



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02250

Wednesday March 18, 2020

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-AMD-20200224-00199 E E050018 Newcom International, Inc.
Amendment
Withdrawn Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 15590 N.W. 15TH AVE., DADE, MIAMI, FL
25 ° 54 ' 59.30 " N LAT.

80 ° 13 ' 29.20 " W LONG.

ANTENNA ID:	4.5 C	4.5 meters	ANDREW CORPORATION	4.5 Meter
	6391.0000 - 6425.0000 MHz	34M0G7W	67.70 dBW	digital modulation, voice and data services
	6391.0000 - 6425.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
	6331.0000 - 6359.0000 MHz	28M0G7W	67.70 dBW	digital modulation, voice and data services
	6331.0000 - 6359.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
	6272.0000 - 6299.0000 MHz	27M0G7W	67.70 dBW	digital modulation, voice and data services
	6272.0000 - 6299.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services

6168.0000 - 6240.0000 MHz	45M0G7W	67.70 dBW	digital modulation, voice and data services
6168.0000 - 6240.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
6079.0000 - 6107.0000 MHz	28M0G7W	67.70 dBW	digital modulation, voice and data services
6079.0000 - 6107.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
6020.0000 - 6047.0000 MHz	27M0G7W	67.70 dBW	digital modulation, voice and data services
6020.0000 - 6047.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
5961.0000 - 5988.0000 MHz	27M0G7W	67.70 dBW	digital modulation, voice and data services
5961.0000 - 5988.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
5925.0000 - 6425.0000 MHz	45M0G7W	67.70 dBW	digital modulation, voice and data services
5925.0000 - 6425.0000 MHz	128KG7D	52.80 dBW	digital modulation, voice and data services
5925.0000 - 5929.0000 MHz	4M00G7W	59.00 dBW	digital modulation, voice and data services
5925.0000 - 5929.0000 MHz	128KG7D	67.70 dBW	digital modulation, voice and data services
3700.0000 - 4200.0000 MHz	45M0G7W		digital modulation, voice and data services
3700.0000 - 4200.0000 MHz	128KG7D		digital modulation, voice and data services
ANTENNA ID: 4.5 Ku	4.5 meters	ANDREW CORPORATION	ES45MP-1
14000.0000 - 14500.0000 MHz	128KG7D	54.95 dBW	digital modulation, voice and data services
14000.0000 - 14500.0000 MHz	45M0G7W	74.86 dBW	digital modulation, voice and data services
11700.0000 - 12200.0000 MHz	128KG7D		digital modulation, voice and data services
11700.0000 - 12200.0000 MHz	45M0G7W	0.00 dBW	digital modulation, voice and data services
ANTENNA ID: ES 3	4.6 meters	ANDREW CORPORATION	ES46MP-1

14000.0000 - 14500.0000 MHz	128KG7D	56.05 dBW	digital w/various modulation, forward error correction, and data rate configurations
14000.0000 - 14500.0000 MHz	45M0G7W	75.96 dBW	digital w/various modulation, forward error correction, and data rate configurations
11700.0000 - 12200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations
11700.0000 - 12200.0000 MHz	45M0G7W		digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID: ES 2C	4.5 meters	ANDREW CORPORATION	ES45MP-1
6391.0000 - 6425.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
6391.0000 - 6425.0000 MHz	34M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
6331.0000 - 6359.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
6331.0000 - 6359.0000 MHz	28M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
6272.0000 - 6299.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
6272.0000 - 6299.0000 MHz	27M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
6168.0000 - 6240.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
6168.0000 - 6240.0000 MHz	45M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
6079.0000 - 6107.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
6079.0000 - 6107.0000 MHz	28M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations

6020.0000 - 6047.0000 MHz	128KG7W	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
6020.0000 - 6047.0000 MHz	27M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
5961.0000 - 5988.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
5961.0000 - 5988.0000 MHz	27M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 6425.0000 MHz	128KG7D	52.80 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 6425.0000 MHz	45M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 5929.0000 MHz	4M0G7W	49.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 5929.0000 MHz	128KG7D	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
3700.0000 - 4200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations
3700.0000 - 4200.0000 MHz	45M0G7W		digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID: ES 2Ku	4.5 meters	ANDREW CORPORATION	ES45MP-1
14000.0000 - 14500.0000 MHz	128KG7D	54.95 dBW	digital w/various modulation, forward error correction, and data rate configurations
14000.0000 - 14500.0000 MHz	45M0G7W	74.86 dBW	digital w/various modulation, forward error correction, and data rate configurations
13750.0000 - 14000.0000 MHz	128KG7D	55.00 dBW	DIGITAL MODULATION, VOICE AND DATA SERVICES
13750.0000 - 14000.0000 MHz	36M0G7W	74.90 dBW	DIGITAL MODULATION, VOICE AND DATA SERVICES
11700.0000 - 12200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations

11700.0000 - 12200.0000 MHz	45M0G7W		digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID: ES 4KU	8.1 meters	GENERAL DYNAMICS (VERTEX/RSI)	GD 8.1
14000.0000 - 14500.0000 MHz	128KG7D	60.75 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	45M0G7W	81.50 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	128KG7D	0.00 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL
ANTENNA ID: ES 5KU	3.8 meters	GENERAL DYNAMIC (VERTEX/RSI)	SERIES 1383
14000.0000 - 14500.0000 MHz	128KG7D	54.25 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	45M0G7W	65.96 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	128KG7D		DIGITAL
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL
ANTENNA ID: ES 6KU	4.5 meters	GENERAL DYNAMICS (VERTEX/RSI)	ES45MP-1
14000.0000 - 14500.0000 MHz	128KG7D	54.95 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	45M0G7W	74.86 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	128KG7D		DIGITAL
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL

Points of Communication:

- 1 - AMAZONAS 1 (S2622) - (61 W.L.)
 - 1 - AMAZONAS 2 (S2793) - (61 W.L.)
 - 1 - HISPASAT - (30.0 W.L.)
 - 1 - NSS-7 (S2854) - (20 W.L.)
 - 1 - PERMITTED LIST - ()
 - 1 - SATMEX-5 - (116.8 W.L.)
 - 1 - SOLIDARIDAD F-2 - (113.0 W.L.)
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SES-LIC-20190211-00151 E E190066 SpaceX Services, Inc.
Application for Authority 03/13/2020 - 03/13/2035
Grant of Authority Date Effective: 03/13/2020

Class of Station: Blanket Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: CONUS, Hawaii, Alaska, Puerto Rico, USVI

ANTENNA ID:	1	0.48 meters	SpaceX	TBD
	10700.0000 - 12700.0000 MHz		240MD7W	BPSK up to 64QAM; Digital Data
	14000.0000 - 14500.0000 MHz		62M5D7W 38.20 dBW	BPSK up to 64QAM; Digital Data

Points of Communication:

1 - SPACEX (S2983) - (NGSO)

SES-LIC-20191016-01316 E E190855 The Ahmadiyya Movement in Islam, Inc. USA
Application for Authority 03/16/2020 - 03/16/2035
Grant of Authority Date Effective: 03/16/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: CONUS

ANTENNA ID:	1	1.2 meters	SIS Live	CN 00355
	14000.0000 - 14500.0000 MHz		36M0G7W 64.01 dBW	Digital Video Carrier
	11700.0000 - 12200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - Eutelsat113WA(S2695) - (113 W.L.)
1 - GALAXY 18 (S2733) - (123 W.L.)
1 - PERMITTED LIST - ()
1 - SES-2 (S2826) - (87 W.L.)

SES-MOD-20180716-02038 E E070123 DIRECTV Enterprises, LLC
Application for Modification 08/31/2007 - 08/31/2022
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service

SITE ID: 1
 LOCATION: 3800 Via Oro Ave. (CBC), Los Angeles, Long Beach, CA
 33 ° 49 ' 44.30 " N LAT. 118 ° 12 ' 43.35 " W LONG.

ANTENNA ID:	LBKA3	9.2 meters	Vertex RSI	9mKa-01-00
	29525.0000 - 29535.0000 MHz	25K0N0N	55.80 dBW	Beacon Transmission - Clear Sky
	29525.0000 - 29535.0000 MHz	25K0N0N	75.80 dBW	Beacon Transmission - Max Faded
	29500.0000 - 29515.0000 MHz	1M30F9D	69.50 dBW	Multi-tone Frequency Modulated Command Carrier - Clear Sky
	29500.0000 - 29515.0000 MHz	1M30F8D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier - Max Faded
	29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	PSK MOD Digital Video/Audio
	28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	PSK MOD Digital Video/Audio
	19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD Digital Video/Audio
	19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry
	18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD Digital Video/Audio

Points of Communication:

- 1 - DIRECTV 10 - (102.75)
- 1 - DIRECTV 11 - (99.2 W.L.)
- 1 - DIRECTV 8 (K) - (101 W.L.)
- 1 - DIRECTV 9S (S2669) - (101 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - SPACEWAY 1 - (103 W.L.)
- 1 - SPACEWAY 2 - (99 W.L.)

SES-MOD-20191223-01771 E E120095 MX1 Inc. 07/10/2012 - 07/10/2027
 Application for Modification Date Effective: 03/17/2020
 Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 157 Kimbles Road, Pike, Hawley, PA
 41 ° 27 ' 50.90 " N LAT. 75 ° 7 ' 51.00 " W LONG.

