



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02251

Wednesday March 18, 2020

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-AMD-20181016-03229 E E181396 Bresnan Communications, LLC
Amendment
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02244 for a description of this application.

SITE ID: 1
LOCATION: 2105.5 Cedar Ave, Fremont, Canon City, CO
38 ° 25 ' 7.20 " N LAT. 105 ° 11 ' 9.10 " W LONG.

ANTENNA ID:	1	5 meters	Antenna Technology Corp.	Simulsat 5M
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters DH Satellite	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 11	3.8 meters Patriot	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data
ANTENNA ID: 12	3.8 meters Patriot	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data
ANTENNA ID: 13	3.8 meters Patriot	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data
ANTENNA ID: 14	3.7 meters Eagle	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data
ANTENNA ID: 15	3.8 meters Patriot	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20181016-03247 E E181397 Bresnan Communications, LLC
 Amendment
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02245 for a description of this application.

SITE ID: 1
LOCATION: 315 3rd St, Delta, Paonia, CO
38 ° 52 ' 7.20 " N LAT. 107 ° 35 ' 41.00 " W LONG.

ANTENNA ID:	1	5 meters	Antenna Technology Corp.	Simulsat 5M
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	11	3.8 meters	Patriot	Unknown
		3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data
ANTENNA ID:	12	3.7 meters	Eagle	Unknown

3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data
ANTENNA ID: 13	3.2 meters Scientific-Atlanta	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data
ANTENNA ID: 14	4.5 meters Scientific-Atlanta	Unknown
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20181016-03292 E E181408 Spectrum Mid-America, LLC
 Amendment
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02258 for a description of this application.

SITE ID: 1
 LOCATION: 970 Hwy 60W, Union, Morganfield, KY
 37 ° 40 ' 21.40 " N LAT. 87 ° 55 ' 37.70 " W LONG.

ANTENNA ID: 1	5 meters Antenna Technology Corp.	Simulsat 5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 2	5 meters Scientific-Atlanta	8008B
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 3	4.6 meters Andrew	ESA46
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 4	4.6 meters Scientific-Atlanta	8346
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 5	4.5 meters Andrew	ESA45
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters DH Satellite	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters Scientific-Atlanta	8345

3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters	Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters	Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 11	3 meters	SA	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W		Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20191223-01772 E E190862 GCI Communication Corp.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-LIC-20191016-01311 for a description of this application.

SITE ID: 1

LOCATION: Huslia, AK

65 ° 41 ' 50.20 " N LAT.

156 ° 21 ' 47.20 " W LONG.

ANTENNA ID: 1	4.5 meters	Scientific Atlanta	8345
5925.0000 - 6425.0000 MHz	36M0D7W	68.91 dBW	Amplitude and Angle Modulated Voice, Video, and Data services
5925.0000 - 6425.0000 MHz	60K0D7W -	54.96 dBW	Amplitude and Angle Modulated Voice, Video, and Data services
5925.0000 - 6425.0000 MHz	36M0G7W	68.91 dBW	Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	45K0G7W-	53.71 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0D7W		Amplitude and Angle Modulated Voice, Video, and Data services
3700.0000 - 4200.0000 MHz	60K0D7W -		Amplitude and Angle Modulated Voice, Video, and Data services

3700.0000 - 4200.0000 MHz	36M0G7W	Phase modulated voice, video, and data services.
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3700.0000 - 4200.0000 MHz	45K0G7W-	Phase modulated voice, video, and data services.
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Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191016-01311 E E190862 GCI Communication Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

GCI Communications Corp. amended this application by IBFS File No. SES-AMD-20191223-01772 to submit an updated coordination report.

SITE ID: 1

LOCATION: Huslia, AK

65 ° 41 ' 50.20 " N LAT.

156 ° 21 ' 47.20 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz	45K0G7W-	Phase modulated voice, video, and data services.
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3700.0000 - 4200.0000 MHz	36M0G7W	Phase modulated voice, video, and data services.
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3700.0000 - 4200.0000 MHz	60K0D7W -	Amplitude and Angle Modulated Voice, Video, and Data services
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3700.0000 - 4200.0000 MHz	36M0D7W	Amplitude and Angle Modulated Voice, Video, and Data services
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5925.0000 - 6425.0000 MHz	45K0G7W-	53.71 dBW	Phase modulated voice, video, and data services.
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5925.0000 - 6425.0000 MHz	36M0G7W	68.91 dBW	Phase modulated voice, video, and data services.
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5925.0000 - 6425.0000 MHz	60K0D7W -	54.96 dBW	Amplitude and Angle Modulated Voice, Video, and Data services
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5925.0000 - 6425.0000 MHz	36M0D7W	68.91 dBW	Amplitude and Angle Modulated Voice, Video, and Data services
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Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191203-01606 E E191335 UNIVERSITY OF ALASKA DBA

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Ballaine Parking Lot, Fairbanks North Star, Fairbanks, AK

64 ° 51 ' 30.20 " N LAT.

147 ° 49 ' 7.10 " W LONG.

ANTENNA ID:	1	4.5 meters	ASC Signal	4.5 meter
6060.0000 - 6107.0000 MHz		14M6G7W	69.00 dBW	Digital Data Carrier
6168.0000 - 6210.0000 MHz		14M6G7W	69.00 dBW	Digital Data Carrier
6241.0000 - 6256.0000 MHz		14M6G7W	69.00 dBW	Digital Data Carrier
6272.0000 - 6359.0000 MHz		14M6G7W	69.00 dBW	Digital Data Carrier
6391.0000 - 6425.0000 MHz		14M6G7W	69.00 dBW	Digital Data Carrier

Points of Communication:

1 - AMC-18 (S2713) - (139 WL)

SES-MFS-20190509-00575 E E170122 Intelsat License LLC

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Intelsat License LLC requests modification of its fixed earth station in Ellenwood, GA to: (1) add the Galaxy 11 (S2253) satellite at the 93.1° W.L. orbital location as a new point of communication; (2) add new emission designators, and (3) correct minor changes to the site ID.

SITE ID: 1

LOCATION: 2857 Fork Creek Church Road, Clayton, Ellenwood, GA

33 ° 39 ' 52.80 " N LAT.

84 ° 16 ' 12.00 " W LONG.

