
Nature of Service: Fixed Satellite Service

Intelsat License LLC requests modification of its fixed earth station in Ellenwood, GA to extend the satellite orbital arc, and add satellites Intelsat 903 (S2407) at 31.5° W.L. and Intelsat 907 (S2411) at 27.5° W.L. as new points of communication.

SITE ID: 1

LOCATION: 2857 FORK CREEK CHURCH ROAD (ATL TELEPORT), DEKALB, ELLENWOOD, GA
33 ° 39 ' 52.00 " N LAT. 84 ° 16 ' 14.00 " W LONG.

ANTENNA ID:	ATL-K22	13 meters	RSI	1130	
14000.0000 - 14500.0000 MHz			64K0G7W	58.00 dBW	Digital video and data
14000.0000 - 14500.0000 MHz			36M0G7W	85.00 dBW	Digital video and data
14000.0000 - 14500.0000 MHz			18M0F8F	82.00 dBW	Analog video
14000.0000 - 14500.0000 MHz			36M0F8F	85.00 dBW	Analog video
14000.0000 - 14500.0000 MHz			750KF2D	72.40 dBW	Command carrier
11700.0000 - 12200.0000 MHz			64K0G7W		
11700.0000 - 12200.0000 MHz			36M0G7W		
11700.0000 - 12200.0000 MHz			18M0F8F		
11700.0000 - 12200.0000 MHz			36M0F8W		
11700.0000 - 12200.0000 MHz			750KF2D		
12750.0000 - 13250.0000 MHz			850KF2D	88.20 dBW	COMMAND CARRIER
12750.0000 - 13250.0000 MHz			64K0G7W	61.80 dBW	DIGITAL VIDEO AND DATA
12750.0000 - 13250.0000 MHz			72M0G7W	89.00 dBW	DIGITAL VIDEO AND DATA
14000.0000 - 14500.0000 MHz			850KF2D	72.40 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz			72M0G7W	89.00 dBW	DIGITAL VIDEO AND DATA
13750.0000 - 13770.0000 MHz			850KF2D	68.00 dBW	COMMAND CARRIER
13750.0000 - 13770.0000 MHz			265KG7W	68.00 dBW	DIGITAL VIDEO AND DATA
13780.0000 - 14000.0000 MHz			850KF2D	68.00 dBW	COMMAND CARRIER
13780.0000 - 14000.0000 MHz			265KG7W	68.00 dBW	DIGITAL VIDEO AND DATA
13780.0000 - 14000.0000 MHz			72M0G7W	84.00 dBW	DIGITAL VIDEO AND DATA
10700.0000 - 10950.0000 MHz			64K0G7W		DIGITAL VIDEO AND DATA

10700.0000 - 10950.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
11200.0000 - 11450.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
11200.0000 - 11450.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
10950.0000 - 11200.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
11450.0000 - 11700.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
12200.0000 - 12750.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
12200.0000 - 12750.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
14006.0000 - 14006.0000 MHz	900KFXD	85.00 dBW	COMMAND AND RANGING
13998.5000 - 13998.5000 MHz	900KFXD	85.00 dBW	COMMAND AND RANGING

Points of Communication:

- 1 - INTELSAT 11 (S2237) - (43.0 W.L.)
- 1 - INTELSAT 14 (S2785) - (45.0 W.L.)
- 1 - INTELSAT 16 - (58 W.L.)
- 1 - INTELSAT 31 (S2924) - (95.05 W.L.)
- 1 - INTELSAT 705 - (50 W.L.)
- 1 - INTELSAT 707 - (53 W.L.)
- 1 - INTELSAT 903 (S2407) - (31.5 W.L.)
- 1 - INTELSAT 907 (S2411) - (27.5 W.L.)
- 1 - PERMITTED LIST - ()

SES-MOD-20180604-01258 E E100151 Fox Broadcasting Company

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in New Bern, NC to change the existing antenna to a 4.5-meter, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 225 GLENBURNIE DRIVE, CRAVEN, NEW BERN, NC
35 ° 8 ' 3.50 " N LAT. 77 ° 3 ' 45.60 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180606-01256 E E070215 Fox Broadcasting Company