ANTENNA ID:	2	4.9 meters	CPI-ASCSIGNAL	PBESA49M.D
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5925.0000 - 6425.0000 MHz	36M0G7W	73.30 dBW	Digital Video, Audio, and Data
5925.0000 - 6425.0000 MHz	2M00G7W	71.60 dBW	Digital Video, Audio, and Data
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, and Data
3700.0000 - 4200.0000 MHz	2M00G7W		Digital Video, Audio, and Data
ANTENNA ID: 1	4.5 meters	SUNCOM	450 FC
5925.0000 - 6425.0000 MHz	36M0G7W	73.30 dBW	Digital Video, Audio, and Data
5925.0000 - 6425.0000 MHz	2M00G7W	71.60 dBW	Digital Video, Audio, and Data
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, and Data
3700.0000 - 4200.0000 MHz	2M00G7W		Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180920-04478 E E190820 WXOW-WQOW License, LLC
 Registration 09/20/2018 - 09/20/2033
 Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: WXOW Television 3705 County 25, Houston, La Crescent, MN
 43 ° 48 ' 26.00 " N LAT. 91 ° 22 ' 2.00 " W LONG.

ANTENNA ID: 1	7.3 meters	Andrew	ESA73HS-46
3700.0000 - 4200.0000 MHz	36M0F3F	0.00 dBW	Analog TV Video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	Digital TV Video
ANTENNA ID: 2	4.5 meters	DH Satellite	45DH
3700.0000 - 4200.0000 MHz	36M0F3F	0.00 dBW	Analog TV Video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	Digital TV Video
ANTENNA ID: 3	4.5 meters	Patriot	PRT-450
3700.0000 - 4200.0000 MHz	36M0F3F	0.00 dBW	Analog TV Video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	Digital TV Video

ANTENNA ID:	4	4 meters	Channel Master	TVRO	
	3700.0000 - 4200.0000 MHz		36M0F3F	0.00 dBW	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital TV Video
ANTENNA ID:	5	3.8 meters	Patriot	PRT-380	
	3700.0000 - 4200.0000 MHz		36M0F3F	0.00 dBW	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital TV Video
ANTENNA ID:	6	3.7 meters	AFC	PR-12	
	3700.0000 - 4200.0000 MHz		36M0F3F	0.00 dBW	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital TV Video
ANTENNA ID:	7	3.3 meters	Channel Master	3.3M	
	3700.0000 - 4200.0000 MHz		36M0F3F	0.00 dBW	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital TV Video
ANTENNA ID:	8	3.1 meters	Patriot	PRT-310	
	3700.0000 - 4200.0000 MHz		36M0F3F	0.00 dBW	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital TV Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181004-04839 E E191210 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
 Registration 10/04/2018 - 10/04/2033
 Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1275 Timberwood Boulevard, CHARLOTTESVILLE, VA
 38 ° 8 ' 11.51 " N LAT. 78 ° 26 ' 32.77 " W LONG.

ANTENNA ID:	1	3.4 meters	GENERAL DYNAMICS	Satcomm1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: 2

LOCATION: 2975 Hydraulic Road, CHARLOTTESVILLE, VA
 38 ° 4 ' 58.49 " N LAT. 78 ° 29 ' 28.65 " W LONG.

SITE ID: 9
LOCATION: 110 Melinda Drive, LYNCHBURG, VA
37 ° 20 ' 41.53 " N LAT. 79 ° 11 ' 42.46 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 3192 Dan River Church Road, SOUTH BOSTON, VA
36 ° 43 ' 13.52 " N LAT. 78 ° 51 ' 51.22 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 2716 Walnut Avenue, BUENA VISTA, VA
37 ° 44 ' 29.35 " N LAT. 79 ° 20 ' 50.56 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 604 Vaden Drive, GRETNA, VA
36 ° 57 ' 8.50 " N LAT. 79 ° 22 ' 21.74 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: 3058 North Main Street, DANVILLE, VA
36 ° 37 ' 56.63 " N LAT. 79 ° 23 ' 8.76 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 1340 Thornhill Road, LEXINGTON, VA
37 ° 45 ' 38.89 " N LAT. 79 ° 27 ' 59.70 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 1325 Longwood Avenue, BEDFORD, VA
37 ° 20 ' 43.39 " N LAT. 79 ° 30 ' 31.81 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
LOCATION: 2268 Hardy Road, VINTON, VA
37 ° 15 ' 58.60 " N LAT. 79 ° 51 ' 38.57 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 725 West 29th Street, BUENA VISTA, VA
37 ° 44 ' 33.95 " N LAT. 79 ° 21 ' 35.86 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 1340 South Dee Avenue, COVINGTON, VA
37 ° 46 ' 42.95 " N LAT. 79 ° 59 ' 46.63 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 6311 Wayburn Drive, SALEM, VA
37 ° 18 ' 40.80 " N LAT. 80 ° 1 ' 36.37 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: Blue Ridge Street Staples Avenue, STUART, VA
36 ° 38 ' 39.41 " N LAT. 80 ° 16 ' 29.44 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 510 Porter Street, BLACKSBURG, VA
37 ° 12 ' 46.78 " N LAT. 80 ° 24 ' 30.22 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 900 Pendleton Street, RADFORD, VA
37 ° 7 ' 7.07 " N LAT. 80 ° 34 ' 44.05 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 55 Highland Avenue, ROCKY MOUNT, VA
37 ° 0 ' 13.69 " N LAT. 79 ° 53 ' 45.44 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 1136 Fort Chiswell Road, MAX MEADOWS, VA
36 ° 55 ' 16.61 " N LAT. 80 ° 55 ' 59.90 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 122 FAIRWAY DR RT 720, BLUEFIELD, VA
37 ° 14 ' 0.79 " N LAT. 81 ° 17 ' 2.32 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 13 Heritage Drive, BRISTOL, VA
36 ° 37 ' 28.09 " N LAT. 82 ° 8 ' 5.23 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
LOCATION: 5521 Memorial Drive, LYNDONVILLE, VT
44 ° 30 ' 22.76 " N LAT. 72 ° 0 ' 41.69 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 3417 Darling Hill Road, NEWPORT, VT
44 ° 58 ' 1.82 " N LAT. 72 ° 10 ' 52.07 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
LOCATION: 5905 Virginia Ave, PEMBROKE, VA
37 ° 19 ' 18.15 " N LAT. 80 ° 38 ' 10.75 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
LOCATION: 113 Lds Lane, SOUTH ROYALTON, VT
43 ° 49 ' 31.00 " N LAT. 72 ° 28 ' 37.93 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
LOCATION: 2548 VT Route 15W, JOHNSON, VT
44 ° 38 ' 52.25 " N LAT. 72 ° 44 ' 12.74 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 637 North Shrewsbury Road, NORTH CLARENDON, VT
43 ° 34 ' 6.46 " N LAT. 72 ° 57 ' 10.31 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 22 Bushey Rd, ST ALBANS, VT
44 ° 51 ' 5.61 " N LAT. 73 ° 4 ' 20.09 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 73 Essex Way, ESSEX, VT
44 ° 30 ' 2.19 " N LAT. 73 ° 4 ' 53.45 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 5431 US Rte 5, ASCUTNEY, VT
43 ° 24 ' 37.75 " N LAT. 72 ° 24 ' 22.03 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: Houghton Lane, BENNINGTON, VT
42 ° 54 ' 54.33 " N LAT. 73 ° 12 ' 21.08 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 700 East Highway 162, MONTEZUMA CREEK, UT
37 ° 15 ' 33.01 " N LAT. 109 ° 17 ' 59.83 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: 165 South Main Street, MONTICELLO, UT
37 ° 52 ' 13.84 " N LAT. 109 ° 20 ' 31.95 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 8775 East 6000 South, JENSEN, UT
40 ° 27 ' 8.90 " N LAT. 109 ° 32 ' 24.10 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: N W Corner Blvd 6th Ave, DUTCH JOHN, UT
40 ° 55 ' 52.79 " N LAT. 109 ° 23 ' 51.56 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 400 Swift Street, SOUTH BURLINGTON, VT
44 ° 26 ' 35.95 " N LAT. 73 ° 10 ' 46.33 " W LONG.