ANTENNA ID:	ATL-K28	16.4 meters	General Dynamics	16.4 FMA
12750.0000 - 13250.0000 MHz		36M0G7W	83.30 dBW	Digital Data
12750.0000 - 13250.0000 MHz		62M5G7W	83.30 dBW	Digital Data
12750.0000 - 13250.0000 MHz		1M00G7W	83.30 dBW	Digital Data
13750.0000 - 13770.0000 MHz		20M0G7W	85.00 dBW	Digital Data
13249.5000 - 13249.5000 MHz		850KG7D	83.30 dBW	TT&C
14498.5000 - 14498.5000 MHz		850KG7D	74.50 dBW	TT&C
10950.0000 - 11200.0000 MHz		36M0G7W		Digital Data
11450.0000 - 12200.0000 MHz		36M0G7W		Digital Data

10950.0000 - 11200.0000 MHz	62M5G7W		Digital Data
11450.0000 - 12200.0000 MHz	62M5G7W		Digital Data
10950.0000 - 11200.0000 MHz	1M00G7W		Digital Data
11450.0000 - 12200.0000 MHz	1M00G7W		Digital Data
14494.5000 - 14494.5000 MHz	850KG7D	74.50 dBW	TT&C
14000.5000 - 14000.5000 MHz	850KG7D	74.50 dBW	TT&C
13246.5000 - 13246.5000 MHz	850KG7D	83.30 dBW	TT&C
13995.5000 - 13995.5000 MHz	850KG7D	85.00 dBW	TT&C
13750.5000 - 13750.5000 MHz	850KG7D	85.00 dBW	TT&C
13994.5000 - 13994.5000 MHz	850KG7D	85.00 dBW	TT&C
13997.5000 - 13997.5000 MHz	850KG7D	85.00 dBW	TT&C
14499.5000 - 14499.5000 MHz	850KG7D	74.50 dBW	TT&C
14001.0000 - 14001.0000 MHz	850KG7D	74.50 dBW	TT&C
14496.5000 - 14496.5000 MHz	850KG7D	74.50 dBW	TT&C
11200.0000 - 11450.0000 MHz	36M0G7W		Digital Data
13753.0000 - 13753.0000 MHz	850KG7D	85.00 dBW	TT&C
14003.0000 - 14003.0000 MHz	850KG7D	74.50 dBW	TT&C
14497.0000 - 14497.0000 MHz	850KG7D	74.50 dBW	TT&C
11700.5000 - 11700.5000 MHz	850KG7D		TT&C
11702.0000 - 11702.0000 MHz	850KG7D		TT&C
11448.0000 - 11448.0000 MHz	850KG7D		TT&C
11449.0000 - 11449.0000 MHz	850KG7D		TT&C
11451.2500 - 11451.2500 MHz	850KG7D		TT&C
11451.7500 - 11451.7500 MHz	850KG7D		TT&C
11453.2500 - 11453.2500 MHz	850KG7D		TT&C
11453.7500 - 11453.7500 MHz	850KG7D		TT&C

12198.2500 - 12198.2500 MHz	850KG7D		TT&C
12198.7500 - 12198.7500 MHz	850KG7D		TT&C
11700.7500 - 11700.7500 MHz	850KG7D		TT&C
11702.2500 - 11702.2500 MHz	850KG7D		TT&C
11696.0000 - 11696.0000 MHz	850KG7D		TT&C
11697.0000 - 11697.0000 MHz	850KG7D		TT&C
11702.0000 - 11702.0000 MHz	850KG7D		TT&C
11703.0000 - 11703.0000 MHz	850KG7D		TT&C
11705.5000 - 11705.5000 MHz	850KG7D		TT&C
12198.0000 - 12198.0000 MHz	850KG7D		TT&C
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
13770.0000 - 13780.0000 MHz	10M0G7W	73.10 dBW	Digital Data
13780.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13780.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14500.0000 MHz	1M00G7W	75.20 dBW	Digital Data
14498.5000 - 14498.5000 MHz	800KF7D	88.00 dBW	TT&C
14000.5000 - 14000.5000 MHz	800KF7D	88.00 dBW	TT&C
11702.0000 - 11702.0000 MHz	300KF7D		TT&C
11701.0000 - 11701.0000 MHz	300KF7D		TT&C

Points of Communication:

- 1 - GALAXY 11 - (93.1 W.L.)
- 1 - GALAXY 16 (S2687) - (99 W.L.)
- 1 - GALAXY 17 (S2715) - (91 W.L.)
- 1 - GALAXY 18 (S2733) - (123 W.L.)
- 1 - GALAXY 19 (S2647) - (97 W.L.)
- 1 - GALAXY 23 (S2592) - (121 W.L.)

- 1 - GALAXY 25 (S2154) - (93.1 W.L.)
- 1 - GALAXY 28 (S2160) - (89.0 W.L.)
- 1 - GALAXY 3C (S2381) - (95.05 W.L.)
- 1 - HORIZONS 1 (S2475) - (127 WL)
- 1 - INTELSAT 11 (S2237) - (43.0 W.L.)
- 1 - INTELSAT 14 (S2785) - (45.0 W.L.)
- 1 - INTELSAT 16(S2750) - (76.2 W.L.)
- 1 - INTELSAT 21 (S2863) - (58.0 W.L.)
- 1 - INTELSAT 23 - (53 W. L.)
- 1 - INTELSAT 29e (S2913) - (50.0 W.L.)
- 1 - INTELSAT 30 (S2887) - (95.05 W.L.)
- 1 - INTELSAT 31 (S2924) - (95.05 W.L.)
- 1 - INTELSAT 34(S2915) - (55.5 W.L.)
- 1 - INTELSAT 35e(S2959) - (34.5 W.L.)
- 1 - INTELSAT 37e (S2972) - (18.0 W.L.)
- 1 - INTELSAT 9 (S2380) - (29.5 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - SKY-B1(S2922) - (43.15 W.L.)
- 1 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-MFS-20191111-01421 E E160032 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Other

Spire Global Inc, requests modification of its fixed earth station in Hartford, CT to communicate with the MINAS NGSO (S3045) satellites in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: BDLGS

LOCATION: 155 Locust Street (CTGS), Hartford, Hartford, CT

41 ° 44 ' 42.27 " N LAT.

72 ° 39 ' 54.66 " W LONG.

ANTENNA ID:	UHF-1	0.7 meters	KATHREIN	CL6-450B
	402.0000 - 403.0000 MHz		15K0F1D	26.95 dBW
				Digital/Telecommand Uplink
	402.0000 - 403.0000 MHz		15K0F1D	
				Digital/Backup Data Downlink and Telecommand

ANTENNA ID:	SBAND-1	1.2 meters	ARA-SEAVEY	C1502-800
	2020.0000 - 2025.0000 MHz		5M00W1D	

Points of Communication:

BDLGS - LEMUR NGSO (S2946) - (NGSO)

BDLGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01422 E E160037 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service, Other

Spire Global Inc, requests modification of its fixed earth station in Naalehu, WA to communicate with the MINAS NGSO (S3045) satellites in the 402-403 MHz and 449.75-450.25 MHz (Earth-to-space), and 402-403 MHz, 449.75-450.25 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: ITOGS

LOCATION: 93-1704 South Point Road, Hawaii, Naalehu, HI

19 ° 0 ' 50.90 " N LAT.

155 ° 39 ' 46.78 " W LONG.

