



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02486

Wednesday July 27, 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-20210304-00431	E	E210044	HNS License Sub, LLC	
Application for Authority				07/21/2022 - 07/21/2037
Grant of Authority				Date Effective: 07/21/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7550 US83 Frontage Rd., Hidalgo, Abilene, TX

ANTENNA ID: 1	1.6 meters	AVL Technologies	1.6 meter
20196.0000 - 20200.0000 MHz		400KG7D	Phase modulation
29997.0000 - 29997.0000 MHz		N0N	63.00 dBW
			CW, Tracking beacon

Points of Communication:

1 - ECHOSTAR XXIV(S3017) - (95.2 W.L.)

SES-LIC-20220608-00624	E	E220094	GCI Communication Corp.	
Application for Authority				07/26/2022 - 07/26/2037
Grant of Authority				Date Effective: 07/26/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Rmt CATG Fort Yukon
 LOCATION: 101 Spruce St., Fort Yukon, AK
 66 ° 34 ' 6.50 " N LAT.

145 ° 14 ' 43.20 " W LONG.

ANTENNA ID:	1	3.8 meters	CPI	2385	
3700.0000 - 4200.0000 MHz			45K0G7W -	Phase modulated voice, video, and data services.	
3700.0000 - 4200.0000 MHz			108MG7W	Phase modulated voice, video, and data services.	
5925.0000 - 6425.0000 MHz			45K0G7W -	67.80 dBW	Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz			108MG7W	67.80 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz			60K0D7W -	Phase and amplitude modulated voice, video, and data services.	
3700.0000 - 4200.0000 MHz			108MD7W	Phase and amplitude modulated voice, video, and data services.	
5925.0000 - 6425.0000 MHz			45K0D7W -	67.80 dBW	Phase and amplitude modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz			108MD7W	67.80 dBW	Phase and amplitude modulated voice, video, and data services.

Points of Communication:

Rmt CATG Fort Yukon - PERMITTED LIST - ()

SES-LIC-20220609-00640 E E220096 GCI Communication Corp.
 Application for Authority 07/26/2022 - 07/26/2037
 Grant of Authority Date Effective: 07/26/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Remote CATG Beaver
 LOCATION: 24030 Beaver St, Beaver, AK
 66 ° 21 ' 30.70 " N LAT.

147 ° 23 ' 52.40 " W LONG.

ANTENNA ID:	1	3.8 meters	CPI	2385	
3700.0000 - 4200.0000 MHz			45K0G7W -	Phase modulated voice, video, and data services.	
3700.0000 - 4200.0000 MHz			108MG7W	Phase modulated voice, video, and data services.	
5925.0000 - 6425.0000 MHz			45K0G7W -	67.80 dBW	Phase modulated voice, video, and data services.

5925.0000 - 6425.0000 MHz	108MG7W	67.80 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	60K0D7W		Phase and amplitude modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	108MD7W		Phase and amplitude modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	45K0D7W	67.80 dBW	Phase and amplitude modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	108MD7W	67.80 dBW	Phase and amplitude modulated voice, video, and data services.

Points of Communication:

Remote CATG Beaver - PERMITTED LIST - ()

SES-LIC-20220609-00641 E E220097 GCI Communication Corp.
 Application for Authority 07/26/2022 - 07/26/2037
 Grant of Authority Date Effective: 07/26/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Remote CATG Venetie
 LOCATION: 110 2nd St., Venetie, AK
 67 ° 0 ' 50.22 " N LAT. 146 ° 25 ' 1.33 " W LONG.

ANTENNA ID: 1	3.8 meters	CPI	2385
3700.0000 - 4200.0000 MHz	45K0G7W -		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	108MG7W		Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	45K0G7W -	67.80 dBW	Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	108MG7W	67.80 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	60K0D7W -		Phase and amplitude modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	108MD7W		Phase and amplitude modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	45K0D7W -	67.80 dBW	Phase and amplitude modulated voice, video, and data services
5925.0000 - 6425.0000 MHz	108MD7W	67.80 dBW	Phase and amplitude modulated voice, video, and data services

Points of Communication:

Remote CATG Venetic - PERMITTED LIST - ()

SES-MOD-20220413-00399 E E050308 Anuvu Licensing Holdings LLC
Application for Modification 12/06/2020 - 12/06/2035
Grant of Authority Date Effective: 07/22/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: B1

LOCATION: ROBERT H. MOLLOHAN RESEARCH CENTER 1000 GALLIHER DRIVE, MARION, FAIRMONT, WV
36 ° 26 ' 1.52 " N LAT. 80 ° 11 ' 25.55 " W LONG.