SITE ID: 48
LOCATION: 2745 West 1000 North, VERNAL, UT
40 ° 28 ' 10.66 " N LAT. 109 ° 34 ' 52.67 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 1st North 1st West, MANILA, UT
40 ° 59 ' 25.77 " N LAT. 109 ° 43 ' 28.75 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50
LOCATION: 495 E Black Locust Ave, BLUFF, UT
37 ° 17 ' 4.43 " N LAT. 109 ° 33 ' 14.45 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

- 1 - PERMITTED LIST - ()
- 10 - PERMITTED LIST - ()
- 11 - PERMITTED LIST - ()
- 12 - PERMITTED LIST - ()
- 13 - PERMITTED LIST - ()
- 14 - PERMITTED LIST - ()
- 15 - PERMITTED LIST - ()
- 16 - PERMITTED LIST - ()
- 17 - PERMITTED LIST - ()
- 18 - PERMITTED LIST - ()
- 19 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 20 - PERMITTED LIST - ()
- 21 - PERMITTED LIST - ()
- 22 - PERMITTED LIST - ()

23 - PERMITTED LIST - ()
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29 - PERMITTED LIST - ()
3 - PERMITTED LIST - ()
30 - PERMITTED LIST - ()
31 - PERMITTED LIST - ()
32 - PERMITTED LIST - ()
33 - PERMITTED LIST - ()
34 - PERMITTED LIST - ()
35 - PERMITTED LIST - ()
36 - PERMITTED LIST - ()
37 - PERMITTED LIST - ()
38 - PERMITTED LIST - ()
39 - PERMITTED LIST - ()
4 - PERMITTED LIST - ()
40 - PERMITTED LIST - ()
41 - PERMITTED LIST - ()
42 - PERMITTED LIST - ()
43 - PERMITTED LIST - ()
44 - PERMITTED LIST - ()
45 - PERMITTED LIST - ()
46 - PERMITTED LIST - ()
47 - PERMITTED LIST - ()
48 - PERMITTED LIST - ()
49 - PERMITTED LIST - ()
5 - PERMITTED LIST - ()

50 - PERMITTED LIST - ()

6 - PERMITTED LIST - ()

7 - PERMITTED LIST - ()

8 - PERMITTED LIST - ()

9 - PERMITTED LIST - ()

SES-REG-20181005-04910 E E191281 EMG2, LLC

Registration

10/05/2018 - 10/05/2033

Grant of Authority

Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2003 NW 56th Drive, Umatilla, Pendleton, OR

45 ° 41 ' 29.30 " N LAT.

118 ° 51 ' 9.40 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Comtech 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04970 E E191346 Northland Cable Television, Inc.

Registration

10/08/2018 - 10/08/2033

Grant of Authority

Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Mexia - NCTV

LOCATION: 515 West Tyler Street, Limestone, Mexia, TX

31 ° 40 ' 18.20 " N LAT.

96 ° 29 ' 38.50 " W LONG.

ANTENNA ID: Antenna 1 4.2 meters DH Satellite Unknown

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Programming

ANTENNA ID: Antenna 2 4.2 meters DH Satellite Unknown

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Programming

ANTENNA ID: Antenna 3 4.2 meters DH Satellite Unknown

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Programming

ANTENNA ID:	Antenna 4	4.2 meters	DH Satellite	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming
ANTENNA ID:	Antenna 5	4.2 meters	DH Satellite	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming
ANTENNA ID:	Antenna 6	4.2 meters	DH Satellite	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming
ANTENNA ID:	Antenna 7	4.2 meters	DH Satellite	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming
ANTENNA ID:	Antenna 8	4.2 meters	DH Satellite	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming

Points of Communication:

Mexia - NCTV - PERMITTED LIST - ()

SES-REG-20181009-04994 E E191370 TURNER BROADCASTING SYSTEM, INC.
 Registration 10/09/2018 - 10/09/2033
 Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Antenna 406
 LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
 33 ° 47 ' 4.90 " N LAT. 84 ° 23 ' 43.80 " W LONG.

ANTENNA ID:	1	6.1 meters	Viasat	8060
	3700.0000 - 4200.0000 MHz		15M5G1F	0.00 dBW
				QPSK, 8PSK & 16APSK Modulation, digital video
	3700.0000 - 4200.0000 MHz		20M0G7F	0.00 dBW
				QPSK, 8PSK & 16APSK Modulation, digital video
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW
				QPSK, 8PSK & 16APSK Modulation, digital video

SITE ID: Antenna 409
 LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
 33 ° 47 ' 4.90 " N LAT. 84 ° 23 ' 43.80 " W LONG.

ANTENNA ID:	2	6.1 meters	Viasat	8060
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3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

SITE ID: Antenna 410

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.90 " N LAT.

84 ° 23 ' 44.50 " W LONG.

ANTENNA ID: 3 6.1 meters Viasat 8060

3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

SITE ID: Antenna 415

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.90 " N LAT.

84 ° 23 ' 44.20 " W LONG.

ANTENNA ID: 4 4.5 meters Viasat 8345

3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

SITE ID: Antenna 420

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.90 " N LAT.

84 ° 23 ' 44.50 " W LONG.

ANTENNA ID: 5 4.5 meters ASC 45ESAMPJ-1

3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

SITE ID: Antenna 407
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.90 " N LAT. 84 ° 23 ' 44.50 " W LONG.

ANTENNA ID:	6	4.5 meters	Viasat	8345
	3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
	3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
	3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

Points of Communication:

Antenna 406 - PERMITTED LIST - ()
Antenna 407 - PERMITTED LIST - ()
Antenna 409 - PERMITTED LIST - ()
Antenna 410 - PERMITTED LIST - ()
Antenna 415 - PERMITTED LIST - ()
Antenna 420 - PERMITTED LIST - ()

SES-REG-20181009-05050 E E191428 Alpha 3E Licensee LLC
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 341 S Yorktown Pike, Cerro Gordo, Mason City, IA
43 ° 8 ' 58.70 " N LAT. 93 ° 8 ' 45.65 " W LONG.

ANTENNA ID:	1	4 meters	Miralite	370
	3700.0000 - 4200.0000 MHz	36M0G7W		Network programming

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05056 E E191434 AC Holdings, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1 Harborside Dr, Suffolk, Boston, MA
42 ° 21 ' 54.30 " N LAT.

71 ° 1 ' 4.70 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot PRT-380

3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW DVB-S2/AVC Video Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05066 E E191444 AC Holdings, Inc.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 94-00 Ditmars Blvd., Queens, Queens, NY
40 ° 46 ' 27.00 " N LAT.

73 ° 52 ' 26.80 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot PRT-310

3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW DVB-S2/AVC Video Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05077 E E191455 AC Holdings, Inc.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 2400 Aviation Dr, Dallas, DFW Airport, TX
32 ° 54 ' 49.10 " N LAT.

97 ° 0 ' 52.90 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1134

3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW DVB-S2/AVC Video Services

Points of Communication:

- PERMITTED LIST - ()

SES-REG-20181009-05078 E E191456 AC Holdings, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7800 Col. H. Weir Cook Memorial Dr, Marion, Indianapolis, IN
39 ° 42 ' 21.90 " N LAT. 86 ° 18 ' 8.50 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot PRT-310
3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW DVB-S2/AVC Video Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05090 E E191468 ComSouth Telesys, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2673 Marshallville, Houston, Perry, GA
32 ° 27 ' 11.79 " N LAT. 83 ° 49 ' 44.12 " W LONG.

ANTENNA ID: 1 5 meters ATCi Simulsat
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05092 E E191470 AC Holdings, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Van Wyck and JFK Expressway, Queens, Jamaica, NY
40 ° 38 ' 59.30 " N LAT. 73 ° 46 ' 58.80 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot PRT-310

SITE ID: 1
 LOCATION: 3400 E Sky Harbor Blvd, Maricopa, Phoenix, AZ
 33 ° 26 ' 11.70 " N LAT. 111 ° 59 ' 48.50 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot PRT-310
 3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW DVB-S2/AVC Video Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05104 E E191484 AC Holdings, Inc.
 Registration 10/09/2018 - 10/09/2033
 Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 776 N Terminal Dr, Salt Lake, Salt Lake City, UT
 40 ° 47 ' 13.20 " N LAT. 111 ° 58 ' 57.80 " W LONG.

ANTENNA ID: 1 3.1 meters Prodelin 1134
 3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW DVB-S2/AVC Video Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05106 E E191486 Northland Cable Television, Inc.
 Registration 10/09/2018 - 10/09/2033
 Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1305 E. Wheeler Road, Grant, Moses Lake, WA
 47 ° 7 ' 49.90 " N LAT. 119 ° 15 ' 19.40 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific Atlanta Unknown
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Programming

ANTENNA ID: 2 3.7 meters AFC Unknown
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Programming

ANTENNA ID: 3 3.8 meters Patriot PRT 380

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID: 4	3.1 meters	Patriot	PRT 380
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05110	E E191490	Garden Valley Telephone Company	10/09/2018 - 10/09/2033
Registration			Date Effective:
Grant of Authority			03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Cable TV Headend
 LOCATION: 614 Ward Avenue, Polk, Erskine, MN
 47 ° 39 ' 37.62 " N LAT. 96 ° 0 ' 38.04 " W LONG.

ANTENNA ID: ANT1	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	Ditigal

Points of Communication:

Cable TV Headend - PERMITTED LIST - ()

SES-REG-20181009-05402	E E200107	VS Enterprises LTD	10/09/2018 - 10/09/2033
Registration			Date Effective:
Grant of Authority			03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Livermore
 LOCATION: 404 4th Ave, Humboldt, Livermore, IA
 42 ° 52 ' 4.53 " N LAT. 94 ° 11 ' 14.45 " W LONG.

ANTENNA ID: unknown			
3700.0000 - 4200.0000 MHz	36M0G7W		

Points of Communication:

Livermore - PERMITTED LIST - ()

SES-REG-20181010-05182 E E191563 Tichenor License Corporation
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Chase Tower
LOCATION: 200 S. 10th (roof top), Hidalgo, McAllen, TX
26 ° 12 ' 7.22 " N LAT. 98 ° 13 ' 52.83 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8 Prime Focus
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video, Audio, and Data

Points of Communication:

Chase Tower - PERMITTED LIST - ()

SES-REG-20181010-05183 E E191564 BFI Licenses, LLC
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: RO 2
LOCATION: 6221 Holly Drive, Anoka, Lino Lakes, MN
45 ° 7 ' 56.90 " N LAT. 93 ° 5 ' 43.40 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

RO 2 - PERMITTED LIST - ()

SES-REG-20181011-05369 E E200075 WPEC Licensee, LLC
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WPEC Site 3
LOCATION: 1100 Fairfield Drive, Palm Beach, West Palm Beach, FL
26 ° 45 ' 38.90 " N LAT. 80 ° 4 ' 10.90 " W LONG.