ANTENNA ID:	UHF-2	1.85 meters	M2 Antenna Systems	401CP14
	402.0000 - 403.0000 MHz		15K0F1D	29.95 dBW
				Digital/Telecommand Uplink
	402.0000 - 403.0000 MHz		15K0F1D	
				Digital/Backup Data Downlink and Telecommand
ANTENNA ID:	SBAND-1	1.2 meters	ARA - Seavey	C1502-800
	2020.0000 - 2025.0000 MHz		5M00W1D	0.00 dBW
				Digital/Data Downlink and Telecommand
ANTENNA ID:	UHF-1	2.46 meters	TACO	H-105
	449.7500 - 450.2500 MHz		15K0F1D	31.85 dBW
				Digital/TT&C Uplink
	449.7500 - 450.2500 MHz		15K0F1D	
				Digital/Data Downlink and TT&C Downlink
	402.0000 - 403.0000 MHz		15K0F1D	
				Digital/Data Downlink and TT&C Downlink

Points of Communication:

ITOGS - LEMUR NGSO (S2946) - (NGSO)

ITOGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01423 E E160038 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Other

Spire Global Inc, requests modification of its fixed earth station in Piti, Guam to add an identical antenna to Antenna ID UHF-1, and to communicate with the MINAS NGSO (S3045) satellite in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: GUMGS

LOCATION: 312 Route 2A Shell Fuel Farm Road, N/A, Piti, GU

13 ° 24 ' 56.30 " N LAT.

144 ° 41 ' 15.10 " E LONG.

ANTENNA ID:	UHF-1	1.85 meters	M2 Antenna Systems	401CP14
	402.0000 - 403.0000 MHz		15K0F1D 29.95 dBW	Digital/Telecommand Uplink
	402.0000 - 403.0000 MHz		15K0F1D	Digital/Backup Data Downlink and Telecommand
ANTENNA ID:	SBAND-1	1.2 meters	ARA - Seavey	C1502-800
	2020.0000 - 2025.0000 MHz		5M00W1D 0.00 dBW	Digital/Data Downlink and Telecommand

Points of Communication:

GUMGS - LEMUR NGSO (S2946) - (NGSO)

GUMGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01424 E E160039 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Other

Spire Global Inc, requests modification of its fixed earth station in Tukwila, WA to add an identical antenna to Antenna ID UHF-1, and to communicate with the MINAS NGSO (S3045) satellite in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: SEAGS

LOCATION: 3433 S 120th Place (SEAGS), King, Tukwila, WA

47 ° 29 ' 39.15 " N LAT.

122 ° 17 ' 18.55 " W LONG.

ANTENNA ID:	UHF-1	1.85 meters	M2 Antenna Systems	401CP14
	402.0000 - 403.0000 MHz		15K0F1D 29.95 dBW	Digital/Telecommand Uplink
	402.0000 - 403.0000 MHz		15K0F1D	Digital/Backup Data Downlink and Telecommand
ANTENNA ID:	SBAND-1	1.2 meters	ARA - Seavey	C1502-800
	2020.0000 - 2025.0000 MHz		5M00W1D 0.00 dBW	Digital/Data Downlink and Telecommand

Points of Communication:

SEAGS - LEMUR NGSO (S2946) - (NGSO)

SEAGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01425 E E160041 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Other

Spire Global Inc, requests modification of its fixed earth station in Richardson, TX, to communicate with the MINAS NGSO (S3045) satellites in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: DALGS

LOCATION: 904 Quality Way (TXGS), Dallas, Richardson, TX

32 ° 57 ' 58.38 " N LAT.

96 ° 42 ' 41.58 " W LONG.

ANTENNA ID:	UHF-1	1.85 meters	M2 Antenna Systems	401CP14
	402.0000 - 403.0000 MHz		15K0F1D 29.95 dBW	Digital/Telecommand Uplink
	402.0000 - 403.0000 MHz		15K0F1D	Digital/Backup Data Downlink and Telecommand
ANTENNA ID:	SBAND-1	1.2 meters	ARA - Seavey	C1502-800
	2020.0000 - 2025.0000 MHz		5M00W1D 0.00 dBW	Digital/Data Downlink and Telecommand

Points of Communication:

DALGS - LEMUR NGSO (S2946) - (NGSO)

DALGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01426 E E170148 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service

Spire Global Inc, requests modification of its fixed earth station in Juneau, AK, to add an identical antenna to Antenna ID UHF-1, and to communicate with the MINAS NGSO (S3045) satellite in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: JNUGS2

LOCATION: 1050 Harbor Way, Juneau, AK

58 ° 18 ' 6.69 " N LAT.

134 ° 25 ' 35.06 " W LONG.

ANTENNA ID:	SBAND-1	1.2 meters	ARA; Seavey	C1502;800
	2020.0000 - 2025.0000 MHz		5M00W1D 0.00 dBW	Digital/Data Downlink
ANTENNA ID:	UHF-1	1.85 meters	M2 ANTENNA SYSTEMS	401CP14

402.0000 - 403.0000 MHz	15K0F1D	29.95 dBW	Digital/TT&C Uplink
402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink
ANTENNA ID: UHF-2	1.85 meters	INNOV	405-18-R
402.0000 - 403.0000 MHz	15K0F1D	31.45 dBW	Digital/TT&C Uplink
402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink

Points of Communication:

JNUGS2 - LEMUR NGSO (S2946) - (NGSO)

JNUGS2 - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01427 E E170149 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service

Spire Global Inc, requests modification of its fixed earth station in Tuscon, AZ, to add an identical antenna to Antenna ID UHF-1, and to communicate with the MINAS NGSO (S3045) satellite in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: TUSGS

LOCATION: 1215 E Pennsylvania Street, Tuscon, AZ
32 ° 10 ' 20.28 " N LAT.

110 ° 57 ' 14.94 " W LONG.

ANTENNA ID: SBAND-1	1.2 meters	Elite	999001
2020.0000 - 2025.0000 MHz	5M00W1D	0.00 dBW	Digital/Data Downlink
ANTENNA ID: UHF-2	1.85 meters	INNOV	405-18-R
402.0000 - 403.0000 MHz	15K0F1D	31.45 dBW	Digital/TT&C Uplink
402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink
ANTENNA ID: UHF-1	1.85 meters	INNOV	405-18-R
402.0000 - 403.0000 MHz	15K0F1D	31.45 dBW	Digital/TT&C Uplink
402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink

Points of Communication:

TUSGS - LEMUR NGSO (S2946) - (NGSO)

TUSGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01428 E E170150 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service

Spire Global Inc, requests modification of its fixed earth station in Duluth, MN, to add an identical antenna to Antenna ID UHF-1, and to communicate with the MINAS NGSO (S3045) satellite in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: DLHGS

LOCATION: 3401 Technology Drive, Duluth, MN

46 ° 49 ' 39.38 " N LAT.

92 ° 7 ' 49.82 " W LONG.

ANTENNA ID:	SBAND-1	1.2 meters	ARA; Seavey	C1502;800
	2020.0000 - 2025.0000 MHz		5M00W1D	0.00 dBW
				Digital/Data Downlink
ANTENNA ID:	UHF-1	2.46 meters	TACO	H-105
	449.7500 - 450.2500 MHz		15K0F1D	31.85 dBW
				Digital/TT&C Uplink
	449.7500 - 450.2500 MHz		15K0F1D	
				Digital/Data Downlink and TT&C Downlink
ANTENNA ID:	UHF-2	1.85 meters	M2 ANTENNA SYSTEMS	401CP14
	402.0000 - 403.0000 MHz		15K0F1D	29.95 dBW
				Digital/TT&C Uplink
	402.0000 - 403.0000 MHz		15K0F1D	
				Digital/Data Downlink and TT&C Downlink

Points of Communication:

DLHGS - LEMUR NGSO (S2946) - (NGSO)

DLHGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01429 E E160033 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

Spire Global Inc, requests modification of its fixed earth station in Boulder, CO, to add an identical antenna to Antenna ID UHF-1, and to communicate with the MINAS NGSO (S3045) satellite in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: WBUGS

LOCATION: 1825 33RD STREET, BOULDER, BOULDER, CO

40 ° 1 ' 6.70 " N LAT.

