



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02272

Wednesday June 3, 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-20200511-00517 E E160077 Kenneth Copeland Ministries

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20200413-00398 for a description of this application.

SITE ID: 1

LOCATION: 14355 Morris Dido Road (4.8M.), Wise, Newark, TX

32 ° 59 ' 21.00 " N LAT.

97 ° 29 ' 7.00 " W LONG.

ANTENNA ID:	4.8M.	4.8 meters	GD VERTEX	4.8M.
	6325.0000 - 6425.0000 MHz		1M23G7W 58.80 dBW	Digital traffic, various FEC, modulations and data rates
	6325.0000 - 6425.0000 MHz		36M0G7W 71.44 dBW	Digital traffic, various FEC, modulations and data rates
	5985.0000 - 6167.0000 MHz		36M0G7W 71.10 dBW	Digital traffic, various FEC, modulations and data rates
	5985.0000 - 6167.0000 MHz		1M23G7W 56.80 dBW	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		1M23G7W	Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191206-01665 E E191406 Swarm Technologies, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: 1

LOCATION: 312 RT 2A SHELL FUEL FARM RD, Guam, Piti, GU

13 ° 24 ' 56.22 " N LAT.

144 ° 41 ' 16.32 " E LONG.

ANTENNA ID:	1	1.1 meters	Swarm	001
	148.2500 - 149.9500 MHz	7K80F1D	12.00 dBW	FSK / data (non-voice)
	148.2500 - 148.5850 MHz	250KF1D	12.00 dBW	FSK / data (non-voice)
	137.0250 - 138.0000 MHz	7K80F1D	0.00 dBW	FSK / data (non-voice)
	137.8125 - 138.0000 MHz	125KF1D	0.00 dBW	FSK / data (non-voice)
ANTENNA ID:	2	3 meters	Swarm	002
	148.2500 - 149.9500 MHz	7K80F1D	15.50 dBW	FSK / data (non-voice)
	148.2500 - 148.5850 MHz	250KF1D	15.50 dBW	FSK / data (non-voice)
	137.0250 - 138.0000 MHz	7K80F1D	0.00 dBW	FSK / data (non-voice)
	137.8125 - 138.0000 MHz	125KF1D	0.00 dBW	FSK / data (non-voice)
ANTENNA ID:	3	1.6 meters	Swarm	003
	148.2500 - 149.9500 MHz	7K80F1D	10.00 dBW	FSK / data (non-voice)
	148.2500 - 148.5850 MHz	250KF1D	10.00 dBW	FSK / data (non-voice)
	137.0250 - 138.0000 MHz	7K80F1D	0.00 dBW	FSK / data (non-voice)
	137.8125 - 138.0000 MHz	125KF1D	0.00 dBW	FSK / data (non-voice)
ANTENNA ID:	4	1.7 meters	Swarm	004
	148.2500 - 149.9500 MHz	7K80F1D	21.00 dBW	FSK / data (non-voice)
	148.2500 - 148.5850 MHz	250KF1D	21.00 dBW	FSK / data (non-voice)
	137.0250 - 138.0000 MHz	7K80F1D	0.00 dBW	FSK / data (non-voice)

137.8125 - 138.0000 MHz	125KF1D	0.00 dBW	FSK / data (non-voice)
148.2500 - 148.5850 MHz	250KF1D	12.00 dBW	FSK / data (non-voice)
ANTENNA ID: 5	0.55 meters	Swarm	005
148.2500 - 149.9500 MHz	7K80F1D	12.00 dBW	FSK / data (non-voice)
137.0250 - 138.0000 MHz	7K80F1D	0.00 dBW	FSK / data (non-voice)
137.8125 - 138.0000 MHz	125KF1D	0.00 dBW	FSK / data (non-voice)

Points of Communication:

1 - Swarm (S3041) - (NGSO)

SES-MOD-20180817-02673 E E010188 Cox Communications Arizona, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Cox Communications Arizona, LLC requests modification of its fixed earth in Tuscon, AZ to update the site and antenna information to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: Chandler

LOCATION: 4777 EAST 29TH STREET, PIMA, TUSCON, AZ

32 ° 12 ' 3.80 " N LAT.

110 ° 53 ' 26.50 " W LONG.

ANTENNA ID: 5.0 5 meters Stimulsat 5.0m

3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO

Points of Communication:

Chandler - PERMITTED LIST - ()

SES-MOD-20180820-02670 E E010196 Cox Communications, Inc

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Cox Communications, Inc requests modification of its fixed earth in Fort Smith, AR to update the site and antenna to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: Fort Smith

LOCATION: 3117 STATE LINE ROAD, SEBASTIAN, FORT SMITH, AR

35 ° 21 ' 15.10 " N LAT.