ANTENNA ID: 4 4.6 meters Vertex VERM4.6

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data
ANTENNA ID: 5	4.5 meters Andrew Corp	AND4.5
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data
ANTENNA ID: 6	4.2 meters T-Squared	TSQ4.2
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data
ANTENNA ID: 7	3.5 meters Prodelin	PRO3.5
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data
ANTENNA ID: 8	3 meters Prodelin	PRO3.0
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data
ANTENNA ID: 9	5 meters T-Squared	TSQ5.0
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data

Points of Communication:

WPEC Site 3 - PERMITTED LIST - ()

SES-REG-20181011-05370 E E200076 Victory Communications, Inc.
 Registration 10/11/2018 - 10/11/2033
 Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 14019 Noah Rd, Benton, Gravette, AR
 36 ° 21 ' 36.30 " N LAT. 94 ° 20 ' 24.80 " W LONG.

ANTENNA ID: 1	4 meters Unimesh	12
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 2	4 meters Uimesh	12
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 3	4 meters Unimesah	12
3700.0000 - 4200.0000 MHz	36M0G7W	
ANTENNA ID: 4	4 meters Unimesh	12

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-05371 E E200077 THE FAMILY RADIO NETWORK, INC.

Registration

10/11/2018 - 10/11/2033

Grant of Authority

Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1909 W. Second Street, Outagamie, Appleton, WI

44 ° 15 ' 16.80 " N LAT.

88 ° 26 ' 11.80 " W LONG.

ANTENNA ID: Main 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz

36M0G7W

Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-05372 E E200078 KAAL-TV, LLC

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAAL-AUSTIN

LOCATION: 1701 10TH PLACE NE, MOWER, AUSTIN, MN

43 ° 40 ' 32.10 " N LAT.

92 ° 57 ' 9.40 " W LONG.

ANTENNA ID: KAAL AUSTI 3.7 meters PRODELIN 3.7

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

DIGITAL VIDEO, AUDIO, DATA

Points of Communication:

KAAL-AUSTIN - PERMITTED LIST - ()

SES-REG-20181011-05375 E E200080 Priority Communications, Inc.

Registration

10/06/2018 - 10/06/2033

Grant of Authority

Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 12 W Long Ave, Clearfield, Dubois, PA
41 ° 7 ' 9.10 " N LAT. 78 ° 45 ' 44.80 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Comtech 3.8 METER PF
3700.0000 - 4200.0000 MHz 36M0G7W Digial Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-05377 E E200082 KAAL-TV, LLC
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1701 10TH PLACE NE, MOWER, AUSTIN, MN
43 ° 40 ' 32.90 " N LAT. 92 ° 57 ' 8.70 " W LONG.

ANTENNA ID: KAAL AUSTI 4.5 meters ANDREW ESA45-4
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-05378 E E200083 Liberman Broadcasting of Dallas License LLC
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Cedar Hill
LOCATION: 1320 W. Beltline Rd., Cedar Hill, TX
32 ° 35 ' 20.00 " N LAT. 96 ° 58 ' 5.90 " W LONG.

ANTENNA ID: KMPX CHill 4.5 meters DH D45MAE-MRC2
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Cedar Hill - PERMITTED LIST - ()

SES-REG-20181011-05394 E E200099 Independence Telecommunications Utility
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: ITU

LOCATION: 711 7 Av NE, Buchanan, Independence, IA
42 ° 28 ' 29.36 " N LAT.

91 ° 53 ' 13.53 " W LONG.

ANTENNA ID: 4.5M Ants 4.5 meters Scientific Atlanta 8345PF

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video reception for CATV retransmission

ANTENNA ID: 3.7M Ants 3.7 meters General Dynamics Satcom Technologies Series 1374

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video reception for CATV retransmission

Points of Communication:

ITU - PERMITTED LIST - ()

SES-REG-20181011-05407 E E200112 Results Broadcasting, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WATK / WACD

LOCATION: N2237 Hwy 45 S, Langlade, Antigo, WI
45 ° 6 ' 23.80 " N LAT.

89 ° 9 ' 12.42 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech Comtech 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Modulation for Audio and Video Services

Points of Communication:

WATK / WACD - PERMITTED LIST - ()

SES-REG-20181011-05410 E E200115 Board of Governors of Missouri State University
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KOZK C-Band
LOCATION: 700 E. Madison St, Greene, Springfield, MO
37 ° 11 ' 59.66 " N LAT. 93 ° 17 ' 3.59 " W LONG.

ANTENNA ID: PBS-C 3.8 meters Comtech Antenna Systems 3.8 Meter Fiberglass
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

KOZK C-Band - PERMITTED LIST - ()

SES-REG-20181011-05435 E E200140 Stratford Mutual Telephone Company
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1001 Tennyson Avenue, Hamilton, Stratford, IA
42 ° 16 ' 17.80 " N LAT. 93 ° 55 ' 31.40 " W LONG.

ANTENNA ID: Ant1 3.8 meters Patriot PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

ANTENNA ID: Ant3 2.8 meters Scientific Atlanta 9000
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

ANTENNA ID: Ant2 3.8 meters Patriot PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

ANTENNA ID: Ant4 4.6 meters Scientific Atlanta 8346
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

SITE ID: Site 2
LOCATION: 1012 Goldsmith Street, Hamilton, Stratford, IA
42 ° 16 ' 12.00 " N LAT. 93 ° 55 ' 31.30 " W LONG.

ANTENNA ID: Ant6 3.8 meters Patriot PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

ANTENNA ID: Ant5 4.5 meters Scientific Atlanta 8345
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

Site 2 - PERMITTED LIST - ()

SES-REG-20181011-05449 E E200154 WAY MEDIA, Inc.
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1 WCOV Ave, Montgomery, Montgomery, AL
32 ° 20 ' 6.59 " N LAT. 86 ° 17 ' 17.32 " W LONG.

ANTENNA ID: ANT 1 3.7 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181011-05450 E E200155 UNIVERSITY OF NORTHWESTERN - ST. PAUL
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 6300 SOUTH TALLGRASS AVE, MINNEHAHA, SIOUX FALLS, MN
43 ° 29 ' 14.10 " N LAT. 96 ° 47 ' 4.98 " W LONG.

ANTENNA ID: KNWC 3.7 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-05490 E E200195 WAY MEDIA, Inc.
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 688 Mount Alto Rd SW, Floyd, Rome, GA
34 ° 14 ' 7.55 " N LAT. 85 ° 13 ' 45.17 " W LONG.

ANTENNA ID: ANT 1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181011-05513 E E200218 WAY MEDIA, Inc.
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1029 Cunningham Rd, Dickson County, Cumberland Furnace, TN
36 ° 17 ' 36.34 " N LAT. 87 ° 18 ' 19.95 " W LONG.

ANTENNA ID: ANT 1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181012-05460 E E200166 Kelly Media LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KUSH
LOCATION: 3818 E. Main Street, Payne, Cushing, OK
35 ° 59 ' 12.81 " N LAT. 96 ° 42 ' 38.44 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 3.8 EL/AZ
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Data

Points of Communication:

KUSH - PERMITTED LIST - ()

SES-REG-20181012-05478 E E200184 Washington Cable Systems Inc
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1201 16th St NW, DC, Washington, DC
38 ° 54 ' 21.00 " N LAT. 77 ° 2 ' 9.00 " W LONG.

ANTENNA ID: 1 3 meters Harris Satellite Comm. Div. 5115
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital and Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05479 E E200185 Washington Cable Systems Inc
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 907 6th St SW, DC, Washington, DC
38 ° 52 ' 43.00 " N LAT. 77 ° 1 ' 16.00 " W LONG.

ANTENNA ID: 1 3 meters Harris Satellite Comm. Div. 5115
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05480 E E200186 Galaxy Utica Licensee LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Smith Hill #1
LOCATION: 5957 Smith Hill Rd, Oneida, Utica, NY
43 ° 8 ' 46.70 " N LAT. 75 ° 10 ' 50.20 " W LONG.

ANTENNA ID: 1 3.8 meters DH Satellite 38DH4

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video and Audio

Points of Communication:

Smith Hill #1 - PERMITTED LIST - ()

SES-REG-20181012-05481 E E200187 NFL Productions, LLC

Registration

10/12/2018 - 10/12/2033

Grant of Authority

Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Films1

LOCATION: One Sabol Way, Burlington, Mount Laurel, NJ

39 ° 57 ' 29.31 " N LAT.

74 ° 53 ' 47.94 " W LONG.

ANTENNA ID: ANT1-4 5 meters COMTECH 5M

3700.0000 - 4200.0000 MHz 3M70G0N NULL

3700.0000 - 4200.0000 MHz 4M20G0N NULL

ANTENNA ID: ANT5 5 meters DH Satellite 5M

3700.0000 - 4200.0000 MHz 3M70G0N NULL

3700.0000 - 4200.0000 MHz 4M20G0N NULL

Points of Communication:

Films1 - PERMITTED LIST - ()

Films1 - PERMITTED LIST - ()

SES-REG-20181012-05483 E E200189 WZTV Licensee, LLC

Registration

10/12/2018 - 10/12/2033

Grant of Authority

Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WZTV Site 3

LOCATION: 631 Mainstream Drive, Davidson, Nashville, TN

36 ° 11 ' 53.84 " N LAT.