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Sherman, TX to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 4201 TEXOMA PKWY. (KXII), GRAYSON, SHERMAN, TX
33 ° 40 ' 49.30 " N LAT. 96 ° 35 ' 8.20 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW
				Digital traffic, various FEC, modulations and data rates
				Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180606-01257 E E000557 Fox Broadcasting Company

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Columbia, SC to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 1400 PICKENS STREET SUITE 6, LEXINGTON, COLUMBIA, SC
34 ° 0 ' 22.90 " N LAT. 81 ° 1 ' 40.80 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
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3700.0000 - 4200.0000 MHz	36M0G7F	Digital traffic, various FEC, modulations and data rates
3700.0000 - 4200.0000 MHz	36M0F8F	Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180615-01525 E E170186 Comcast Cable Communications Management, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Comcast Cable Communications Management, LLC request modification of its fixed earth station in Earle, AR to add antennas and update site coordinates. This station will continue operation with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: Hwy 64 B West, Crittenden, Earle, AR

35 ° 16 ' 6.40 " N LAT.

90 ° 29 ' 11.20 " W LONG.

ANTENNA ID: 5M.	5 meters	SCIENTIFICA-ATLANTA, INC.	8008B (5METER)
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Data Carrier
ANTENNA ID: 4.6m.S-A	4.6 meters	SCIENTIFICA-ATLANTA, INC.	4.6m.S-A
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: 3.4m.Satco	3.4 meters	SATCOM	1344
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: 3.8mCom	3.8 meters	COMTECH	3.8 METER
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: 4.5m.S-A	4.5 meters	SCIENTIFICA-ATLANTA, INC.	4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: 3.5m.Win	3.5 meters	WINEGARD	3.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180628-01619 E E3634 Comcast of California/Maryland/Pennsylvania/Virginia/West Virginia, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Comcast of California/Maryland/Pennsylvania/ Virginia/West Virginia, LLC request modification of its fixed earth station in Ft. Bragg, CA to add antennas and update site coordinates. This station will continue operation with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 22501 BALD HILL ROAD, MENDOCINO, FORT BRAGG, CA
39 ° 27 ' 52.30 " N LAT. 123 ° 45 ' 31.00 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA5-4
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3.8mProd	3.8 meters	PRODELIN	3.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3.8mPat	3.8 meters	PATRIOT	3.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180824-02784 E E010146 Hearst Properties Inc.
Application for Modification
Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Hearst Properties Inc. requests modification of its temporary-fixed earth station to replace the antenna which communicate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	1.45 meters	SAT-LITE	1411	
	14000.0000 - 14500.0000 MHz		36M0G7W	62.15 dBW	DIGITAL VIDEO, AUDIO, DATA
	14000.0000 - 14500.0000 MHz		3M50G7W	60.20 dBW	DIGITAL VIDEO, AUDIO, DATA
	11700.0000 - 12200.0000 MHz		36M0G7W		DIGITAL VIDEO, AUDIO, DATA
	11700.0000 - 12200.0000 MHz		3M50G7W		DIGITAL VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180824-02787 E E140045 BCI Mississippi Broadband, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

BCI Mississippi Broadband, LLC requests modification of its fixed earth station in Raleigh, MS to add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: Highway 18, Smith, Raleigh, MS

32 ° 2 ' 18.20 " N LAT.

89 ° 32 ' 42.10 " W LONG.

ANTENNA ID:	1	6 meters	SCIENTIFIC ATLANTA	6.0 METER
	3700.0000 - 4200.0000 MHz		36M0F8W	Analog & digital signals reception w associated subcarriers
	3700.0000 - 4200.0000 MHz		36M0G7W	Analog & digital signals reception w associated subcarriers
ANTENNA ID:	2	2.8 meters	SCIENTIFIC ATLANTA	9000SERIES
	3700.0000 - 4200.0000 MHz		36M0F8W	Digital video and audi
ANTENNA ID:	3	3.7 meters	PRODELIN	PRODELIN3.7
	3700.0000 - 4200.0000 MHz		36M0F8W	Digital video and audi
ANTENNA ID:	4	4.5 meters	SCIENTIFIC ATLANTA	SA45
	3700.0000 - 4200.0000 MHz		36M0F8W	Digital video and audi
ANTENNA ID:	5	3 meters	DH	DH3.0
	3700.0000 - 4200.0000 MHz		36M0F8W	Digital video and audi
ANTENNA ID:	6	2 meters	CHANNEL MASTER	CM2.0
	3700.0000 - 4200.0000 MHz		36M0F8W	Digital video and audi