ANTENNA ID:	B1	7.3 meters	COMM & POWER INDUSTRIES	7.3M CASSEGRAIN	
	6332.0000 - 6425.0000 MHz		36M0G7D	74.20 dBW	Digital Video, Voice and Data
	6332.0000 - 6425.0000 MHz		6M35G7D	64.70 dBW	Digital Video, Voice and Data
	5925.0000 - 6300.0000 MHz		36M0G7D	74.20 dBW	Digital Video, Voice and Data
	5925.0000 - 6300.0000 MHz		6M35G7D	64.70 dBW	Digital Video, Voice and Data
	4000.0000 - 4200.0000 MHz		36M0G7D		Digital Video, Voice and Data
	4000.0000 - 4200.0000 MHz		6M35G7D		Digital Video, Voice and Data

Points of Communication:

B1 - PERMITTED LIST - ()

SES-MOD-20220525-00592 E E191628 Colorado West Broadcasting, Incorporated
Application for Modification 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 07/26/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: RED MOUNTAIN COMMUNICATIONS SIITE, Garfield, Glenwood Springs, CO
39 ° 31 ' 56.30 " N LAT. 107 ° 20 ' 31.30 " W LONG.

ANTENNA ID:	1	3.3 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW	Digital Audio

SITE ID: 2

LOCATION: 1140 Devereux Road, Garfield, Glenwood Springs, CO
39 ° 33 ' 20.50 " N LAT. 107 ° 20 ' 18.20 " W LONG.

ANTENNA ID:	2	3.3 meters	Unknown	Unknown
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Digital Audio

Points of Communication:

- 1 - SES-11 (S2964) - (104.95 W.L)
- 2 - SES-11 (S2964) - (104.95 W.L)

SES-MOD-20220526-00593	E E170143	SES Americom, Inc.	09/21/2017 - 09/21/2032
Application for Modification			Date Effective: 07/25/2022
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: LAR-TX-KA1
 LOCATION: 13619 Cabezut, Laredo, TX
 27 ° 41 ' 25.70 " N LAT. 99 ° 26 ' 59.00 " W LONG.

ANTENNA ID:	LAR-TX-KA1	6.3 meters	GD Satcom	6.3m Ka
	29500.0000 - 30000.0000 MHz		N0N	42.30 dBW
				Digital Data
	29500.0000 - 30000.0000 MHz		250MG7W	89.75 dBW
				Digital data
	29500.0000 - 30000.0000 MHz		201MG7W	89.75 dBW
				Digital data
	29500.0000 - 30000.0000 MHz		100KG7W	56.73 dBW
				Digital Data
	28350.0000 - 28600.0000 MHz		N0N	42.30 dBW
				CW
	28350.0000 - 28600.0000 MHz		250MG7W	89.38 dBW
				Digital Data
	28350.0000 - 28600.0000 MHz		201MG7W	89.38 dBW
				Digital Data
	28350.0000 - 28600.0000 MHz		100KG7W	56.36 dBW
				Digital Data
	19700.0000 - 20200.0000 MHz		250MG7W	
				Digital data
	19700.0000 - 20200.0000 MHz		N0N	
				Digital Data
	19700.0000 - 20200.0000 MHz		201MG7W	
				Digital data
	19700.0000 - 20200.0000 MHz		100KG7W	
				Digital data
	18550.0000 - 18800.0000 MHz		N0N	
				CW
	18550.0000 - 18800.0000 MHz		250MG7W	
				Digital data
	18550.0000 - 18800.0000 MHz		201MG7W	
				Digital data

18550.0000 - 18800.0000 MHz	100KG7W		Digital Data
29300.0000 - 29500.0000 MHz	N0N	42.30 dBW	CW
29300.0000 - 29500.0000 MHz	100KG7W	56.36 dBW	Digital data
29300.0000 - 29500.0000 MHz	183MG7W	89.38 dBW	Digital data
29300.0000 - 29500.0000 MHz	91M0G7W	86.80 dBW	Digital data
17800.0000 - 18300.0000 MHz	N0N		CW
18300.0000 - 18550.0000 MHz	N0N		CW
19300.0000 - 19400.0000 MHz	N0N		CW
19600.0000 - 19700.0000 MHz	N0N		CW
17800.0000 - 18300.0000 MHz	100KG7W		Digital data
17800.0000 - 18300.0000 MHz	201MG7W		Digital data
17800.0000 - 18300.0000 MHz	250MG7W		Digital data
18300.0000 - 18550.0000 MHz	100KG7W		Digital data
18300.0000 - 18550.0000 MHz	150MG7W		Digital data
18300.0000 - 18550.0000 MHz	225MG7W		Digital data
19300.0000 - 19400.0000 MHz	100KG7W		Digital data
19300.0000 - 19400.0000 MHz	36M0G7W		Digital data
19300.0000 - 19400.0000 MHz	72M0G7W		Digital data
19600.0000 - 19700.0000 MHz	100KG7W		Digital data
19600.0000 - 19700.0000 MHz	36M0G7W		Digital data
19600.0000 - 19700.0000 MHz	72M0G7W		Digital data