105 ° 15 ' 4.10 " W LONG.

ANTENNA ID:	UHF-1	1.85 meters	INNOV	405-18-R
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402.0000 - 403.0000 MHz	15K0F1D	31.45 dBW	DIGITAL/TT&C UPLINK
402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink
ANTENNA ID: UHF-2	1.85 meters	INNOV	405-18-R
402.0000 - 403.0000 MHz	15K0F1D	31.45 dBW	DIGITAL/TT&C UPLINK
402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink
ANTENNA ID: SBAND-1	1.8 meters	ELITE	999001
2020.0000 - 2025.0000 MHz	5M00W1D	0.00 dBW	Digital/Data Downlink

Points of Communication:

WBUGS - LEMUR NGSO (S2946) - (NGSO)

WBUGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191111-01430 E E170171 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service

Spire Global Inc, requests modification of its fixed earth station in Charlotte, NC, to add an identical antenna to Antenna ID UHF-1, and to communicate with the MINAS NGSO (S3045) satellite in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: CLTGS

LOCATION: 5821 Fairview Road Suite G12/18, Charlotte, NC

35 ° 9 ' 8.28 " N LAT.

80 ° 50 ' 29.62 " W LONG.

ANTENNA ID: SBAND-1	1.2 meters	ARA; Seavey	C1502;800
2020.0000 - 2025.0000 MHz	5M00W1D	0.00 dBW	Digital/Data Downlink
ANTENNA ID: UHF-1	2.46 meters	TACO	H-105
449.7500 - 450.2500 MHz	15K0F1D	31.85 dBW	Digital/TT&C Uplink
449.7500 - 450.2500 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink
ANTENNA ID: UHF-2	1.85 meters	M2 ANTENNA SYSTEMS	401CP14SG
402.0000 - 403.0000 MHz	15K0F1D	29.95 dBW	Digital/TT&C Uplink
402.0000 - 403.0000 MHz	15K0F1D		Digital/Data Downlink and TT&C Downlink

Points of Communication:

CLTGS - LEMUR NGSO (S2946) - (NGSO)

CLTGS - MINAS NGSO (S3045) - (NGSO)

SES-MFS-20191127-01545 E E160044 Spire Global, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Other

Spire Global Inc, requests modification of its fixed earth station in Saint Croix, VI to add an identical antenna to Antenna ID UHF-1, and to communicate with the MINAS NGSO (S3045) satellite in the 402-403 MHz (Earth-to-space), and 402-403 MHz and 2020-2025 MHz (space-to-Earth) frequency bands.

SITE ID: STXGS

LOCATION: 23 Estate Northside, N/A, Saint Croix, VI
17 ° 45 ' 43.12 " N LAT.

64 ° 53 ' 6.01 " W LONG.

ANTENNA ID:	UHF-1	1.85 meters	M2 Antenna Systems	401CP14
	402.0000 - 403.0000 MHz		15K0F1D 29.95 dBW	Digital/Telecommand Uplink
	402.0000 - 403.0000 MHz		15K0F1D	Digital/Data Downlink and TT&C Downlink
ANTENNA ID:	SBAND-1	1.2 meters	ARA - Seavey	C1502-800
	2020.0000 - 2025.0000 MHz		5M00W1D	Digital/Data Downlink and Telecommand

Points of Communication:

STXGS - LEMUR NGSO (S2946) - (NGSO)

STXGS - MINAS NGSO (S3045) - (NGSO)

SES-MOD-20180713-02124 E E040424 Gulf-California Broadcast Company

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Gulf-California Broadcast Company requests modification of its fixed earth station in Palm Desert, CA to identify and correct coordinates of antennas at of this station. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 31276 DUNHAM WAY (STUDIO), RIVERSIDE, THOUSAND PALMS, CA
33 ° 49 ' 19.00 " N LAT.

116 ° 24 ' 10.00 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC ATLANTA	4.5M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, And Data

ANTENNA ID:	2	3.8 meters	PRODELIN	1375-990
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, And Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20200117-00047 E E150004 Planet Labs Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

Planet Labs Inc. requests modification of its fixed earth station in Maddock, ND to communicate with the SkySat NGSO (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.

SITE ID: Maddock

LOCATION: 5190 30th St. NE, Benson, Maddock, ND

47 ° 50 ' 38.70 " N LAT.

99 ° 28 ' 10.40 " W LONG.

ANTENNA ID:	UHF_UL	2.7 meters	M2 Inc.	450CP34
	449.9700 - 450.0300 MHz		60K0F1D	36.50 dBW
				Digital
ANTENNA ID:	UHF_DL	2.7 meters	M2 Inc.	400CP30
	401.2700 - 401.3300 MHz		60K0F1D	0.00 dBW
				Digital
ANTENNA ID:	S/X-BAND	5 meters	CGC	350SX(R)
	8025.0000 - 8400.0000 MHz		66M8G1D	0.00 dBW
	2055.3450 - 2056.6550 MHz		1M31F1D	54.80 dBW
				Digital/Data Downlink
				Digital/Telecommand

Points of Communication:

Maddock - Planet Labs (S2912) - (NGSO)

Maddock - SKYSAT 16-21(S2862) - (NGSO)

Maddock - SKYSAT(S2862) - (NGSO)

SES-REG-20180717-02244 E E181396 Bresnan Communications, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Bresnan Communications, LLC amended this application by IBFS File No. SES-AMD-20181016-03229 to correct and update the site information and add an additional antenna. This information requires that the application to go back to public notice for 30 days.

SITE ID: 1
 LOCATION: 2105.5 Cedar Ave, Fremont, Canon City, CO
 38 ° 25 ' 7.20 " N LAT. 105 ° 11 ' 9.10 " W LONG.

ANTENNA ID:	1	5 meters	Antenna Technology Corp.	Simulsat 5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	11	3.8 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	12	3.8 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

ANTENNA ID:	13	3.8 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	14	3.7 meters	Eagle	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	15	3.8 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02245 E E181397 Bresnan Communications, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Bresnan Communications, LLC amended this application by IBFS File No. SES-AMD-20181016-03247 to correct and update the site information and add an additional antenna. This information requires that the application to go back to public notice for 30 days.

SITE ID: 1

LOCATION: 315 3rd St, Delta, Paonia, CO

38 ° 52 ' 7.20 " N LAT.

107 ° 35 ' 41.00 " W LONG.

ANTENNA ID:	1	5 meters	Antenna Technology Corp.	Simulsat 5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data

ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	11	3.8 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	12	3.7 meters	Eagle	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	13	3.2 meters	Scientific-Atlanta	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	14	4.5 meters	Scientific-Atlanta	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02258 E E181408 Spectrum Mid-America, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Spectrum Mid-America, LLC amended this application by IBFS File No. SES-AMD-20181016-03292 to correct and update the site information, and add an additional antenna. Also their name was changed per letter dated September 21, 2018. This information requires that the application to go back to public notice for 30 days.