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03540 E E050360 Scripps Broadcasting Holdings LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Tampa, FL to correct coordinates, update emission designators, and add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 4045 NORTH HINES AVE., HILLSBOROUGH, TAMPA, FL
27 ° 58 ' 31.80 " N LAT. 82 ° 30 ' 3.90 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	2	3.1 meters	PATRIOT	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-MOD-20180906-03541~~ E E865034 Scripps Broadcasting Holdings LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Buffalo, NY to correct coordinates, update emission designators, and add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 7 BROADCAST PLAZA, ERIE, BUFFALO, NY
42 ° 53 ' 5.40 " N LAT. 78 ° 52 ' 51.80 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	2	7.3 meters	ANDREW CORPORATION	ESA73-46
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	3	3.7 meters	DH SATELLITE	3.7M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

ANTENNA ID:	4	4.5 meters	PATRIOT	PRT-450
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03544 E E050219 Scripps Broadcasting Holdings LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Cleveland, OH to correct coordinates, update emission designators, and add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 3001 EUCLID AVENUE, CUYAHOGA, CLEVELAND, OH

41 ° 30 ' 11.10 " N LAT.

81 ° 40 ' 1.40 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA-45-46A
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

ANTENNA ID:	2	4.5 meters	DH SATELLITE	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

ANTENNA ID:	3	3.7 meters	DH SATELLITE	3.7M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

ANTENNA ID:	4	3.1 meters	DH SATELLITE	3.1M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

ANTENNA ID:	5	3.8 meters	PATRIOT	31.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

ANTENNA ID:	6	3.1 meters	PATRIOT	3.0M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

ANTENNA ID:	7	3 meters	AFC	
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03545 E E865159 Scripps Broadcasting Holdings LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Parma, OH to correct coordinates, update emission designators, and add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 7080 STATE RD, CUYAHOGA, PARMA, OH

41 ° 22 ' 25.30 " N LAT.

81 ° 43 ' 4.00 " W LONG.

ANTENNA ID:	1	7.3 meters	ANDREW CORPORATION	ESA73-46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	2	4.5 meters	ANDREW CORPORATION	ESA45-4-11
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	3	4.9 meters		4.9M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03546 E E070162 Scripps Broadcasting Holdings LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Tucson, AZ to correct coordinates, update emission designators, and add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 7280 EAST ROSEWOD ST, PIMA, TUCSON, AZ

32 ° 13 ' 54.70 " N LAT.

110 ° 50 ' 13.50 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
	3700.0000 - 4200.0000 MHz		36M0F3F	Standard Analog Video
ANTENNA ID:	2	7.3 meters	ANDREW CORPORATION	ESA73-46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	3	4.1 meters	DH SATELLITE	4.1

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: 4	3.6 meters DH SATELLITE	3.6
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: 5	4.1 meters PRODELIN	4.1
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: 6	4.7 meters VERTEX	4.7
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03547 E E040402 Scripps Broadcasting Holdings LLC
 Application for Modification
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in San Diego, CA to correct coordinates, and update emission designators to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
 LOCATION: 4600 AIR WAY, SAN DIEGO, SAN DIEGO, CA
 32 ° 43 ' 11.90 " N LAT. 117 ° 5 ' 51.90 " W LONG.

ANTENNA ID: 1	5.5 meters SATCOM	551KS-100
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL MULTIPLEX CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03548 E E050149 Scripps Broadcasting Holdings LLC
 Application for Modification
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Indianapolis, IN to add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
 LOCATION: 1330 N. MERIDIAN ST. (WRTV), MARION, INDIANAPOLIS, IN
 39 ° 47 ' 4.50 " N LAT. 86 ° 9 ' 32.60 " W LONG.