86 ° 48 ' 59.73 " W LONG.

ANTENNA ID: 10 4.5 meters ASC 4.5M

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

WZTV Site 3 - PERMITTED LIST - ()

SES-REG-20181012-05484 E E200190 Door County Broadcasting Co. Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WDOR
LOCATION: 800 S. 15th Ave, Door, Sturgeon Bay, WI
44 ° 49 ' 39.14 " N LAT. 87 ° 21 ' 30.57 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech Comtech 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Modulation for Audio and Video Services

Points of Communication:

WDOR - PERMITTED LIST - ()

SES-REG-20181012-05496 E E200201 WDEF-TV, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3300 Broad Street, Hamilton, Chattanooga, TN
35 ° 0 ' 59.00 " N LAT. 85 ° 19 ' 18.00 " W LONG.

ANTENNA ID: 1 3.7 meters DH Unknown
3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS

ANTENNA ID: 2 3.8 meters Comtech Unknown
3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS

ANTENNA ID: 3 3.7 meters DH Unknown
3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY

3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS
ANTENNA ID: 4	3 meters	Unkown	Unknown
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS
ANTENNA ID: 5	3.2 meters	Unkown	Unknown
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS
ANTENNA ID: 6	3.7 meters	Genesis	Unknown
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS
ANTENNA ID: 7	3 meters	Unknown	Unknown
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO, W/AUDIO & DATA SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05502	E E200207	Benne Broadcasting of Versailles, LLC	10/12/2018 - 10/12/2033
Registration			Date Effective: 03/16/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 16875 Highway 52, Morgan, Barnett, MO
38 ° 24 ' 32.01 " N LAT. 92 ° 45 ' 42.22 " W LONG.

ANTENNA ID: 1	3.7 meters	Viking Satcom	P370FAE
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05503 E E200208 SHIRLEY M BELL MRS. (d/b/a KRRM RADIO)
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 225 Rogue River Hwy, Josephine, Grants Pass, OR
42 ° 25 ' 38.00 " N LAT. 123 ° 19 ' 52.00 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05506 E E200211 Heirborn Broadcasting, LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 602 West Elm St., Polk, Rockmart, GA
34 ° 0 ' 11.00 " N LAT. 85 ° 3 ' 24.00 " W LONG.

ANTENNA ID: 1 3.7 meters AFC PR 12/4
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL AUDIO CONTENT WITH VARYING DATA RATES

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05508 E E200213 JDL Broadcasting, Inc.
Registration 01/10/2018 - 01/10/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 627 Archer Avenue, Clark, Marshall, IL
39 ° 23 ' 28.10 " N LAT. 87 ° 41 ' 41.00 " W LONG.

ANTENNA ID: 1 3.7 meters DH Satellite 37DH1
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

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

SES-REG-20181012-05509 E E200214 Real Media, Inc.
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 156 Prince Street, Essex, Tappahannock, VA
37 ° 55 ' 43.70 " N LAT. 76 ° 51 ' 29.40 " W LONG.

ANTENNA ID: 1 2.4 meters Prodelin 1252
3700.0000 - 4200.0000 MHz 36M0G7W DVBS Data and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05510 E E200215 Northland Cable Ventures LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1012 S. 1st St., Dawson, Lamesa, TX
32 ° 43 ' 50.70 " N LAT. 101 ° 57 ' 36.20 " W LONG.

ANTENNA ID: 1 5 meters Scientific Atlanta Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Programming

ANTENNA ID: 2 3.7 meters Viking Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Programming

ANTENNA ID: 3 5 meters Scientific Atlanta Unknown

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID: 4	3.8 meters	Patriot	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID: 5	3.7 meters	Viking	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID: 6	3.8 meters	Patriot	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID: 7	3.8 meters	Patriot	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID: 8	3.8 meters	Patriot	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05511 E E200216 Nodaway Broadcasting Corporation
 Registration 10/12/2018 - 10/12/2033
 Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1618 South Main, Nodaway, Maryville, MO
 40 ° 19 ' 47.00 " N LAT. 94 ° 52 ' 29.20 " W LONG.

ANTENNA ID: 1	3 meters	Harris	5115
3700.0000 - 4200.0000 MHz	36M0G7W		Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05512 E E200217 Houston Christian Broadcasters, Inc.
 Registration 10/12/2018 - 10/12/2033
 Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3125 Ranch Road 12, Hays, San Marcos, TX
29 ° 54 ' 23.00 " N LAT. 98 ° 0 ' 2.00 " W LONG.

ANTENNA ID: 1 3 meters SAMI SI-10
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05514 E E200219 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/10/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: South Kenwood Dr., Texarkana, TX
33 ° 25 ' 52.00 " N LAT. 94 ° 5 ' 14.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05518 E E200223 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10315 N. US Hwy 281, Burnet, Burnet, TX
30 ° 53 ' 39.00 " N LAT. 98 ° 14 ' 12.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05521 E E200226 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 15770 Becker Lane, Galveston, Santa Fe, TX
29 ° 25 ' 33.00 " N LAT. 95 ° 8 ' 2.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05524 E E200228 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/10/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: End of Smokey Mountain Rd, Kerr, Kerrville, TX
30 ° 2 ' 37.00 " N LAT. 99 ° 7 ' 18.00 " W LONG.

ANTENNA ID: 1 3 meters SAMI SI-10

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05526 E E200230 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/10/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1036 Shady Grove, Marion, Jefferson, TX
32 ° 50 ' 7.00 " N LAT. 94 ° 28 ' 52.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05529 E E200233 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 280 Ocean Drive North, Calhoun, Port Lavaca, TX
28 ° 31 ' 14.00 " N LAT. 96 ° 30 ' 3.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05533 E E200237 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2935 Cypress Creek Rd, Kerr, Kerrville, TX
30 ° 3 ' 31.00 " N LAT. 99 ° 3 ' 52.00 " W LONG.

ANTENNA ID: KKER 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05537 E E200241 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: PR 1530, Leon, Leona, TX
31 ° 6 ' 41.00 " N LAT. 95 ° 57 ' 10.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05538 E E200242 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/10/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1401 Hwy 84-67 W, Brown, Brownwood, TX
31 ° 43 ' 46.00 " N LAT. 99 ° 1 ' 15.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05539 E E200243 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/10/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 531 Shell, Texarkana, AR
33 ° 24 ' 54.00 " N LAT. 93 ° 58 ' 11.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05541 E E200245 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Paris
LOCATION: 3975 FM 3298, Lamar, Powderly, TX
33 ° 49 ' 37.00 " N LAT. 95 ° 27 ' 49.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

Paris - PERMITTED LIST - ()

SES-REG-20181012-05546 E E200250 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1540 Persimmon, Walker, Hunstville, TX
30 ° 42 ' 55.00 " N LAT. 95 ° 31 ' 42.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05549 E E200253 Houston Christian Broadcasters, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10085 State Hwy. 87 N, Shelby, Timpson, TX
31 ° 50 ' 59.00 " N LAT. 94 ° 20 ' 46.00 " W LONG.

ANTENNA ID: 1 3 meters General Dynamics 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05551 E E200255 Manti Tele Communication Company , Inc
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site1
LOCATION: 50 West Center Street, Sanpete, Sterling, UT
39 ° 11 ' 37.79 " N LAT. 111 ° 41 ' 36.22 " W LONG.

ANTENNA ID: ANT1 5 meters ATCI Simulsat5
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

Points of Communication:

Site1 - PERMITTED LIST - ()

SES-REG-20181012-05552 E E200256 Nelson M Wilson (d/b/a KBGN)
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KBGN Studio
LOCATION: 3303 E. Chicago St, Canyon, Caldwell, ID
43 ° 39 ' 6.19 " N LAT. 116 ° 39 ' 26.64 " W LONG.

ANTENNA ID: KBGN-1 3.66 meters Channel Master TVRO 6107
3700.0000 - 4200.0000 MHz 30M0G7W Analog audio and digital audio file downloads

Points of Communication:

KBGN Studio - PERMITTED LIST - ()

KBGN Studio - PERMITTED LIST - ()

SES-REG-20181012-05590 E E200292 Edwards Communications LC
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Wind River Radio
LOCATION: 603 E Pershing, Fremont, Riverton, WY
43 ° 1 ' 48.10 " N LAT. 108 ° 22 ' 59.19 " W LONG.

ANTENNA ID: WRRN 3 meters Generic Fiberglass
3700.0000 - 4200.0000 MHz 36M0G7W Audio and Data

Points of Communication:

Wind River Radio - PERMITTED LIST - ()

SES-REG-20181012-05596 E E200299 Virden Broadcasting Corp.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Macomb 1
LOCATION: 1034 W Jackson St., McDonough, Macomb, IL, IL
40 ° 27 ' 32.90 " N LAT. 90 ° 41 ' 11.10 " W LONG.

ANTENNA ID: Macomb 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

Points of Communication:

Macomb 1 - PERMITTED LIST - ()

SES-REG-20181012-05597 E E200300 WZTV Licensee, LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WZTV Site 2
LOCATION: 631 Mainstream Drive, Davidson, Nashville, TN
36 ° 11 ' 53.36 " N LAT. 86 ° 49 ' 1.61 " W LONG.