SITE ID: 1

LOCATION: 970 Hwy 60W, Union, Morganfield, KY

37 ° 40 ' 21.40 " N LAT.

87 ° 55 ' 37.70 " W LONG.

ANTENNA ID:	1	5 meters	Antenna Technology Corp.	Simulsat 5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data

ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	11	3 meters	SA	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180820-02846 E E181802 The Moody Bible Institute of Chicago
 Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 137 Woodcrest Dr, Sullivan, Johnson City, TN
36 ° 26 ' 2.84 " N LAT. 82 ° 8 ' 8.16 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 230KG7W 0.00 dBW QPSK broadcasting

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05940 E E200632 Larry w Langford (d/b/a LANGFORD BROADCAST)

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 26914 Marcellus highway, cass, dowagiac, MI
41 ° 59 ' 32.80 " N LAT. 86 ° 5 ' 10.03 " W LONG.

ANTENNA ID: 1 3 meters custom custom
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - AMC-18 (S2713) - (139 WL)

SES-REG-20181011-05412 E E200117 UNIVERSITY OF NORTHWESTERN - ST. PAUL

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KNWS
LOCATION: 4880 TEXAS ST, BLACKHAWK, WATERLOO, IA
42 ° 26 ' 39.01 " N LAT. 92 ° 18 ' 0.96 " W LONG.

ANTENNA ID: KNWS 3.8 meters COMTECH 934D0015
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW ALLSAT

Points of Communication:

KNWS - PERMITTED LIST - ()

SES-REG-20181011-05417 E E200122 WAY MEDIA, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 549 Towers Rd., St. Clair, Steele, AL
33 ° 57 ' 29.48 " N LAT. 86 ° 13 ' 11.25 " 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-20181011-05798 E E200490 WAY MEDIA, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 5900 Core Ave North, Charleston, Charleston, SC
32 ° 54 ' 2.06 " N LAT. 80 ° 1 ' 22.55 " 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-20181011-05821 E E200512 WAY MEDIA, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1145 Providence-Blue Level Road, Warren County, Bowling Green, KY
36 ° 57 ' 36.13 " N LAT. 86 ° 32 ' 49.13 " 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-20181012-05468 E E200174 Antenna Technology Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 450 N. McKemy Ave., Maricopa, Chandler, AZ
33 ° 18 ' 43.00 " N LAT. 111 ° 57 ' 11.00 " W LONG.

ANTENNA ID: 1 5 meters ATCi Simulsat-5B
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW FM

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05665 E E200362 Houston Christian Broadcasters, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Houston Studio
LOCATION: 2424 South Blvd, Harris, Houston, TX
29 ° 43 ' 37.00 " N LAT. 95 ° 24 ' 57.00 " W LONG.

ANTENNA ID: MBN 3.2 meters Prodelin 1304
3700.0000 - 4200.0000 MHz 400KG7W

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

Points of Communication:

Houston Studio - PERMITTED LIST - ()

SES-REG-20181012-05774 E E200466 Nebraska Educational Telecommunications Commission

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: DH 2.74AGL
LOCATION: 1800 N 33rd St., Lancaster, Lincoln, NE
40 ° 49 ' 52.80 " N LAT. 96 ° 40 ' 17.10 " W LONG.

ANTENNA ID: DH 2.74AGL 3.7 meters DH Satellite 37DH1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio or Video
3700.0000 - 4200.0000 MHz 308KG7W Digital Data, Audio or Video

Points of Communication:

DH 2.74AGL - PERMITTED LIST - ()

SES-REG-20181012-05795 E E200487 Houston Christian Broadcasters, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Houston FM XMTR

LOCATION: 4126 FM2234, Fort Bend, Missouri City, TX

29 ° 34 ' 6.00 " N LAT.

95 ° 29 ' 58.00 " W LONG.

ANTENNA ID: FM Site 3 meters SAMI SI-10

3700.0000 - 4200.0000 MHz 400KG7W Digital Audio

Points of Communication:

Houston FM XMTR - PERMITTED LIST - ()

SES-REG-20181015-05679 E E200366 MBC Grand Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: TransBR

LOCATION: Black Ridge Comm Site, Mesa, Grand Junction, CO

39 ° 3 ' 59.93 " N LAT.

108 ° 44 ' 45.36 " W LONG.

ANTENNA ID: ANT1 3.7 meters DH Satellite 3.7

3700.0000 - 4200.0000 MHz 36M0G3F Analog Audio + Video

Points of Communication:

TransBR - PERMITTED LIST - ()

SES-REG-20181015-05681 E E200368 The Stair Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WLAF Studio

LOCATION: 210 North 5th Street Lafollette, TN, Campbell, Lafollette, TN

36 ° 22 ' 52.00 " N LAT.

84 ° 7 ' 32.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters Antennas For Communications PR12-4

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

WLAF Studio - PERMITTED LIST - ()

SES-REG-20181015-05684 E E200371 HUNT BROADCASTING

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KMVL STUDIO

LOCATION: 102 WEST MAIN STREET, MADISON, MADISONVILLE, TX
30 ° 56 ' 58.00 " N LAT. 95 ° 54 ' 51.00 " W LONG.

ANTENNA ID:	4.5	4.5 meters	GEN DYNAMICS	BIG	
	3700.0000 - 4200.0000 MHz		36M0G7D	0.00 dBW	VIDEO

Points of Communication:

KMVL STUDIO - PERMITTED LIST - ()

SES-REG-20181015-05685 E E200372 Community Cable & Broadband, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1550 W Rogers Blvd, Osage, Skiatook, OK
36 ° 22 ' 8.87 " N LAT. 96 ° 1 ' 17.03 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	Satellite Exporting and Engineering	Patriot PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL
ANTENNA ID:	ANT2	3.9 meters	N/A	N/A
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL
ANTENNA ID:	ANT3	4.5 meters	N/A	N/A
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL
ANTENNA ID:	ANT4	3.8 meters	Satellite Exporting and Engineering	Patriot
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL
ANTENNA ID:	ANT5	3.9 meters	N/A	N/A
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL
ANTENNA ID:	ANT6	3.8 meters	Satellite Exporting and Engineering	Patriot
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL
ANTENNA ID:	ANT7	3.8 meters	Satellite Exporting and Engineering	Patriot

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05979 E E200672 Communication Construction Services, Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Fort Polk, LA

LOCATION: Alabama Ave Ft. Polk, LA, Vernon, Fort Polk, LA

31 ° 3 ' 0.49 " N LAT.

93 ° 12 ' 5.80 " W LONG.

ANTENNA ID: Antenna 1 4.5 meters ComTech 4.5meter

3700.0000 - 4200.0000 MHz

36M0G7W

digital

Points of Communication:

Fort Polk, LA - PERMITTED LIST - ()

SES-REG-20181015-05981 E E200674 Music Ventures, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A

LOCATION: 11th Avenue, Weld, Greeley, CO

40 ° 25 ' 27.41 " N LAT.

104 ° 41 ' 45.27 " W LONG.