ANTENNA ID: 1	4.5 meters ANDREW CORP.	ESA45
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3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03549 E E7633 Scripps Broadcasting Holdings LLC
 Application for Modification
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Tulsa, OK to correct coordinates, update emission designators, and add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
 LOCATION: 3701 S. PEORIA AVE, TULSA, TULSA, OK
 36 ° 6 ' 33.90 " N LAT. 95 ° 58 ' 30.50 " W LONG.

ANTENNA ID: 1	6 meters	D&M	ADM-20
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID: 2	3.8 meters	PATRIOT	PR-380
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID: 3	4.5 meters	SUPERIOR SATELLITE	8345
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID: 4	2.4 meters	PRODELIN	2.4M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03582 E E940363 Scripps Broadcasting Holdings LLC
 Application for Modification
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in San Diego, CA to correct coordinates, update emission designators, and add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
 LOCATION: 4600 AIR WAY, SAN DIEGO, SAN DIEGO, CA
 32 ° 43 ' 11.80 " N LAT. 117 ° 5 ' 55.50 " W LONG.

ANTENNA ID:	1	9.1 meters	ANDREW CORP.	ESA91-4
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	2	7.3 meters	ANDREW CORP.	ESA73-1
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	3	4.5 meters	ANDREW CORP.	ESA45-46A
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	4	5.5 meters	SATCOM	551KS-100
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	5	5 meters	AMERICAN ANTENNA	5M
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	6	3.1 meters	PATRIOT	PRT-310
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03589 E E880594 Mississippi Authority for Educational Television

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Mississippi Authority for Educational Television requests modification of its fixed earth station in Jackson, MS to add an antenna to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 3825 RIDGEWOOD ROAD (WMPN-FM), HINDS, JACKSON, MS

32 ° 20 ' 17.00 " N LAT.

90 ° 8 ' 47.00 " W LONG.

ANTENNA ID:	1	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8 METER PF
		3700.0000 - 4200.0000 MHz	30K0F1D	DIGITAL AUDIO CARRIER
		3700.0000 - 4200.0000 MHz	10M3G7W	DIGITAL BROADCAST AUDIO CARRIER
ANTENNA ID:	2	4.5 meters	EFFICIENT ANTENNA SYSTEMS	3120PLL
		3700.0000 - 4200.0000 MHz	30K0F1D	DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL BROADCAST AUDIO
CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03591 E E060296 Scripps Broadcasting Holdings LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Milwaukee, WI to correct coordinates, update emission designator and add antennas to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 720 E. CAPITOL DRIVE, MILWAUKEE, MILWAUKEE, WI

43 ° 5 ' 27.00 " N LAT.

87 ° 54 ' 8.50 " W LONG.

ANTENNA ID: 1	6.1 meters	HARRIS	5346
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
3700.0000 - 4200.0000 MHz	36M0F8W		Analog Services with Related Subcarriers
ANTENNA ID: 2	5 meters	COMTECH	5M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID: 3	2 meters	PATRIOT	2M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID: 4	3.7 meters	SCIENTIFIC ATLANTA	3.7M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID: 5	4.6 meters	PRODELIN	4.6M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID: 6	4.5 meters	ANDREW CORPORATION	ESA-45
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier
ANTENNA ID: 7	4.6 meters	VERTEX	4.6M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03594 E E050222 Scripps Broadcasting Holdings LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Cincinnati, OH to correct coordinates, update emission designator and add antennas to communicate with the Permitted List satellites in 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 1720 GILBERT AVENUE (WCPO-TV), HAMILTON, CINCINNATI, OH
39 ° 6 ' 48.30 " N LAT. 84 ° 29 ' 57.30 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-4
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
	3700.0000 - 4200.0000 MHz		36M0F3F	Standard Analog Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Compressed Digital Video
ANTENNA ID:	2	4.5 meters	PATRIOT	PRT-450
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	3	3.8 meters	PATRIOT	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	4	2 meters	PATRIOT	PRT-200
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180911-03592 E E920346 Buckeye Cablevision Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Buckeye Cablevision Inc. requests modification of its fixed earth station in Toledo, OH to add antennas to communicate with the Permitted List satellites in 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 4818 ANGOLA ROAD, LUCAS, TOLEDO, OH
41 ° 37 ' 30.00 " N LAT. 83 ° 39 ' 20.00 " W LONG.