Points of Communication:

LAR-TX-KA1 - PERMITTED LIST - ()

SES-MOD-20220609-00629 E E960132 Iridium Satellite LLC
 Application for Modification
 Grant of Authority

11/01/2021 - 11/01/2036
 Date Effective: 07/25/2022

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: METS

LOCATION: (200,000) Handheld Operating in the US&P, Mobile

ANTENNA ID:	Handheld	0 meters	MOTOROLA (200,000)	TIME DOMAIN DUPLEX
	1618.7250 - 1626.5000 MHz		41K7Q7W	DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 11.95 dBW	DQPSK

SITE ID: OpenPort

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

ANTENNA ID:	OpenPort	0.525 meters	CELESTICA	AT7521-2-A
	1618.7250 - 1626.5000 MHz		667KQ7W 9.40 dBW	FDMA/TDMA/TDD
	1618.7250 - 1618.7250 MHz		667KQ7W	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		Aero Antenna	AT1621-23 Dual Patch
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	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	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 8.00 dBW	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	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK

ANTENNA ID:	AMS(R)S-6	0.21 meters	Sensor Systems	S67-1575-160 Single
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	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	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		Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-5	0.21 meters	Sensor Systems	S67-1575-168 Single
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W	6.00 dBW	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		Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	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		Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W	8.50 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-9	0.102 meters	Antcom	S5GIR121RR-AP-XTN Si
	1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz	41K7Q7W	8.50 dBW	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 QPSK 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 QPSK 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 2-T	0.312 meters	Thales	AMS(R)S
	1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 QPSK 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 QPSK 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 QPSK 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 QPSK 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 QPSK Voice & Digital
	1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Digital
	1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 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 QPSK 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 QPSK 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 QPSK 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-20220624-00691 E E070095 PSSI Global Services LLC

Renewal

07/11/2022 - 07/11/2037

Grant of Authority

Date Effective: 07/25/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 201 Browntown Road, Allegheny, New Kensington, PA

40 ° 32 ' 3.00 " N LAT.

79 ° 45 ' 18.00 " W LONG.

ANTENNA ID:	SA 4.5m/1	4.5 meters	Scientific Atlanta	8345	
14000.0000 - 14500.0000 MHz			178KG7D	55.78 dBW	DATA
14000.0000 - 14500.0000 MHz			1M00G7D	63.27 dBW	DATA
14000.0000 - 14500.0000 MHz			27M0G7D	77.59 dBW	DATA
14000.0000 - 14500.0000 MHz			2M00G7D	66.28 dBW	DATA
14000.0000 - 14500.0000 MHz			2M86G7D	67.84 dBW	DATA
14000.0000 - 14500.0000 MHz			358KG7D	58.80 dBW	DATA
14000.0000 - 14500.0000 MHz			4K00G7D	39.90 dBW	DATA
14000.0000 - 14500.0000 MHz			538KG7D	60.58 dBW	DATA
14000.0000 - 14500.0000 MHz			717KG7D	61.83 dBW	DATA
14000.0000 - 14500.0000 MHz			90K0G7D	52.82 dBW	DATA
14000.0000 - 14500.0000 MHz			9M00G7D	72.82 dBW	DATA
14000.0000 - 14500.0000 MHz			36M0F3F	80.80 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz			36M0G7D	78.84 dBW	DIGITAL VIDEO
11700.0000 - 12200.0000 MHz			178KG7D		DATA
11700.0000 - 12200.0000 MHz			1M00G7D		DATA
11700.0000 - 12200.0000 MHz			27M0G7D		DATA
11700.0000 - 12200.0000 MHz			2M00G7D		DATA
11700.0000 - 12200.0000 MHz			2M86G7D		DATA