ANTENNA ID: 2.5M 2.5 meters GENERIC 8FT DISH

3700.0000 - 4200.0000 MHz

36M0G7W

digital

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20181015-05986 E E200679 Brockway Television ,Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 316 Horizon Dr., Jefferson, Brockway, PA

41 ° 14 ' 40.29 " N LAT.

78 ° 49 ' 18.55 " W LONG.

ANTENNA ID: ANT1 4.5 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05987 E E200680 The Original Company, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2035 IL Highway 15, Wayne, Fairfield, IL

38 ° 22 ' 46.70 " N LAT.

88 ° 19 ' 33.30 " W LONG.

ANTENNA ID: Dish1 3.7 meters DawnCo D37F48-4DC-5.5

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05989 E E200682 WestStar MultiMedia Entertainment Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 6135 N 7th St, USA, Phoenix, AZ

33 ° 31 ' 33.00 " N LAT.

112 ° 3 ' 48.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters Dawnco D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181015-06030 E E200724 Lightner Communications LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5620 E Pleasant Valley Blvd, BLAIR, Tyrone, PA

40 ° 39 ' 48.43 " N LAT.

78 ° 15 ' 20.41 " W LONG.

ANTENNA ID: ANT1 3.8 meters Comtech 934D0015-G2

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-06033 E E200727 Armada Media - McCook, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: McCook KICX

LOCATION: 1811 West O St., Red Willow, McCook, NE

40 ° 12 ' 45.00 " N LAT.

100 ° 38 ' 57.60 " W LONG.

ANTENNA ID: KICX 3.7 meters DH SATELLITE 37DH4

3700.0000 - 4200.0000 MHz 30K0G7W 0.00 dBW DIGITAL AUDIO CARRIERS

Points of Communication:

McCook KICX - PERMITTED LIST - ()

SES-REG-20181015-06071 E E200762 AMC Partners Escanaba, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1101 ludington st (WTIQ), ESCANABA, MI

45 ° 44 ' 44.00 " N LAT.

87 ° 3 ' 46.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 30K0G7W 0.00 dBW DIGITAL TRAFFIC, PROGRAMMING
DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-06166 E E200854 Catholic Radio Network, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KRCN Xmit Site

LOCATION: 19180 County Road 13, Weld, Johnstown, CO

40 ° 16 ' 51.00 " N LAT.

104 ° 56 ' 26.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin 1374-995

3700.0000 - 4200.0000 MHz

36M0G7W

Digital and Analog Video with associated audio subcarriers

Points of Communication:

KRCN Xmit Site - PERMITTED LIST - ()

SES-REG-20181016-06167 E E200855 COVENANT NETWORK

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WIHM-AM Xmit Site

LOCATION: 350 Jaycee Drive, Christian, Taylorville, IL

39 ° 32 ' 38.70 " N LAT.

89 ° 16 ' 28.80 " W LONG.

ANTENNA ID: ANT1

3 meters

Unknown

Unknown

3700.0000 - 4200.0000 MHz

36M0G7W

Digital and Analog Video with associated audio subcarriers

Points of Communication:

WIHM-AM Xmit Site - PERMITTED LIST - ()

SES-REG-20181016-06178 E E200866 Nobco, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WMTR FM

LOCATION: 303, Fulton, Archbold, OH

41 ° 31 ' 22.33 " N LAT.

84 ° 18 ' 23.51 " W LONG.

ANTENNA ID: 1

3.7 meters

DH Satellite

3.7

3700.0000 - 4200.0000 MHz

36M0G7W

Points of Communication:

WMTR FM - PERMITTED LIST - ()

SES-REG-20181016-06180 E E200868 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: DCNebr

LOCATION: 4001 Nebraska Ave. NW., District of Columbia, Washington, DC

38 ° 56 ' 24.50 " N LAT.

77 ° 4 ' 49.60 " W LONG.

ANTENNA ID:	WRC-1234	3.7 meters	Prodelin Corporation	136-750
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio and data on phase modulated carriers

Points of Communication:

DCNebr - PERMITTED LIST - ()

SES-REG-20181016-06199 E E200887 NRJ TV Houston License Co, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: KUBE Missouri City
LOCATION: 4124 McHard Rd, Fort Bend, Missouri City, TX
29 ° 34 ' 16.00 " N LAT. 95 ° 30 ' 38.00 " W LONG.

ANTENNA ID:	1	4.5 meters	Patriot	4.5 M-PF
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK or 8PSK
ANTENNA ID:	2	3.7 meters	DH Systems	D37PMD60
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK or 8PSK

Points of Communication:

KUBE Missouri City - PERMITTED LIST - ()

SES-REG-20181016-06203 E E200890 Ael Suhr Enterprises, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: KWAY Studio
LOCATION: 110 29th Ave SW, Bremer, Waverly, IA
42 ° 42 ' 3.30 " N LAT. 92 ° 28 ' 22.10 " W LONG.

ANTENNA ID:	DH 3.7M	3.7 meters	DH Satellite	37DH4
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK 8PSK Digital

Points of Communication:

KWAY Studio - PERMITTED LIST - ()

SES-REG-20181016-06204 E E200891 KILL, Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: KILJ Studio
LOCATION: 2411 Radio Road, Henry, Mt. Pleasant, IA
40 ° 56 ' 55.50 " N LAT. 91 ° 33 ' 54.80 " W LONG.

ANTENNA ID: Harris DG 3 meters Harris 5115 Delta Gain
3700.0000 - 4200.0000 MHz 36M0G7W QPSK 8PSK Digital

Points of Communication:

KILJ Studio - PERMITTED LIST - ()

SES-REG-20181016-06209 E E200896 COVENANT NETWORK

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WMSH Xmit Site
LOCATION: 3981 State Route 3, Randolph, Chester, IL
37 ° 57 ' 10.90 " N LAT. 89 ° 52 ' 35.60 " W LONG.

ANTENNA ID: ANT1 3 meters Unknown Unknown
3700.0000 - 4200.0000 MHz 36M0G7W Digital and Analog Video with associated audio subcarriers

Points of Communication:

WMSH Xmit Site - PERMITTED LIST - ()

SES-REG-20181016-06216 E E200903 Catholic Radio Network, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KFEL Transmit Site
LOCATION: 4411 Goodnight Avenue, Pueblo, Pueblo, CO
38 ° 15 ' 57.00 " N LAT. 104 ° 40 ' 46.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin 1374-995
3700.0000 - 4200.0000 MHz 36M0G7W Digital and Analog Video with associated audio subcarriers

Points of Communication:

KFEL Transmit Site - PERMITTED LIST - ()

SES-REG-20181016-06217 E E200904 Catholic Radio Network, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KDMR Xmit Site

LOCATION: 6700 E. 35th Street, Jackson, Kansas City, MO

39 ° 3 ' 45.50 " N LAT.

94 ° 30 ' 40.30 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin 1374-995

3700.0000 - 4200.0000 MHz 36M0G7W Digital and Analog Video with associated audio subcarriers

Points of Communication:

KDMR Xmit Site - PERMITTED LIST - ()

SES-REG-20181016-06227 E E200909 Weese Enterprises

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: LONE PINE

LOCATION: 900 Kookoosint Trail, Flathead, Bigfork, MT

48 ° 10 ' 34.05 " N LAT.