ANTENNA ID:	1	5 meters	COMTECH ANT. CORP.	5.0M PF
	3700.0000 - 4200.0000 MHz		36M0F8W	

ANTENNA ID:	2	4.5 meters	ASC	ES45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video and audio
ANTENNA ID:	3	4.5 meters	SCIENTIFC ATLANTA	SA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video and audio
ANTENNA ID:	4	5 meters	COMTECH	COMTECH 5MPOLAR
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video and audio
ANTENNA ID:	5	4.5 meters	COMTECH	COMTECH4.5 POLAR
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video and audio
ANTENNA ID:	6	3.6 meters	AFC	AFC 3.6POLAR
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video and audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180920-03568 E E180249 KRCG Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

KRCG Licensee, LLC requests modification of its fixed earth station in New Bloomfield, MO to add antennas to communicate with the Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 10188 Old US HWY 54, Callaway, New Bloomfield, MO

38 ° 41 ' 28.90 " N LAT.

92 ° 5 ' 45.30 " W LONG.

ANTENNA ID:	1	7 meters	Scientific Atlanta	8010
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	2	4.6 meters	Scientific Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	3.7 meters	PRODELIN	1375
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	4	5 meters	DH SATELLITE	50DH1
	3700.0000 - 4200.0000 MHz		36M0G7W36	Digital Video and Data

ANTENNA ID:	5	3.7 meters	AFC	3.7PR-12
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180927-02872 E E860942 SES Government Solutions, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SES Government Solutions, Inc. requests modification of its fixed earth station in Colorado Springs, CO, to update geographic coordinates.

SITE ID: 1

LOCATION: SCHRIEVER AFT 210 FALCON PARKWAY, EL PASO, COLORADO SPRINGS, CO
 38 ° 47 ' 58.00 " N LAT. 104 ° 31 ' 21.40 " W LONG.

ANTENNA ID:	1	11 meters	VERTEX COMMUNICATION	S CORP 11 KPC
	6137.9000 - 6425.0000 MHz		36M0F1D	79.40 dBW
	6137.9000 - 6425.0000 MHz		36M0G7W	66.90 dBW
	6049.0000 - 6137.9000 MHz		36M0F1D	76.90 dBW
	6049.0000 - 6137.9000 MHz		36M0G7W	64.40 dBW
	5960.0000 - 6049.0000 MHz		36M0F1D	79.40 dBW
	5960.0000 - 6049.0000 MHz		36M0G7W	66.90 dBW
	5930.4000 - 5960.0000 MHz		36M0F1D	76.90 dBW
	5930.4000 - 5960.0000 MHz		36M0G7W	64.40 dBW
	5925.0000 - 5930.4000 MHz		36M0F1D	79.40 dBW
	5925.0000 - 5930.4000 MHz		36M0G7W	66.90 dBW
	3700.0000 - 4200.0000 MHz		36M0F1D	
	3700.0000 - 4200.0000 MHz		36M0G7W	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181219-03615 E E120061 KVH Industries, Inc.

Application for Modification

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

KVH Industries, Inc. requests modification of its earth station on vessels license, to add emission designator to communicate with the Permitted List satellites in the 5925-6425 MHz (Earth-to-space), and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: Mobile

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1	1 meters	KVH	TracPhone V11	
	5925.0000 - 6425.0000 MHz		36M0G7D	46.90 dBW	Direct Sequence Spread Spectrum (DSSS) technique using a random access method called code reuse multiple access CRMA for inbound access. Data Services
	5925.0000 - 6425.0000 MHz		18M0G7D	46.90 dBW	Direct Sequence Spread Spectrum (DSSS) technique using a random access method called code reuse multiple access CRMA for inbound access. Data Services
	3700.0000 - 4200.0000 MHz		30M0G7D		Spread Outbound 10 Mbits/s carrier, data services
	5925.0000 - 6425.0000 MHz		1M00G7D	46.90 dBW	DATA SERVICES
	3700.0000 - 4200.0000 MHz		1M00G7D		DATA SERVICES

Points of Communication:

1 - INTELSAT 707 - (53 W.L.)

1 - INTELSAT POR - (180 E.L.)