ANTENNA ID: 6 4.5 meters Patriot PRT-450
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 7 3.7 meters Viking P370
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

WZTV Site 2 - PERMITTED LIST - ()

SES-REG-20181012-05598 E E200301 Home Field Communications, LLC
Registration 10/04/2018 - 10/04/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KNTK studio
LOCATION: 330 N 48th ST Suite A, Lancaster, Lincoln, NE
40 ° 48 ' 58.50 " N LAT. 96 ° 11 ' 11.70 " W LONG.

ANTENNA ID: C band - A 3 meters DH Satellite 30 DH1
3700.0000 - 4200.0000 MHz 36M0G7W Broadcast audio programming

Points of Communication:

KNTK studio - PERMITTED LIST - ()

SES-REG-20181012-05599 E E200302 Manning Broadcasting Inc
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 880 Commonwealth Ave, Washington, Hagerstown, MD
39 ° 37 ' 35.00 " N LAT. 77 ° 42 ' 36.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 Meter EL/AZ
INC.
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181012-05600 E E200303 EDB VV License LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 755 West 28th Street, Yuma, Yuma, AZ
32 ° 40 ' 32.92 " N LAT. 114 ° 37 ' 41.76 " W LONG.

ANTENNA ID: Yuma One 3.8 meters Challenger Prime
3700.0000 - 4200.0000 MHz 36M0G7W Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05601 E E200304 Frankfort Plant Board
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: FPB Headend
LOCATION: Tanglewood Dr., USA, Frankfort, KY
38 ° 11 ' 2.10 " N LAT. 84 ° 52 ' 54.94 " W LONG.

ANTENNA ID: FPB1 4.5 meters Patriot sse8345
3700.0000 - 4200.0000 MHz 30M0G7W Video

ANTENNA ID: FPB2 4.5 meters Patriot SSE 8345
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Video

ANTENNA ID: FPB3 4.5 meters Patriot SSE 8345
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Video

ANTENNA ID: FPB4 4.5 meters Patriot SSE 8345
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Video

ANTENNA ID: FPB5 4.5 meters Patriot SSE 8345
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Video

ANTENNA ID: FPB6 4.5 meters Patriot SSE 8345
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Video

ANTENNA ID: FPB7 4.5 meters Patriot SSE 8345
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Video

ANTENNA ID: FPB8 4.5 meters Patriot SSE 8345

3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Video
ANTENNA ID: FPB9	4.5 meters	Patriot	SSE 8345
3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Video
ANTENNA ID: FPB10	4.5 meters	Patriot	SSE 8345
3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Video
ANTENNA ID: FPB11	4.5 meters	Patriot	SSE 8345
3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Video
ANTENNA ID: FPB12	4.5 meters	Patriot	SSE 8345
3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Video

Points of Communication:

FPB Headend - PERMITTED LIST - ()

SES-REG-20181012-05603	E E200306	Capital Media Corporation	10/12/2018 - 10/12/2033
Registration			Date Effective: 03/11/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 30 Park Avenue, Albany, Cohoes, NY
42 ° 46 ' 35.00 " N LAT. 73 ° 41 ' 13.00 " W LONG.

ANTENNA ID: 3.0M	3 meters	Scientific Atlanta	3.0M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05604	E E200307	WTWC Licensee, LLC	10/12/2018 - 10/12/2033
Registration			Date Effective: 03/11/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WTWC Site 1
LOCATION: 8440 Deerlake Road, Leon, Tallahassee, FL
30 ° 35 ' 11.70 " N LAT. 84 ° 14 ' 10.70 " W LONG.

ANTENNA ID:	2	4.5 meters	DH	DH450
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	1	3.8 meters	Patriot	PRT380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	3 meters	Patriot	PRT300
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

WTWC Site 1 - PERMITTED LIST - ()

SES-REG-20181012-05605	E	E200308	Long Nine, Inc.	
Registration				10/12/2018 - 10/12/2033
Grant of Authority				Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MWFB Studio
 LOCATION: 1510 N 3rd St, Sangamon, Riverton, IL
 39 ° 51 ' 43.03 " N LAT. 89 ° 32 ' 32.59 " W LONG.

ANTENNA ID:	Site 1	3 meters	Prodelin	1304
	3700.0000 - 4200.0000 MHz		36M0G7W	Analog/Digital Audio and Video Signals

Points of Communication:

MWFB Studio - PERMITTED LIST - ()

SES-REG-20181012-05606	E	E200309	Galaxy Syracuse Licensee LLC	
Registration				10/12/2018 - 10/12/2033
Grant of Authority				Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Walton St. #1
 LOCATION: 235 Walton St., Onondaga, Syracuse, NY
 43 ° 2 ' 51.60 " N LAT. 76 ° 9 ' 27.00 " W LONG.

ANTENNA ID:	1	3.8 meters	DH Satellite	38DH4
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Audio

Points of Communication:

Walton St. #1 - PERMITTED LIST - ()

SES-REG-20181012-05609 E E200311 Tower Broadcasting LLC
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Elmira Studio
LOCATION: 1705 Lake Road, Chemung, Elmira, NY

ANTENNA ID: ANT1 3.7 meters DAWNco SATPACK-D37-radio
3700.0000 - 4200.0000 MHz 36M0G7W Digital

Points of Communication:

Elmira Studio - PERMITTED LIST - ()

SES-REG-20181012-05615 E E200317 CTC Media Group
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A
LOCATION: 1202 Pollock Street, Craven, New Bern, NC
35 ° 6 ' 25.60 " N LAT. 77 ° 3 ' 9.10 " W LONG.

ANTENNA ID: ANT1 2.4 meters Viking Series 1252
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20181013-05619 E E200321 ventura tv video and appliance center, inc.
Registration 10/13/2018 - 10/13/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3619 E Ventura Ave, Fresno, Fresno, CA
36 ° 44 ' 10.18 " N LAT. 119 ° 45 ' 49.50 " W LONG.

ANTENNA ID: 1 3 meters Prodeline Prime Focus

3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Digital Video
ANTENNA ID: 2	3.7 meters	Prodelin	Prime Focus
3700.0000 - 4200.0000 MHz	30M0G7W		Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181013-05620 E E200322 Delta Broadcasting, LLC
 Registration 10/13/2018 - 10/13/2033
 Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
 LOCATION: 390 S Highway 102, Mississippi, East Prairie, MO
 36 ° 47 ' 49.50 " N LAT. 89 ° 21 ' 22.60 " W LONG.

ANTENNA ID: ANT1	4.5 meters	Prime Focus	10' Mesh
3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	Digital Audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181013-05621 E E200323 Vizella Media, LLC
 Registration 10/13/2018 - 10/13/2033
 Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WPIE
 LOCATION: 3100 N. Triphammer Rd. Suite 100, Tompkins, Lansing, NY
 42 ° 32 ' 12.90 " N LAT. 76 ° 29 ' 36.10 " W LONG.

ANTENNA ID: Prodelin	3.7 meters	Prodelin	Series 1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio and Video Signals

Points of Communication:

WPIE - PERMITTED LIST - ()

SES-REG-20181013-05624 E E200326 Elyria Lorain Broadcasting Company
Registration 10/13/2018 - 10/13/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WEOL Studio
LOCATION: 538 Broad St., Lorain, Elyria, OH
41 ° 22 ' 2.50 " N LAT. 82 ° 6 ' 31.60 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	Comtech	3.8 meter	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Audio
	3700.0000 - 4200.0000 MHz		36M0F8W	0.00 dBW	Analog Audio

Points of Communication:

WEOL Studio - PERMITTED LIST - ()

SES-REG-20181013-05625 E E200327 Armstrong Utilities, Inc.
Registration 10/13/2018 - 10/13/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 2
LOCATION: 4002 Shopes Creek Rd, Boyd, Catlettsburg, PA
38 ° 24 ' 4.00 " N LAT. 82 ° 39 ' 27.00 " W LONG.

ANTENNA ID:	BoydCoKY	3.8 meters	Patriot	ISO 9001/2000	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video

Points of Communication:

2 - PERMITTED LIST - ()

SES-REG-20181013-05627 E E200329 Team Radio LLC
Registration 10/13/2018 - 10/13/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KOSB Studio
LOCATION: 112 W 7th St, Payne, Stillwater, OK
36 ° 6 ' 53.30 " N LAT. 97 ° 3 ' 33.80 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	VSAT	3.8 meter	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Audio
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Analog Audio

Points of Communication:

KOSB Studio - PERMITTED LIST - ()

SES-REG-20181013-05628	E	E200330	Flagler Broadcasting, LLC	10/13/2018 - 10/13/2033	
Registration				Date Effective:	03/13/2020
Grant of Authority					

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WNZF Studio
LOCATION: 2405 E Moody Blvd Bldg 4, Flagler, Bunnell, FL
29 ° 28 ' 27.30 " N LAT. 81 ° 14 ' 34.70 " W LONG.

ANTENNA ID:	ANT1	3.7 meters	Comtech	3.7 Meter	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Audio

Points of Communication:

WNZF Studio - PERMITTED LIST - ()

SES-REG-20181013-05629	E	E200331	Fiorini Broadcasting, LLC	10/13/2018 - 10/13/2033	
Registration				Date Effective:	03/13/2020
Grant of Authority					

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WENG Englewood
LOCATION: 1355 S River Rd, Sarasota, Englewood, FL
26 ° 58 ' 17.34 " N LAT. 82 ° 19 ' 25.32 " W LONG.

