on August 1, 2022, to operate two 0.3m flat panel antennas in McLean, VA, to test the antennas and use them in customer demonstrations. The operations will occur while the antennas are stationary and will operate with the Intelsat 37e (S2972) satellite, the SKY-B1 (S2922) satellite, and the Galaxy 18 (S2733) satellite in the 14.2-14.5 GHz (Earth-to-space), and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20220722-00794	E	DIRECTV Enterprises, LLC	
Special Temporary Authority			
Grant of Authority			Date Effective: 07/28/2022

Class of Station:

On July 28, 2022, DIRECTV Enterprises, LLC was granted special temporary authority for 30 days, beginning on July 29, 2022 through August 28, 2022, to operate two previously-licensed fixed earth stations located in Oakdale, MN, and Big Lake, MN to communicate with the satellites listed in the previous earth station licenses (SES-MFS-20140924-00763 and SES-MFS-20140924-00764) in the 29250-30000 MHz and 28350-28600 MHz (Earth-to-space), and 19700-20200 MHz and 18300-18800 MHz (space-to-Earth) frequency bands.

Points of Communication:

SURRENDER

SES-REG-20180725-01988	E181231	ELLIS COMMUNICATIONS KDOC LICENSEE, LLC
Registration surrendered by letter filed on 7/29/2022		
SES-RWL-20070710-00916	E870840	NBC Telemundo License LLC
License surrendered by letter filed on 7/25/2022		
SES-RWL-20070710-00917	E870839	NBC Telemundo License LLC
License surrendered by letter filed on 7/25/2022		
SES-RWL-20070710-00918	E870838	NBC Telemundo License LLC
License surrendered by letter filed on 7/25/2022		

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.