114 ° 20 ' 56.70 " W LONG.

ANTENNA ID: Patriot 5 meters Patriot Antenna Systems ISO 9001/2000

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

ANTENNA ID: Ranger 2.8 meters Ranger 2.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

ANTENNA ID: Scientific 2.8 meters Scientific Atlantic Model 9000

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

ANTENNA ID: Prodelin 3.7 meters Prodelin 1374 series

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

Points of Communication:

LONE PINE - PERMITTED LIST - ()

SES-REG-20181016-06228 E E200910 STATE RADIO LICENSE, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: State Broadcasting
LOCATION: 807 Bellevue Ave, Laurens, Dublin, GA
32 ° 32 ' 15.00 " N LAT. 82 ° 55 ' 0.20 " W LONG.

ANTENNA ID: 1 3.8 meters Channel Master 3.8 Meter
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video, audio and data

Points of Communication:

State Broadcasting - PERMITTED LIST - ()

SES-REG-20181016-06240 E E200920 COVENANT NETWORK

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KEFL Xmit Site
LOCATION: 25049 Cattail Trail, Adair, Green Castle, MO
40 ° 7 ' 19.80 " N LAT. 92 ° 49 ' 38.60 " W LONG.

ANTENNA ID: ANT1 3 meters Universal Antenna 10AL
3700.0000 - 4200.0000 MHz 36M0G7W Digital and Analog Video with associated audio subcarriers

Points of Communication:

KEFL Xmit Site - PERMITTED LIST - ()

SES-REG-20181016-06241 E E200921 COVENANT NETWORK

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WRYT Xmit Site
LOCATION: NW of Intersection of Hwys I-55 and IL-143, Madison, Edwardsville, IL
38 ° 47 ' 59.10 " N LAT. 89 ° 54 ' 1.80 " W LONG.

ANTENNA ID: ANT1 3 meters Prodelin 101-6
3700.0000 - 4200.0000 MHz 36M0G7W Digital and Analog Video with associated audio subcarriers

Points of Communication:

WRYT Xmit Site - PERMITTED LIST - ()

SES-REG-20181016-06261 E E200933 NRJ TV LA License Co, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KSCI Studio

LOCATION: 1990 S Bundy Dr, Los Angeles, Los Angeles, CA

34 ° 2 ' 4.00 " N LAT.

118 ° 27 ' 19.00 " W LONG.

ANTENNA ID: 3.8 - 1 3.8 meters Efficient Antenna Systems, Inc 3.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W QPSK or 8PSK

ANTENNA ID: 2.4-1 to 4 2.4 meters DH Systems D24PLB

3700.0000 - 4200.0000 MHz 36M0G7W QPSK or 8PSK

Points of Communication:

KSCI Studio - PERMITTED LIST - ()

~~SES-REG-20181016-06270~~ E E200937 Renda Broadcasting Corp. of Nevada

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 10915 K NINE DRIVE (SWF STUDIO), LEE, BONITA SPRINGS, FL

26 ° 19 ' 32.74 " N LAT.

81 ° 46 ' 26.55 " W LONG.

ANTENNA ID: MAIN DISH 3.8 meters PATRIOT MISC

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-REG-20181016-06286~~ E E200953 Terry E. Wood d/b/a Wood Broadcasting Co.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 4611 Terry Rd. Suite C, Hinds, Jackson, MS

32 ° 13 ' 21.90 " N LAT.

90 ° 14 ' 26.20 " W LONG.

ANTENNA ID: Site 1 3 meters unknown 3 meter dish

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW digital audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-06288 E E200955 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: DCNebr2

LOCATION: 4001 Nebraska Ave. NW., District of Columbia, Washington, DC
38 ° 56 ' 24.60 " N LAT. 77 ° 4 ' 53.90 " W LONG.

ANTENNA ID: WRC-5 7 meters ATCI Simulat 7

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

DCNebr2 - PERMITTED LIST - ()

SES-REG-20181016-06289 E E200956 Hometown Broadcasting L.L.C.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Ripon Studio

LOCATION: N7502 Radio Road, Fond du Lac, Ripon, WI
43 ° 48 ' 55.20 " N LAT. 88 ° 50 ' 47.30 " W LONG.

ANTENNA ID: ANT1 3.7 meters DH Satellite 3.7m

3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

Points of Communication:

Ripon Studio - PERMITTED LIST - ()

SES-REG-20181016-06299 E E200965 Three Sisters Broadcasting, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WTSN Studio

LOCATION: 300 SE Riverside Drive, Vanderburgh, Evansville, IN
37 ° 59 ' 10.75 " N LAT. 87 ° 16 ' 11.60 " W LONG.

ANTENNA ID: WTSN St. 3.7 meters DH Satellite 37DH4

3700.0000 - 4200.0000 MHz 36M0G7W QPSK 8PSK Digital

Points of Communication:

WTSN Studio - PERMITTED LIST - ()

SES-REG-20181016-06307 E E200972 Magnum Radio, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: La Crosse Studio

LOCATION: 505 King St, La Crosse, La Crosse, WI
43 ° 48 ' 37.20 " N LAT.

91 ° 14 ' 59.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters DH Satellite 3.7m

3700.0000 - 4200.0000 MHz 36M0G7W Digital audio and video

Points of Communication:

La Crosse Studio - PERMITTED LIST - ()

SES-REG-20181016-06310 E E200974 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: DCNebr4

LOCATION: 4001 Nebraska Ave. NW., District of Columbia, Washington, DC
38 ° 56 ' 27.60 " N LAT.

77 ° 4 ' 52.90 " W LONG.

ANTENNA ID: WRC-89 6.1 meters Harris (Vertex) 6.1 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

DCNebr4 - PERMITTED LIST - ()

SES-REG-20181016-06311 E E200975 Michael A Sleezer (d/b/a CMS Broadcasting Company)

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WFNy

LOCATION: 101 South Main Street, Fulton, Gloversville, NY
43 ° 2 ' 51.00 " N LAT.

74 ° 20 ' 50.80 " W LONG.

ANTENNA ID: WFNy 1 3 meters Channel Master 6346-6969

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

ANTENNA ID: WFNy 2 3 meters Sami SL10

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

WFNY - PERMITTED LIST - ()

SES-REG-20181016-06316 E E200981 Sajak Broadcasting Corp.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Admiral Drive

LOCATION: 236 Admiral Drive, Anne Arundel, Annapolis, MD

38 ° 59 ' 0.00 " N LAT.

76 ° 31 ' 20.00 " W LONG.

ANTENNA ID: Dish 1 3.8 meters ComTech 3.8

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital and Analog audio and data

Points of Communication:

Admiral Drive - PERMITTED LIST - ()

SES-REG-20181016-06318 E E200983 Agape Broadcasters, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 110 West Third Street, Acadia, Crowley, LA

30 ° 12 ' 42.00 " N LAT.

92 ° 22 ' 21.40 " W LONG.