11700.0000 - 12200.0000 MHz	358KG7D		DATA
11700.0000 - 12200.0000 MHz	4K00G7D		DATA
11700.0000 - 12200.0000 MHz	538KG7D		DATA
11700.0000 - 12200.0000 MHz	717KG7D		DATA
11700.0000 - 12200.0000 MHz	90K0G7D		DATA
11700.0000 - 12200.0000 MHz	9M00G7D		DATA
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7D		DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	4M80G7F		DIGITAL VIDEO
ANTENNA ID: 6.1m/2	6.1 meters	Vertex	6.1 KPK
14000.0000 - 14500.0000 MHz	178KG7D	58.48 dBW	DATA
14000.0000 - 14500.0000 MHz	1M00G7D	65.97 dBW	DATA
14000.0000 - 14500.0000 MHz	27M0G7D	80.29 dBW	DATA
14000.0000 - 14500.0000 MHz	2M00G7D	68.98 dBW	DATA
14000.0000 - 14500.0000 MHz	2M86G7D	70.54 dBW	DATA
14000.0000 - 14500.0000 MHz	358KG7D	61.50 dBW	DATA
14000.0000 - 14500.0000 MHz	4K00G7D	42.00 dBW	DATA
14000.0000 - 14500.0000 MHz	538KG7D	63.28 dBW	DATA
14000.0000 - 14500.0000 MHz	717KG7D	64.53 dBW	DATA
14000.0000 - 14500.0000 MHz	90K0G7D	55.52 dBW	DATA
14000.0000 - 14500.0000 MHz	9M00G7D	75.52 dBW	DATA
14000.0000 - 14500.0000 MHz	36M0F3F	83.50 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7D	81.54 dBW	DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	4M80G7D	72.79 dBW	DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	178KG7D		DATA
11700.0000 - 12200.0000 MHz	1M00G7D		DATA

11700.0000 - 12200.0000 MHz	27M0G7D		DATA
11700.0000 - 12200.0000 MHz	2M00G7D		DATA
11700.0000 - 12200.0000 MHz	2M86G7D		DATA
11700.0000 - 12200.0000 MHz	358KG7D		DATA
11700.0000 - 12200.0000 MHz	4K00G7D		DATA
11700.0000 - 12200.0000 MHz	538KG7D		DATA
11700.0000 - 12200.0000 MHz	717KG7D		DATA
11700.0000 - 12200.0000 MHz	90K0G7D		DATA
11700.0000 - 12200.0000 MHz	9M00G7D		DATA
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7D		DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	4M80G7D		DIGITAL VIDEO
ANTENNA ID: 6.1m/1	6.1 meters	Vertex	6.1 KPK
14000.0000 - 14500.0000 MHz	36M0F3F	83.50 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	4K00G7D	42.00 dBW	DATA
14000.0000 - 14500.0000 MHz	90K0G7D	55.52 dBW	DATA
14000.0000 - 14500.0000 MHz	178KG7D	58.48 dBW	DATA
14000.0000 - 14500.0000 MHz	358KG7D	61.50 dBW	DATA
14000.0000 - 14500.0000 MHz	538KG7D	63.28 dBW	DATA
14000.0000 - 14500.0000 MHz	717KG7D	64.53 dBW	DATA
14000.0000 - 14500.0000 MHz	1M00G7D	65.97 dBW	DATA
14000.0000 - 14500.0000 MHz	2M00G7D	68.98 dBW	DATA
14000.0000 - 14500.0000 MHz	2M86G7D	70.54 dBW	DATA
14000.0000 - 14500.0000 MHz	4M80G7F	72.79 dBW	DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	9M00G7D	75.52 dBW	DATA
14000.0000 - 14500.0000 MHz	27M0G7D	80.29 dBW	DATA

14000.0000 - 14500.0000 MHz	36M0G7D	81.54 dBW	DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	36M0F3F	0.00 dBW	ANALOG VIDEO
11700.0000 - 12200.0000 MHz	4K00G7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	90K0G7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	178KG7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	358KG7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	538KG7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	717KG7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	1M00G7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	2M00G7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	2M86G7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	4M80G7F	0.00 dBW	DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	9M00G7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	27M0G7D	0.00 dBW	DATA
11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	DIGITAL VIDEO