1 - PERMITTED LIST - ()

SES-MOD-20181228-03618 E E120043 Denali 20020, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Denali 20020 LLC requests modification of its fixed earth station in Brewster, WA to add a 5.6- meter antenna to communicate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 66C TELEPORT DRIVE, OKANOGAN, BREWSTER, WA

48 ° 8 ' 47.00 " N LAT.

119 ° 41 ' 29.00 " W LONG.

ANTENNA ID:	1	3.5 meters	VERTEX	3.5KPK	
	14000.0000 - 14500.0000 MHz		36M0F2D	77.84 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		36M0F3F	74.30 dBW	Analog Video Carrier

14000.0000 - 14500.0000 MHz	36M0G7W	77.84 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0F8W	77.84 dBW	Digital Data Carrier
11450.0000 - 12200.0000 MHz	36M0F2D		Digital Video Carrier
11450.0000 - 12200.0000 MHz	36M0F3F		Analog Video Carrier
11450.0000 - 12200.0000 MHz	36M0G7W		Digital Data Carrier
11450.0000 - 12200.0000 MHz	36M0F8W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F2D		Digital Video Carrier
10950.0000 - 11200.0000 MHz	36M0F3F		Analog Video Carrier
10950.0000 - 11200.0000 MHz	36M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F8W		Digital Data Carrier
ANTENNA ID: 2	3.7 meters	GLOBAL STAR	GS-370
14000.0000 - 14500.0000 MHz	36M0G7W	78.20 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	36M0G7W		Digital Data Carrier
ANTENNA ID: 3	6.1 meters	VERTEX	6.1KPK
14000.0000 - 14500.0000 MHz	1M00G7D	66.80 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0G7W	80.87 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0F3F	78.90 dBW	Analog Video Carrier
14000.0000 - 14500.0000 MHz	72M0G7W	80.87 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	72M0G7W	80.87 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	36M0G7W	76.90 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	1M00G7D	66.80 dBW	Digital Data Carrier
11450.0000 - 12200.0000 MHz	1M00G7D		Digital Data Carrier
11450.0000 - 12200.0000 MHz	36M0G7W		Digital Data Carrier
11450.0000 - 12200.0000 MHz	36M0F3F		Analog Video Carrier
11450.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	1M00G7D		Digital Data Carrier

10950.0000 - 11200.0000 MHz	36M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F3F		Analog Video Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
ANTENNA ID: 4	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz	1M00G7D	70.08 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0F2D	77.70 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0F3F	86.00 dBW	Analog Video Carrier
14000.0000 - 14500.0000 MHz	72M0G7W	85.60 dBW	Digital Data Carrier
11450.0000 - 12200.0000 MHz	1M00G7D		Digital Data Carrier
11450.0000 - 12200.0000 MHz	36M0F2D		Digital Data Carrier
11450.0000 - 12200.0000 MHz	36M0F3F		Analog Video Carrier
11450.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	1M00G7D		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F2D		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F3F		Analog Video Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
ANTENNA ID: 5	4.8 meters	VERTEX	4.8 KPK
14000.0000 - 14500.0000 MHz	72M0G7W	81.22 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	1M00G7D	65.17 dBW	Digital Data Carrier
11450.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
11450.0000 - 12200.0000 MHz	1M00G7D		Digital Data Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	1M00G7D		Digital Data Carrier
ANTENNA ID: 6	6.3 meters	VERTEX	6.3 METER
14000.0000 - 14500.0000 MHz	72M0G7W	86.00 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	1M00G7D	67.50 dBW	Digital Data Carrier

11450.0000 - 12200.0000 MHz	72M0G7W	Digital Data Carrier
11450.0000 - 12200.0000 MHz	1M00G7D	Digital Data Carrier
10950.0000 - 11200.0000 MHz	72M0G7W	Digital Data Carrier
10950.0000 - 11200.0000 MHz	1M00G7D	Digital Data Carrier

ANTENNA ID: 7 5.6 meters ASC SIGNAL 5.6METER

14000.0000 - 14500.0000 MHz	72M0G7W	83.00 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0G7W	82.54 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0F3F	83.00 dBW	Analog Video Carrier
14000.0000 - 14500.0000 MHz	1M00G7D	66.97 dBW	Digital Data Carrier
11700.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
11700.0000 - 12200.0000 MHz	36M0F3F		Analog Video Carrier
11700.0000 - 12200.0000 MHz	36M0F2D		Digital Data Carrier
11700.0000 - 12200.0000 MHz	1M00G7D		Digital Data Carrier

Points of Communication:

- 1 - AMAZONAS 2 (S2793) - (61 W.L.)
- 1 - INTELSAT 707 - (53 W.L.)
- 1 - NSS 9 (S2756) - (177 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - Yamal 300K - (177 W.L.)