ANTENNA ID: ANT1 3 meters General Dynamics 1304

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video
with associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-06321 E E200986 Wilson County Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: ANT1

LOCATION: 510 TROUSDALE FERRY PIKE, WILSON, LEBANON, TN

36 ° 12 ' 26.60 " N LAT.

86 ° 16 ' 3.70 " W LONG.

ANTENNA ID: ANT1 3.81 meters COMTECH 934D0015-G2

3700.0000 - 4200.0000 MHz 100KG7W 0.00 dBW Audio Services for WANT

Points of Communication:

ANT1 - PERMITTED LIST - ()

SES-REG-20181016-06332 E E200996 Agape Broadcasters, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 1018 Eraste Landry Road, LA, Lafayette, LA

30 ° 13 ' 28.60 " N LAT.

92 ° 3 ' 13.50 " W LONG.

ANTENNA ID: ANT1 3 meters General Dynamics 1304

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subcarriers

ANTENNA ID: ANT 2 3.8 meters Comtech 3.8 Meter EL/AZ

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-06333 E E200997 Magnum Radio, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Tomah Studio

LOCATION: 1021 North Superior Ave, Monroe, Tomah, WI

44 ° 0 ' 1.30 " N LAT.

90 ° 30 ' 14.40 " W LONG.

ANTENNA ID: ANT1 3.7 meters DH Satellite 3.7m

3700.0000 - 4200.0000 MHz 36M0G7W Digital audio and video

Points of Communication:

Tomah Studio - PERMITTED LIST - ()

SES-REG-20181016-06340 E E201003 Magnum Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Reedsburg
LOCATION: E5680A Highway 33, Sauk, Reedsburg, WI
43 ° 32 ' 26.30 " N LAT. 90 ° 2 ' 4.30 " W LONG.

ANTENNA ID: ANT1 3.7 meters DH Satellite 3.7m
3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

Points of Communication:

Reedsburg - PERMITTED LIST - ()

SES-REG-20181016-06341 E E201004 The St. Pier Group, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: INDIANA STUDIO
LOCATION: 840 PHILADELPHIA STREET, INDIANA, INDIANA, PA
40 ° 37 ' 20.77 " N LAT. 79 ° 9 ' 20.99 " W LONG.

ANTENNA ID: MAIN DISH 3.8 meters PATRIOT PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO SIGNALS

Points of Communication:

INDIANA STUDIO - PERMITTED LIST - ()

SES-REG-20181016-06343 E E201005 Magnum Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: West Bend Studio
LOCATION: 2410 South Main St, Washington, West Bend, WI
43 ° 23 ' 24.60 " N LAT. 88 ° 10 ' 53.90 " W LONG.

ANTENNA ID: ANT1 3.7 meters DH Satellite 3.7m
3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

Points of Communication:

West Bend Studio - PERMITTED LIST - ()

SES-REG-20181016-06351 E E201011 Bresnan Communications, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Laramie, WY
 LOCATION: US Hwy 30, Lot 5, Albany, Laramie, WY
 41 ° 19 ' 51.70 " N LAT. 105 ° 35 ' 35.00 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Video, Audio, Data
ANTENNA ID:	2	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Video, Audio, Data
ANTENNA ID:	3	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Video, Audio, Data
ANTENNA ID:	4	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Video, Audio, Data
ANTENNA ID:	5	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Video, Audio, Data
ANTENNA ID:	6	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Video, Audio, Data

Points of Communication:

Laramie, WY - PERMITTED LIST - ()

SES-REG-20181017-05750 E E200439 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Phoenix1
 LOCATION: 4625 S. 33rd Pl., MARICOPA, Phoenix, AZ
 33 ° 24 ' 15.00 " N LAT. 112 ° 0 ' 33.00 " W LONG.

ANTENNA ID:	1	5 meters	DH	5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio and data on phase modulated carriers

SITE ID: Phoenix2
 LOCATION: 4625 S. 33rd Pl., MARICOPA, Phoenix, AZ
 33 ° 24 ' 15.00 " N LAT. 112 ° 0 ' 33.00 " W LONG.

ANTENNA ID:	2	3 meters	Winegard	3 meter
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3700.0000 - 4200.0000 MHz

36M0G7W

Digital video, audio and data on phase modulated carriers

Points of Communication:

Phoenix1 - PERMITTED LIST - ()

Phoenix2 - PERMITTED LIST - ()

SES-REG-20181018-06323 E E200988 Anaheim Broadcasting Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE 1

LOCATION: 1940 Orange Tree Lane, San Bernardino, Redlands, CA

34 ° 4 ' 6.50 " N LAT.

117 ° 13 ' 11.60 " W LONG.

ANTENNA ID: ANT 1

3 meters

Winegard

Pinnacle

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital video and audio

Points of Communication:

SITE 1 - PERMITTED LIST - ()

SES-REG-20181018-06324 E E200989 KPAN Broadcasters

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Hereford, TX

LOCATION: 218 East Fifth Street P.O. Box 1757, Deaf Smith County, Hereford, TX

34 ° 49 ' 9.20 " N LAT.

102 ° 23 ' 54.70 " W LONG.

ANTENNA ID: Ant 1

3 meters

Harris

3 meter

3700.0000 - 4200.0000 MHz

36M0G7D

Digital Data

ANTENNA ID: Ant 2

3 meters

Unknown

2.4 meter

3700.0000 - 4200.0000 MHz

36M0G7D

Digital Data

Points of Communication:

Hereford, TX - PERMITTED LIST - ()

SES-REG-20181022-05884 E E200574 New Hampshire Family Radio LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 37 Redington Road, Merrimack, Concord, NH
43 ° 11 ' 47.10 " N LAT. 71 ° 33 ' 17.70 " W LONG.

ANTENNA ID: 3.7M 3.7 meters Prodelin 3.7M
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181030-05742 E E200431 Tait Broadcasting, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Oak Park Tower Site
LOCATION: 20931 Meyers Road, Oakland, Oak Park, MI
42 ° 26 ' 51.60 " N LAT. 83 ° 10 ' 21.60 " W LONG.

ANTENNA ID: HSN2-Luken 3 meters HD 30HD148A
3700.0000 - 4200.0000 MHz 36M0G7W Video and Audio

Points of Communication:

Oak Park Tower Site - PERMITTED LIST - ()

SES-REG-20181031-06319 E E200984 Gerard Media, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Dish 1
LOCATION: 2100 Fairplain, Berrien, Benton Harbor, MI
41 ° 40 ' 39.00 " N LAT. 86 ° 28 ' 1.00 " W LONG.

ANTENNA ID: Dish 1 3.8 meters Comtech G2RC
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Data

Points of Communication:

Dish 1 - PERMITTED LIST - ()

SES-REG-20181101-06095 E E200786 commZoom Assets, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: JourdantonHE
LOCATION: 5875 HWY 16, Atascosa, Poteet, TX
28 ° 59 ' 37.00 " N LAT.

98 ° 34 ' 58.00 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	Patriot	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio and Video Signals
ANTENNA ID:	ANT2	3.8 meters	Comtech	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio and Video Signals
ANTENNA ID:	ANT3	5.6 meters	GCC	5.6
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio and Video Signals

Points of Communication:

JourdantonHE - PERMITTED LIST - ()

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