ANTENNA ID: SA 7m/1 7 meters Scientific Atlanta 8010

14000.0000 - 14500.0000 MHz	178KG7D	59.58 dBW	DATA
14000.0000 - 14500.0000 MHz	1M00G7D	67.07 dBW	DATA
14000.0000 - 14500.0000 MHz	27M0G7D	81.39 dBW	DATA
14000.0000 - 14500.0000 MHz	2M00G7D	70.08 dBW	DATA
14000.0000 - 14500.0000 MHz	2M86G7D	71.64 dBW	DATA
14000.0000 - 14500.0000 MHz	358KG7D	62.60 dBW	DATA
14000.0000 - 14500.0000 MHz	4K00G7D	43.10 dBW	DATA
14000.0000 - 14500.0000 MHz	538KG7D	64.38 dBW	DATA
14000.0000 - 14500.0000 MHz	717KG7D	65.63 dBW	DATA
14000.0000 - 14500.0000 MHz	90K0G7D	56.62 dBW	DATA

14000.0000 - 14500.0000 MHz	9M00G7D	76.62 dBW	DATA
14000.0000 - 14500.0000 MHz	36M0F3F	84.60 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7D	82.64 dBW	DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	4M80G7F	73.89 dBW	DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	4M80G7F	70.09 dBW	DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	178KG7D		DATA
11700.0000 - 12200.0000 MHz	1M00G7D		DATA
11700.0000 - 12200.0000 MHz	27M0G7D		DATA
11700.0000 - 12200.0000 MHz	2M00G7D		DATA
11700.0000 - 12200.0000 MHz	2M86G7D		DATA
11700.0000 - 12200.0000 MHz	358KG7D		DATA
11700.0000 - 12200.0000 MHz	4K00G7D		DATA
11700.0000 - 12200.0000 MHz	538KG7D		DATA
11700.0000 - 12200.0000 MHz	717KG7D		DATA
11700.0000 - 12200.0000 MHz	90K0G7D		DATA
11700.0000 - 12200.0000 MHz	9M00G7D		DATA
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7D		DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	4M80G7F		DIGITAL VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20220706-00722 E E860615 American Broadcasting Companies, Inc.

Renewal

07/10/2022 - 07/10/2037

Grant of Authority

Date Effective: 07/21/2022

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: ENTIRE USA POSSESSIONS, CONUS, AK, HI

ANTENNA ID:	1	1.5 meters	VERTEX	1.5 SMK-LT
	14000.0000 - 14500.0000 MHz	24M0G7F	62.10 dBW	PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20220706-00723	E	E070134	American Broadcasting Companies, Inc.	08/15/2022 - 08/15/2037
Renewal				Date Effective: 07/21/2022
Grant of Authority				

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	1.5 meters	VertexRSI	1.5 SMK-LT
	14000.0000 - 14500.0000 MHz	24M0G7F	62.24 dBW	PSK Digital Video w/digital audio/data
	14000.0000 - 14500.0000 MHz	36M0G7F	66.91 dBW	PSK Digital Video w/digital audio/data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20220711-00739	E	E860317	SES Americom, Inc.	08/28/2022 - 08/28/2037
Renewal				Date Effective: 07/21/2022
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: CARROLL, WOODBINE, MD
39 ° 22 ' 33.00 " N LAT. 77 ° 4 ' 52.00 " W LONG.

ANTENNA ID:	1	3.7 meters	ANDREW CORPORATION	ESA37-124
	14000.0000 - 14500.0000 MHz	30K0G1W	38.90 dBW	
	14000.0000 - 14500.0000 MHz	54M0G1W	76.77 dBW	DIGITAL DATA AND VIDEO
	11700.0000 - 12200.0000 MHz	30K0G1W		
	11700.0000 - 12200.0000 MHz	54M0G1W		DIGITAL DATA AND VIDEO

Points of Communication:

	3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	51K2G7W-		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
ANTENNA ID: 1B	9 meters	Vertex		KPC
	5925.0000 - 6425.0000 MHz	36M0G8W	80.00 dBW	Standard Analog Video with Associated Audio Sub Carriers
	5925.0000 - 6425.0000 MHz	36M0G7W	80.20 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	5925.0000 - 6425.0000 MHz	51K2G7W-	51.80 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	51K2G7W-		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
ANTENNA ID: 1A	9 meters	Vertex		KPC
	5925.0000 - 6425.0000 MHz	36M0G8W	80.00 dBW	Standard Analog Video with Associated Audio Sub Carriers
	5925.0000 - 6425.0000 MHz	36M0G7W	80.20 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	5925.0000 - 6425.0000 MHz	51K2G7W-	51.80 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	51K2G7W-		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.