SES-REG-20180502-00455 E E180150 The Hinton CATV Company Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Industrial Drive, Caddo, Hinton, OK
 35 ° 29 ' 2.20 " N LAT.

98 ° 21 ' 7.85 " W LONG.

ANTENNA ID: 1 3.7 meters American Antenna TVRO-3.7

3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	Analog and Digital Satellite reception only
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Points of Communication:

1 - AMC 10 (S2432) - (135 W.L.)

SES-REG-20180502-00482 E E180174 KANZA Society Inc. DBA High Plains Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3MI-S US HWY 283, Graham, Hill City, KS

39 ° 15 ' 57.00 " N LAT.

99 ° 50 ' 1.00 " W LONG.

ANTENNA ID: 1 3.8 meters Comtec 934D0015-G2

3700.0000 - 4200.0000 MHz 76K8G7W 0.00 dBW Digital data, various FEC, data rates, modulation

Points of Communication:

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180619-01721 E E181031 Otter Com Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 2

LOCATION: P.O. Box 277 100 Main Street, Otter Tail, Underwood, MN

45 ° 36 ' 8.28 " N LAT.

96 ° 49 ' 26.03 " W LONG.

ANTENNA ID: Ant1 4.6 meters Scientific Atlanda 8346

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video

ANTENNA ID: Ant 2 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video

Points of Communication:

Site 2 - PERMITTED LIST - ()

SES-REG-20180619-01724 E E181033 Tiger Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 600 N. Cherry Drive (WRLA Lanett AL), USA, Lanett, AL

32 ° 52 ' 25.70 " N LAT.

85 ° 11 ' 29.23 " W LONG.

ANTENNA ID: TBD 3.6 meters
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-REG-20180619-01728~~ E E181036 Cap Rock Telephone Cooperative, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 210 East 3rd St. (Cap Rock Tel Sat.), Dickens, Spur, TX
33 ° 28 ' 35.24 " N LAT. 100 ° 51 ' 12.27 " W LONG.

ANTENNA ID: PROD 3.7 meters Prodelin 3.7M.
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

ANTENNA ID: Pat 3 meters Patriot 10M.
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - AMC 10 (S2432) - (135 W.L.)

1 - AMC-16 (S2181) - (85 W.L.)

1 - GALAXY 13 (S2386) - (127 W.L.)

1 - GALAXY 14 (S2385) - (125 W.L.)

1 - GALAXY 15 (S2387) - (133.1)

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 28 (S2160) - (89.0 W.L.)

1 - SES-1 (S2807) - (101.0 W.L.)

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

1 - SES-3 (S2892) - (103 W.L.)

SES-REG-20180620-01804 E E181078 Public Radio Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3050 Valley Creek Drive (WRKF LRN), East Baton Rouge, Baton Rouge, LA
30 ° 25 ' 7.09 " N LAT. 91 ° 8 ' 18.90 " W LONG.

ANTENNA ID: TBD 3.8 meters Comtech 3.8m fiberglass

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - SES-2 (S2826) - (87 W.L.)

SES-REG-20180625-01882 E E181150 Iredell Broadcasting, Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 1117 Radio Rd, Iredell, Statesville, NC
35 ° 48 ' 14.00 " N LAT. 80 ° 53 ' 27.00 " W LONG.

ANTENNA ID: TBD 3.8 meters 3.8M.

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

Site 1 - INTELSAT 23 - (53 W. L.)

SES-REG-20180625-01895 E E181161 LeRoy Billy (d/b/a KPRV RADIO)

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 22153 U.S. Highway 59 (KPRVV AMFM STUDIO), USA, Poteau, OK
35 ° 1 ' 7.00 " N LAT. 94 ° 39 ' 21.00 " W LONG.