ANTENNA ID:	Main Dish	3.8 meters	Comtech	934D0015-G2
	3700.0000 - 4200.0000 MHz		3M00G7W	Digital Audio from radio syndication networks

Points of Communication:

WENG Englewood - PERMITTED LIST - ()

SES-REG-20181013-05630 E E200332 D & K Distributors, Inc.
Registration

Date Effective:

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KEYL Studio

LOCATION: 221 Central Avenue Suite 6, Todd, Long Prairie, MN
45 ° 58 ' 25.58 " N LAT.

94 ° 51 ' 42.24 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin 3.7 Meter

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Audio

Points of Communication:

KEYL Studio - PERMITTED LIST - ()

SES-REG-20181013-05631 E E200333 James D Turner (d/b/a WMTM-AM-FM)

Registration

10/13/2018 - 10/13/2033

Grant of Authority

Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WMTM Studio

LOCATION: 100 WMTM Road, Colquitt, Moultrie, GA
31 ° 10 ' 21.50 " N LAT.

83 ° 44 ' 52.40 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin 3.7 Meter

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Audio

Points of Communication:

WMTM Studio - PERMITTED LIST - ()

SES-REG-20181014-05632 E E200334 Flood Broadcasting, Inc.

Registration

10/14/2018 - 10/14/2033

Grant of Authority

Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 911 Central Ave., Otoe, Nebraska City, NE
40 ° 40 ' 34.60 " N LAT.

95 ° 51 ' 26.90 " W LONG.

ANTENNA ID: ANT 1 3 meters D & H 30DH1

SITE ID: Jamaica Court
LOCATION: 3001 S. Jamaica Ct., Arapahoe, Aurora, CO
39 ° 39 ' 41.00 " N LAT. 104 ° 51 ' 45.00 " W LONG.

ANTENNA ID: JC1 3.8 meters Patriot Antenna Sys. PRT-380AZ
3700.0000 - 4200.0000 MHz 36M0G7W Digital
ANTENNA ID: JC2 3.8 meters Patriot Antenna Sys. PRT-380AZ
3700.0000 - 4200.0000 MHz 36M0G7W Digital

Points of Communication:

Jamaica Court - PERMITTED LIST - ()

SES-REG-20181014-05655 E E200352 KNAB, Inc. 10/12/2018 - 10/12/2033
Registration Date Effective: 03/12/2020
Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 17543 CR 49, BURLINGTON, CO
37 ° 17 ' 41.00 " N LAT. 102 ° 15 ' 38.70 " W LONG.

ANTENNA ID: Ant 1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181014-05658 E E200355 PINES BROADCASTING, INC. 10/12/2018 - 10/12/2033
Registration Date Effective: 03/12/2020
Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Warren, AR Site
LOCATION: 1255 N. MYRTLE, Bradley, WARREN, AR
33 ° 38 ' 8.50 " N LAT. 92 ° 3 ' 48.90 " W LONG.

ANTENNA ID: ANT1 3.7 meters STI D-ST12
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

Warren, AR Site - PERMITTED LIST - ()

SES-REG-20181014-05659 E E200356 PINES BROADCASTING, INC.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/12/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Monticello, AR Site
LOCATION: 279 Midway Route, Drew, Monticello, AR
33 ° 36 ' 15.50 " N LAT. 91 ° 47 ' 13.00 " W LONG.

ANTENNA ID: Site 1 3.7 meters STI D-ST12
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

Monticello, AR Site - PERMITTED LIST - ()

SES-REG-20181015-05515 E E200220 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: End of Smokey Mountain Rd, Kerr, Kerrville, TX
30 ° 2 ' 37.00 " N LAT. 99 ° 7 ' 18.00 " W LONG.

ANTENNA ID: 1 3 meters SAMI SI-10
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05525 E E200229 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1168 CR235, Lee, Giddings, TX
30 ° 9 ' 57.00 " N LAT. 96 ° 52 ' 17.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304
3700.0000 - 4200.0000 MHz 400KG7W
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05527 E E200231 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 280 Ocean Drive North, Calhoun, Port Lavaca, TX
28 ° 31 ' 14.00 " N LAT. 96 ° 30 ' 3.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05530 E E200234 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4466 Box Canyon Road, Val Verde, Del Rio, TX
29 ° 32 ' 27.00 " N LAT. 101 ° 7 ' 23.00 " W LONG.

ANTENNA ID: 1 3 meters General Dynamics 1304
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05532 E E200236 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 15770 Becker Lane, Galveston, Santa Fe, TX
29 ° 25 ' 33.00 " N LAT. 95 ° 8 ' 2.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05534 E E200238 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 676 Still Creek Rd, Clark, AR
34 ° 13 ' 52.00 " N LAT. 93 ° 16 ' 47.00 " W LONG.

ANTENNA ID: 1 3 meters General Dynamics 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05535 E E200239 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2278 Old Highway 20, Bastrop, McDade, TX
30 ° 12 ' 56.00 " N LAT. 97 ° 8 ' 33.00 " W LONG.

ANTENNA ID: 1 3 meters SAMI SI-10

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05536 E E200240 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 925 Plain Dealing Road, Webster, Springhill, LA
33 ° 0 ' 32.00 " N LAT. 93 ° 28 ' 39.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05542 E E200246 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2001 Waymaker Way, Travis, Austin, TX
30 ° 19 ' 22.00 " N LAT. 97 ° 48 ' 9.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05543 E E200247 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 19801 N Hwy 77, Victoria, Victoria, TX
29 ° 0 ' 6.00 " N LAT. 97 ° 0 ' 6.00 " W LONG.

ANTENNA ID: 1 3 meters General Dynamics 1304
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05544 E E200248 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/11/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 19801 N Hwy 77, Victoria, Victoria, TN
29 ° 0 ' 6.00 " N LAT. 97 ° 0 ' 6.00 " W LONG.

ANTENNA ID: 1 3 meters General Dynamics 1304
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05545 E E200249 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/10/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 13840 Hwy 84 E, De Soto, Stanley, LA
31 ° 57 ' 45.00 " N LAT. 93 ° 54 ' 1.00 " W LONG.

ANTENNA ID: 1 3.7 meters Heritage 3700cm
3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05548 E E200252 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 22 Utility Drive, Flagler, Palm Coast, FL
29 ° 32 ' 53.00 " N LAT. 81 ° 12 ' 32.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-05711 E E200400 Arizona State University
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAET/CSJ Studio
LOCATION: 555 N. Central Av Suite 500, Maricopa, Phoenix, AZ
33 ° 27 ' 13.20 " N LAT. 112 ° 4 ' 22.50 " W LONG.

ANTENNA ID: KAET/CSJ 4.5 meters Patriot Antenna Systems PRT-450

3700.0000 - 4200.0000 MHz 36M0G7W 8PSK TV programming streams

Points of Communication:

KAET/CSJ Studio - PERMITTED LIST - ()

SES-REG-20181017-05493 E E200198 TDS BROADBAND SERVICE LLC
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 03/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1006 E Holland Ave, Alpine, TX
30 ° 21 ' 35.90 " N LAT. 103 ° 39 ' 6.95 " W LONG.

ANTENNA ID: 1 3.8 meters Patroit Comm Ant EZ Mount

3700.0000 - 4200.0000 MHz	36M0G7W		
ANTENNA ID: 2	3.8 meters	Patroit	Comm Ant EZ Mount
3700.0000 - 4200.0000 MHz	36M0G7W		
ANTENNA ID: 3	3.8 meters	Patroit	Comm Ant EZ Mount
3700.0000 - 4200.0000 MHz	36M0G7W		
ANTENNA ID: 4	3.8 meters	Patroit	Comm Ant EZ Mount
3700.0000 - 4200.0000 MHz	36M0G7W		

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200228-00225	E	E050084	Kuskokwim Public Broadcasting Corp.	
Renewal				03/29/2020 - 03/29/2035
Grant of Authority				Date Effective: 03/13/2020

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 870 AIRPORT ROAD (KSKO-AM), YUKON KOYUKUK, MCGRATH, AK
 62 ° 57 ' 25.20 " N LAT. 155 ° 35 ' 56.00 " W LONG.

ANTENNA ID: 1	4.5 meters	PATRIOT ANTENNA SYSTEMS	PRIME FOCUS
3700.0000 - 4200.0000 MHz	10M3G7W	0.00 dBW	DIGITAL BROADCAST AUDIO CARRIER
3700.0000 - 4200.0000 MHz	30K0F1D	0.00 dBW	DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20191126-01593	E	E190099	SES Americom, Inc.	
Special Temporary Authority				
Grant of Authority				Date Effective: 03/11/2020

Class of Station:

SES Americom, Inc. was granted special temporary authority for 30 days, beginning March 11, 2020, to operate its fixed earth station in Haleiwa, HI to provide telemetry, tracking and command (TT&C) services for the Dutch-licensed NSS-6 satellite during its drift from 86.8° W.L to its authorized orbital location of 169.5° W.L. on the following center frequencies: 14496.0 MHz and 14499.0 MHz (Earth-to-space), 11198.0 MHz and 11199.5 MHz (space-to-Earth).