Points of Communication:

Woodlands #3 - PERMITTED LIST - ()

SES-RWL-20220713-00749 E E861088 FEDERAL EXPRESS CORPORATION
Renewal 07/17/2022 - 07/17/2037
Grant of Authority Date Effective: 07/21/2022

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 3650 HACKS CROSS ROAD, BUILDING E (FXTV), SHELBY, MEMPHIS, TN
35 ° 2 ' 59.00 " N LAT. 89 ° 47 ' 33.00 " W LONG.

ANTENNA ID:	FXTV	6.3 meters	6.VERTEXRSI	6.3KPK120
	14000.0000 - 14500.0000 MHz	36M0G7W	74.00 dBW	QPSK FOR A MCPC DIGITAL VIDEO CARRIER
	14000.0000 - 14500.0000 MHz	36M0G7D	68.10 dBW	
	11700.0000 - 12200.0000 MHz	36M0G7W		RECEPTION OF QPSK FOR A MCPC DIGITAL VIDEO CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20220713-00750 E E070130 Disney Streaming Services LLC
Renewal 09/05/2022 - 09/05/2037
Grant of Authority Date Effective: 07/21/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4000 TECHNOLOGY FOREST BLVD. (Woodlands#1), MONTGOMERY, THE WOODLANDS, TX
30 ° 10 ' 50.00 " N LAT. 95 ° 29 ' 3.00 " W LONG.

ANTENNA ID:	5B	9 meters	VERTEX	KPC
	5925.0000 - 6425.0000 MHz	36M0G8W	80.00 dBW	Standard Analog Video with Associated Audio Sub Carriers
	5925.0000 - 6425.0000 MHz	36M0G7W	80.03 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.

	5925.0000 - 6425.0000 MHz	51K2G7W-	51.80 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	51K2G7W-		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
ANTENNA ID: 4B	9 meters	VERTEX		KPC
	5925.0000 - 6425.0000 MHz	36M0G8W	80.00 dBW	Standard Analog Video with Associated Audio Sub Carriers
	5925.0000 - 6425.0000 MHz	36M0G7W	80.03 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	5925.0000 - 6425.0000 MHz	51K2G7W-	51.80 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	51K2G7W-		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
ANTENNA ID: 4A	9 meters	VERTEX		KPC
	5925.0000 - 6425.0000 MHz	36M0G8W	80.00 dBW	Standard Analog Video with Associated Sub Carriers
	5925.0000 - 6425.0000 MHz	36M0G7W	80.03 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	5925.0000 - 6425.0000 MHz	51K2G7W-	51.80 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.

3700.0000 - 4200.0000 MHz

51K2G7W-

Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20220713-00751 E E070131 Disney Streaming Services LLC

Renewal

09/05/2022 - 09/05/2037

Grant of Authority

Date Effective: 07/21/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Woodlands#2

LOCATION: 4000 Technology Forest Blvd., Montgomery, The Woodlands, TX

30 ° 10 ' 50.00 " N LAT.

95 ° 29 ' 4.00 " W LONG.

ANTENNA ID:	3B	9 meters	Vertex	KPC
	5925.0000 - 6425.0000 MHz	36M0G8W	80.00 dBW	Standard Analog Video with Associated Audio Sub Carriers
	5925.0000 - 6425.0000 MHz	36M0G7W	80.03 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	5925.0000 - 6425.0000 MHz	51K2G7W-	51.80 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	3700.0000 - 4200.0000 MHz	51K2G7W-		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
ANTENNA ID:	3A	9 meters	Vertex	KPC
	5925.0000 - 6425.0000 MHz	36M0G8W	80.00 dBW	Standard Analog Video with Associated Audio Sub Carriers
	5925.0000 - 6425.0000 MHz	36M0G7W	80.03 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
	5925.0000 - 6425.0000 MHz	51K2G7W-	51.80 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.

3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
3700.0000 - 4200.0000 MHz	51K2G7W-		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
ANTENNA ID: 2A	9 meters	Vertex	KPC
5925.0000 - 6425.0000 MHz	36M0G8W	80.00 dBW	Standard Analog Video with Associated Audio Sub Carriers
5925.0000 - 6425.0000 MHz	36M0G7W	80.03 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
5925.0000 - 6425.0000 MHz	51K2G7W-	51.80 dBW	Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
3700.0000 - 4200.0000 MHz	36M0G8W		Standard Analog Video with Associated Audio Sub Carriers
3700.0000 - 4200.0000 MHz	36M0G7W		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.
3700.0000 - 4200.0000 MHz	51K2G7W-		Digital, Various Modulation QPSK, 8PSK, etc., Various FEC, Various Data Rates, Various Info.