ANTENNA ID: KPRV 1 3.048 meters ODOM ODOM 1

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180626-01881 E E181149 Signal Media of Arkansas, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2400 Cottondale Ln (Signal Media Studio), Pulaski, Little Rock, AR
34 ° 45 ' 42.70 " N LAT. 92 ° 18 ' 2.80 " W LONG.

ANTENNA ID:	ANT2	2.8 meters	Scientific Atlanta	9000/2.8 meter	
	3700.0000 - 4200.0000 MHz		36M0F8W	0.00 dBW	Analog Audio
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Audio
ANTENNA ID:	ANT1	3.8 meters	Prodelin	1381-475	
	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:

1 - PERMITTED LIST - ()

SES-REG-20180626-01924 E E181185 Minnesota Iowa Christian Broadcasting Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE 1

LOCATION: 4161 Jersey Avenue, Mitchell, St Ansgar, IA
43 ° 21 ' 51.12 " N LAT. 92 ° 51 ' 3.60 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	D&H Satellite	38DH1	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Analog Video with associated subcarriers

Points of Communication:

SITE 1 - PERMITTED LIST - ()

SES-REG-20180626-01925 E E181186 Minnesota Iowa Christian Broadcasting Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1908 210th Street (GG), Dickinson, Milford, IA
43 ° 20 ' 34.80 " N LAT. 95 ° 12 ' 28.08 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	D&H Satellite	38DH1
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Video
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180626-01926 E E181187 Minnesota Iowa Christian Broadcasting Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE 1
LOCATION: 1118 220th Street, Wright, Goldfield, IA
42 ° 43 ' 52.32 " N LAT. 93 ° 55 ' 17.04 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	D&H Satellite	38DH1
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Video
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Analog Video with associated subcarriers

Points of Communication:

SITE 1 - PERMITTED LIST - ()

SES-REG-20180627-01921 E E181182 Farmers Mutual Telephone Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 504 sargent st Rudd, IA, Floyd, Rudd, IA
43 ° 7 ' 53.88 " N LAT. 92 ° 54 ' 17.39 " W LONG.

ANTENNA ID:	TBD	3.7 meters	prodelin corp	3.7m pedestal mt
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02263 E E181413 Sandhill Connexions, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1635 Hwy 15/401, Marlboro, Bennettsville, SC

34 ° 37 ' 37.00 " N LAT.

79 ° 36 ' 45.00 " W LONG.

ANTENNA ID:	ANT 1	3.7 meters	Patriot	Not legible	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video
ANTENNA ID:	ANT 2	3.7 meters	Patriot	Not legible	
	3700.0000 - 4200.0000 MHz		36M0G7D	0.00 dBW	Video
ANTENNA ID:	ANT 3	4 meters	N/A	N/A	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video
ANTENNA ID:	ANT 4	4.8 meters	Superior Satellite	N/A	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video
ANTENNA ID:	ANT 5	5.3 meters	Scientific Atlanta	8126	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video
ANTENNA ID:	ANT 6	3.8 meters	N/A	N/A	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video
ANTENNA ID:	ANT 7	3.4 meters	Scientific Atlanta	9000	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02269 E E181419 Bison Media, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7150 Campus Drive, Suite 150, El Paso, COLORADO SPRINGS, CO

38 ° 56 ' 7.00 " N LAT.

104 ° 48 ' 41.00 " W LONG.

ANTENNA ID:	3.7D&	3.7 meters	D&H	37DH448A
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3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02320 E E181440 Cox Communications California, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 17 Journey, Orange, ALISO VIEJO, CA

33 ° 33 ' 59.60 " N LAT.

117 ° 43 ' 39.80 " W LONG.

ANTENNA ID: 4.5SC 4.5 meters SCIENTIFIC-ATLANTA, INC 8345 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20190214-00175 E E100088 O3b Limited

Special Temporary Authority

Class of Station:

O3b Limited requests special temporary authority for 180 days, beginning April 21, 2019, to operate its 7.3-meter fixed earth station antenna in Haleiwa, HI to conduct in-orbit testing with the next 4 O3b NGS0 satellites in the 19.7-20.2 GHz (space-to-Earth) and 29.5-30.0 GHz (Earth-to-space) frequency bands.

Points of Communication:

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