Points of Communication:

SES-STA-20191219-01752 E E980285 DIRECTV Enterprises, LLC

Special Temporary Authority
Grant of Authority

Date Effective: 03/12/2020

Class of Station:

On March 12, 2020, DIRECTV Enterprises, LLC was granted special temporary authority for 60 days, beginning March 15, 2020, to operate its fixed earth station in Castle Rock, CO to provide telemetry, tracking and command services for the SPACEWAY 2 (S2133) satellite during its drift from the 99.075° W.L. orbital location to its new permanent location at 138.9° W.L. and to maintain the satellite at the 138.9° W.L. orbital location. Operations are limited to center frequencies: 29503.9063 MHz and 29511.7189 MHz (Earth-to-space), and 19701.75 MHz and 19702.75 MHz (space-to-Earth).

Points of Communication:

SES-STA-20200221-00192 E E070123 DIRECTV Enterprises, LLC

Special Temporary Authority
Grant of Authority

Date Effective: 03/13/2020

Class of Station:

On March 13, 2020, DIRECTV Enterprises LLC, was granted special temporary authority for 30 days, beginning March 15, 2020, to operate its fixed earth station in Long Beach, CA to provide telemetry, tracking and command (TT&C) services for the SPACEWAY 2 (S2133) satellite during its drift from the 99.075° W.L. orbital location to its new permanent location at 138.9° W.L. on the following center frequencies: 29503.9063 MHz, and 29511.7189 MHz (Earth-to-space) and 19701.75 MHz and 19702.75 MHz (space-to-Earth).

Points of Communication:

SES-STA-20200221-00193 E E080025 DIRECTV Enterprises, LLC

Special Temporary Authority
Grant of Authority

Date Effective: 03/13/2020

Class of Station:

On March 13, 2020, DIRECTV Enterprises LLC, a wholly-owned subsidiary of AT&T, Inc. (collectively AT&T) was granted special temporary authority for 30 days, beginning March 15, 2020, to operate its fixed earth station in Castle Rock, CO to provide telemetry, tracking and command (TT&C) services for the SPACEWAY 2 (S2133) satellite during its drift from the 99.075° W.L. orbital location to its new permanent location at 138.9° W.L. on the following center frequencies: 29503.9063 MHz, and 29511.7189 MHz (Earth-to-space) and 19701.75 MHz and 19702.75 MHz (space-to-Earth).

Points of Communication:

SES-STA-20200221-00194 E E080056 DIRECTV Enterprises, LLC

Special Temporary Authority
Grant of Authority

Date Effective: 03/13/2020

Class of Station:

On March 13, 2020, DIRECTV Enterprises LLC, a wholly-owned subsidiary of AT&T, Inc. (collectively AT&T) was granted special temporary authority for 30 days, beginning March 15, 2020, to operate its fixed earth station in Moxee, WA to provide telemetry, tracking and command (TT&C) services for the SPACEWAY 2 (S2133) satellite during its drift from the 99.075° W.L. orbital location to its new permanent location at 138.9° W.L. on the following center frequencies: 29503.9063 MHz, and 29511.7189 MHz (Earth-to-space) and 19701.75 MHz and 19702.75 MHz (space-to-Earth).

Points of Communication:

SES–STA–20200228–00206 E KB34 Comsat, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 03/10/2020

Class of Station:

On March 10, 2020, COMSAT, Inc was granted special temporary authority for 60 days, beginning March 10, 2020, to operate its Santa Paula, CA 12.8-meter Hub antenna to communication with the Inmarsat 3F2 satellite at the 15.5° W.L. orbital location on the following center frequencies: 1638.90 MHz 1639.18 MHz, 1639.22 MHz, (Earth-to-space) and 1537.29 MHz, and 1537.295 MHz (space-to-Earth); and 6423.5 MHz, 6421.5 MHz, 6341.5 MHz, and 6339.5 MHz, (Earth-to-space) and 3950.6 MHz, and 3928.5 MHz (space-to-Earth)

Points of Communication:

SES–STA–20200302–00211 E E050018 Newcom International, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 03/13/2020

Class of Station:

On March 13, 20220, NewCom International, Inc. was granted special temporary authority for 60 days, beginning March 13, 2020, to operate its fixed earth station 2.4-meter antenna in Miami, FL to communicate with the EUTELSAT 115WB (S2938) satellite at the 114.9° W.L orbital location in the 5925-6182.065 MHz (Earth-to-space) frequency band, and operate a 13-meter antenna to communicate with the INTELSAT-904 (S2408) satellite at the 24.9° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20200302–00217 E E191335 UNIVERSITY OF ALASKA DBA
Special Temporary Authority
Grant of Authority

Date Effective: 03/16/2020

Class of Station:

On March 16, 2020, University of Alaska d/b/a KUAC was granted special temporary authority for 60 days, beginning March 16, 2020, to operate a 4.5-meter antenna in Fairbanks, AK to communicate with the AMC-18 (S2713) satellite at the 139° W.L. orbital location in the 6060-6425 MHz (Earth-to-space) frequency band.

Points of Communication:

SES–STA–20200304–00213 E E150004 Planet Labs Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 03/13/2020

Class of Station:

On March 13, 2020, Planet Labs Inc. was granted special temporary authority for 60 days, beginning March 13, 2020, to operate its fixed earth station in Maddock, ND to communicate with the SkySat (S2862) satellite system in the 449.97-450.03 MHz and 2055.345-2056.6550 MHz (Earth-to-space), and 401.27-401.33 MHz and 8025-8400 MHz (space-to Earth) frequency bands on a non-interference and non-protected basis.

Points of Communication:

SES–STA–20200304–00220 E E170122 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Date Effective: 03/13/2020

Class of Station:

On March 13, 2020, Intelsat License LLC was granted special temporary authority for 60 days, beginning March 13, 2020, to continue to operate its fixed earth station in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services for the Galaxy 11 (S2253) satellite On-Station at the 93.1° W.L. permanent orbital location. TT&C operations will continue to be performed using the following frequencies: 14000.5 MHz and 14498.5 MHz (Earth-to-space); and 11701.0 MHz and 11702.0 MHz (space-to-Earth).

Points of Communication:

SES–STA–20200306–00222 E E190862 GCI Communication Corp.

Special Temporary Authority

Grant of Authority

Date Effective: 03/16/2020

Class of Station:

On March 16, 2020, GCI Communication Corp. was granted special temporary authority for 60 days, beginning March 16, 2020, to operate its 4.5-meter antenna in Huslia, AK to communicate with the Galaxy 18 (S2733) satellite at the 123° W.L. orbital location and the ANIK F3 (S2703) satellite at the 118.7° W.L. orbital location in the 3700–4200 MHz (space-to Earth), and 5925–6425 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES–STA–20200309–00224 E KA288 SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 03/16/2020

Class of Station:

On March 16, 2020, SES Americom, Inc. was granted special temporary authority for 30 days to operate its fixed earth station in Somis, CA to provide telemetry, tracking and command (TT&C) services for the Dutch-licensed NSS-6 satellite as it drifts from 95° E.L. orbital location to 86.8° W.L. orbital location on the following center frequencies: 14496.0 MHz and 14499.0 MHz (Earth-to-space), 11198.0 MHz and 11199.5 MHz (space-to-Earth).

Points of Communication:

SES–STA–20200310–00233 E E4132 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 03/13/2020

Class of Station:

On March 13, 2020, Intelsat License LLC was granted special temporary authority for 30 days, beginning March 14, 2020, to operate its fixed earth station in Fillmore, CA to provide launch and early orbit phase (LEOP) services for the GISAT-1 satellite licensed by India as it drifts to the 93.5° E.L. orbital location. LEOP services will be performed on the following center frequencies: 6423.208 MHz, and 6425.980 MHz (Earth-to-space); and 4199.145 MHz, and 4199.582 MHz (space-to-Earth).

Points of Communication:

SES–STA–20200312–00237 E E170039 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 03/12/2020

Class of Station:

On March 12, 2020, Intelsat License LLC was granted special temporary authority for 30 days, beginning March 16, 2020, to operate its fixed earth station in Riverside, CA to provide telemetry, tracking and command (TT&C) services for its SPACEWAY 2 (S2133) satellite during the satellite's drift from 99.075° W.L. to 138.9° W.L. orbital location on the following center frequencies: 29503.9063 MHz and 29511.7189 MHz (Earth-to-space) and 19701.75 MHz and 19702.75 MHz (space-to-Earth).

Points of Communication:

SES–STA–20200312–00241 E E990323 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 03/16/2020

Class of Station:

On March 16, 2020, Intelsat License LLC was granted special temporary authority for 30 days, beginning March 23, 2020, to operate fixed earth station in Castle Rock, CO to provide back-up telemetry, tracking and command "TT&C) services for the United Kingdom licensed HYLAS-1 satellite as it drifts from 79.0° W.L. orbital location on the following center frequencies 17302.048 MHz and 17305.051 MHz (Earth-to-space); and 11701.008 MHz and 11702.808 MHz (space-to-Earth).

Points of Communication:

SES–STA–20200316–00244 E E000220 AMC Networks Broadcasting and Technology LLC

Special Temporary Authority

Grant of Authority

Date Effective: 03/17/2020

Class of Station:

On March 17, 2020, AMC Networks was granted special temporary authority, for 60 days beginning March 17, 2020, to operate earth stations E000220, E040445, E000597, E000228, and E010028 by remote control.

Points of Communication:

SURRENDER

SES-LIC-20050228-00236 E050050 Westar Satellite Services LP

License surrendered by letter filed on March 11, 2020.

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