Points of Communication:

Woodlands#2 - PERMITTED LIST - ()

SES-RWL-20220714-00760 E E4412 SageNet LLC
 Renewal 08/29/2022 - 08/29/2037
 Grant of Authority Date Effective: 07/25/2022

Class of Station: VSAT Fixed Hub Station

Nature of Service: Domestic Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1
 LOCATION: 3111 S. WESTERN AVENUE, COOK, CHICAGO, IL
 41 ° 50 ' 15.00 " N LAT. 87 ° 41 ' 5.00 " W LONG.

ANTENNA ID: 9.0M	9 meters	VERTEX	9.0 KPC
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS DATA, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QBPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 3/2, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK

11700.0000 - 12200.0000 MHz	80KG7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK
ANTENNA ID: 6.1M	6.1 meters	VERTEX	6.1KPK
14000.0000 - 14500.0000 MHz	1M54G7D	69.00 dBW	
14000.0000 - 14500.0000 MHz	24M0F3F	78.30 dBW	
14000.0000 - 14500.0000 MHz	112KG7D	53.50 dBW	
14000.0000 - 14500.0000 MHz	128KG7D	54.00 dBW	
11700.0000 - 12200.0000 MHz			
ANTENNA ID: 9.3M	9.3 meters	VERTEX	9.3 M KPK
14000.0000 - 14500.0000 MHz	9M40G7D	65.40 dBW	6000 KBPS DATA, 1/2 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	3M20G7D	59.60 dBW	2048 KBPS DATA, 1/2 RATE FEC, QPSK OR 1024 KBPS DATA
14000.0000 - 14500.0000 MHz	2M40G7D	58.40 dBW	1536 KBPS DATA, 1/2 RATE FEC,, QPSK OR 512 KBPS DATA
14000.0000 - 14500.0000 MHz	1M60G7D	56.60 dBW	1024 KBPS DATA, 1/2 RATE FEC, QPSK OR 512 KBPS DATA
14000.0000 - 14500.0000 MHz	1M20G7D	55.40 dBW	768 KBPS DATA, 1/2 RATE FEC, QPSK OR 384 KBPS DATA
14000.0000 - 14500.0000 MHz	800KG7D	53.60 dBW	512 KBPS DATA, 1/2 RATE FEC, QPSK OR 256 KBPS DATA
14000.0000 - 14500.0000 MHz	600KG7D	52.40 dBW	384 KBPS DATA, 1/2 RATE FEC, QPSK OR 192 KBPS DATA
14000.0000 - 14500.0000 MHz	400KG7D	50.60 dBW	256 KBPS DATA, 1/2 RATE FEC, QPSK OR 128 KBPS DATA
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS DATA, 1/2 RATE FEC, MSK

11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS DATA, 1/2 RATE FEC, MSK
ANTENNA ID: 5.6M	5.6 meters	ANDREW	ESA-56
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QBPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK
ANTENNA ID: 9.3M-2	9.3 meters	VERTEX	9.3 KPK
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK
ANTENNA ID: 9.3M-3	9.3 meters	VERTEX	9.3 KPK
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QBPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK

11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK
ANTENNA ID: 9.3M-4	9.3 meters	VERTEX	9.3 KPK
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QBPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK

11700.0000 - 12200.0000 MHz	72K0G7D	38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144K0G7D	76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288K0G7D	153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480K0G7D	307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D	19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130K0G7D	38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290K0G7D	76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400K0G7D	153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800K0G7D	307.2 KBPS, 1/2 RATE FEC, DPSK

Points of Communication:

1 - EUTELSAT117WA(S2873) - (116.8 W.L.)

1 - PERMITTED LIST - ()

SES-RWL-20220715-00762 E E070113 Nexstar Media Inc.
Renewal 07/24/2022 - 07/24/2037
Grant of Authority Date Effective: 07/21/2022

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1001 REYNOLDS ST. (WJBF) AUGUSTA, GA 30901, VARIOUS

ANTENNA ID: 1 1.2 meters AVL TECHNOLOGY 1200

14000.0000 - 14500.0000 MHz 36M0G7W 64.50 dBW One 36 Mbit MCPC digital carrier for voice/data with an emission designator of 36M067W

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20220718-00772 E E872066 Nexstar Media Inc.
Renewal 07/24/2022 - 07/24/2037
Grant of Authority Date Effective: 07/21/2022

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	2.4 meters	SATCOM TECHNOLOGIES	INC. MODEL 240KV
	14000.0000 - 14500.0000 MHz		36000F9	76.00 dBW
	14000.0000 - 14500.0000 MHz		30F9	44.30 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20220719-00773	E E070186	The Boeing Company	10/02/2022 - 10/02/2037
Renewal			Date Effective: 07/21/2022
Grant of Authority			

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 20403 68TH AVE S, KING, KENT, WA

ANTENNA ID:	MobileSat	1.2 meters	MOBILESAT	1.2M	
	14000.0000 - 14500.0000 MHz		32K0G7D	38.50 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		64K0G7D	41.50 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		128KG7D	44.50 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		256KG7D	47.50 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		512KG7D	50.50 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		768KG7D	51.00 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		1M00G7D	52.50 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		1M50G7D	55.00 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		2M00G7D	55.54 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		3M00G7D	55.54 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		4M00G7D	55.54 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		5M00G7D	55.54 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		6M00G7D	55.54 dBW	Digital Data Carrier

14000.0000 - 14500.0000 MHz	8M00G7D	55.54 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	10M0G7D	55.54 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	15M0G7D	55.54 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	20M0G7D	55.54 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	25M0G7D	55.54 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	30M0G7D	55.54 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	30M0G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	25M0G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	20M0G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	15M0G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	10M0G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	8M00G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	6M00G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	5M00G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	4M00G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	3M00G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	2M00G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	1M50G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	1M00G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	768KG7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	512KG7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	256KG7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	128KG7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	64K0G7D	0.00 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	32K0G7D	0.00 dBW	Digital Data Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20220514-00503 E E220064 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 07/25/2022

Class of Station:

On July 25, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on July 26, 2022, to operate its fixed earth station in Roberts, WI 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-20220514-00520 E E220071 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 07/25/2022

Class of Station:

On July 25, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on July 26, 2022, to operate its fixed earth station in Port Matilda, PA 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-20220514-00526 E E220074 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 07/25/2022

Class of Station:

On July 25, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on July 26, 2022, to operate its fixed earth station in Olympia, WA 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-20220514-00528 E E220075 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 07/25/2022

Class of Station:

On July 25, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on July 26, 2022, to operate its fixed earth station in Wichita Falls, TX 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-20220514-00562 E E220087 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 07/25/2022

Class of Station:

On July 25, 2022, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on July 26, 2022, to operate its fixed earth station in Anderson, 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-20220614-00650 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/25/2022

Class of Station:

On July 25, 2022, Intelsat License LLC was granted special temporary authority for 30 days, beginning on July 25, 2022, to operate 50 0.25 meter antennas within the United States and its territories, U.S. territorial waters, and international waters. The antennas will be mounted on terrestrial vehicles and maritime vessels and operate while stationary and in motion with the Galaxy 17 (S2715) satellite and the Intelsat 37e (S2972) satellite in the 14000-14500 MHz (Earth-to-space), and 11700-12200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20220614-00656 E E220059 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/22/2022

Class of Station:

On July 22, 2022, Intelsat License LLC was granted special temporary authority for 30 days, beginning on July 23, 2022, to operate its fixed earth station in Andover, ME to conduct antenna testing with the Intelsat 901 (S2405) satellite, the Intelsat 25 (S2804) satellite, and the Intelsat 30 (S2887) satellite in the 3625-3700 MHz (space-to-Earth), and 6715-6725 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20220621-00666 E E220058 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/22/2022

Class of Station:

On July 22, 2022, Intelsat License LLC was granted special temporary authority for 30 days, beginning on July 23, 2022, to operate its fixed earth station in Andover, ME to conduct antenna testing with the Intelsat 901 (S2405) satellite, the Intelsat 25 (S2804) satellite, and the Intelsat 30 (S2887) satellite in the 3625-3700 MHz (space-to-Earth), and 6715-6725 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20220718-00775 E E7541 Lockheed Martin Corporation
Special Temporary Authority
Grant of Authority Date Effective: 07/26/2022

Class of Station:

On July 26, 2022, Lockheed Martin Corporation was granted special temporary authority for 30 days, beginning on August 1, 2022, to operate its fixed earth station in Carpentersville, NJ to provide telemetry, tracking, and control (TT&C) functions for the on-station operation of the Hylas-1 satellite at the 79.0° W.L. orbital location in the 17302.048 MHz and 17305.051 MHz (Earth-to-space), and 11701.008 MHz and 11702.808 MHz (space-to-Earth) center frequencies.

Points of Communication:

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