94 ° 25 ' 53.10 " W LONG.

ANTENNA ID: 3.7m 10 meters General Dynamics/Prodelin 3.7m

3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO CARRIER

Points of Communication:

Fort Smith - PERMITTED LIST - ()

SES-MOD-20180821-02800 E E010284 Cox Communications Louisiana, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Cox Communications Louisiana, LLC requests modification of its fixed earth station in Lafayette, LA to correct coordinates, replace antenna, and emission designator. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 101 APRIL ST., LAFAYETTE, LAFAYETTE, LA
30 ° 13 ' 34.70 " N LAT. 92 ° 3 ' 3.40 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC-ATLANTA 8008

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180821-02801 E E880410 Cox Communications Louisiana, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Cox Communications Louisiana, LLC requests modification of its fixed earth station in Gonzale, LA to correct coordinates, replace antenna, and emission designator. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 41107 Hwy. 621, ASCENSION PaRISH, GONZALES, LA
30 ° 16 ' 9.30 " N LAT. 90 ° 55 ' 5.30 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180920-03558 E E180626 Sinclair Television Group, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Sinclair Television Group, Inc. requests modification of its fixed earth station in Kirksville, MO to correct coordinates, increase quantity of antennas by adding two 4.5-meter Patriot antennas in addition to the one previously registered. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 15518 US HWY 63, ADAIR, KIRKSVILLE, MO
40 ° 15 ' 53.50 " N LAT. 92 ° 34 ' 47.70 " W LONG.

ANTENNA ID:	1	4.5 meters	Patriot	PRT
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	4.5M.	4.5 meters	Patriot	PRT
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO, AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180921-03580 E E2823 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 requests modification of its fixed earth station in Pittsburgh, PA to correct coordinates and increase the quantity of antennas. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 300 Corliss Street, ALLEGHANY, PITTSBURGH, PA
40 ° 27 ' 6.00 " N LAT. 80 ° 2 ' 48.00 " W LONG.

ANTENNA ID:	5M.	5 meters	SCIENTIFIC ATLANTA	8008
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181008-03923 E E050052 Citizens Cablevision Inc

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Citizens Cablevision Inc. requests modification of its fixed earth station in Floyd, VA to update the earth station to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 220 Webbs Mill Road, FLOYD, FLOYD, VA
36 ° 55 ' 6.30 " N LAT. 80 ° 19 ' 32.70 " W LONG.

ANTENNA ID:	1	5 meters	ATCI SIMULSAT	SIMULSAT 5B
	3700.0000 - 4200.0000 MHz		36M0F8W	VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181011-03796 E E060035 Northern Community Radio, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Northern Community Radio, Inc. requests modification of its fixed earth station in Grand Rapids, MI to relocate the earth station to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 260 NE 2ND ST., KEN, GRAND RAPIDS, MN
47 ° 14 ' 0.10 " N LAT. 93 ° 31 ' 27.50 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8
	3700.0000 - 4200.0000 MHz		30K0G7W	DIGITAL TRAFFIC
	3700.0000 - 4200.0000 MHz		30M0G7W	DIGITAL TRAFFIC

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181011-03931 E E180517 KEYE Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

KEYE Licensee, LLC requests modification of its fixed earth station in Austin, TX to correct geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 10700 Metric Blvd., Travis, Austin, TX
30 ° 23 ' 14.50 " N LAT. 97 ° 42 ' 42.80 " W LONG.

ANTENNA ID:	1	7.3 meters	Andrew Corporation	7.3M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	2	4.5 meters	ANDREW CORPORATION	ES45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	3.8 meters	PATRIOT	PRT380

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181011-04506 E E180471 WMMP Licensee L.P.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

WMMP Licensee L.P. requests modification of its fixed earth station in Mount Pleasant, SC to correct geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 888 Allbritton Blvd, Charleston, Mount Pleasant, SC

32 ° 48 ' 32.60 " N LAT.

79 ° 52 ' 17.30 " W LONG.

ANTENNA ID:	1	4.5 meters	Andrew Corporation	ESA45-46A
	3700.0000 - 4200.0000 MHz	36M0G7W		digital data: various FEC, data rates and modulation
ANTENNA ID:	2	5 meters	COMTECH	5M
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video and Data
ANTENNA ID:	3	3.8 meters	DH	38DH1
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video and Data
ANTENNA ID:	4	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video and Data
ANTENNA ID:	5	3.8 meters	PATRIOT	3.8MAZE1
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181011-04510 E E180236 KHGI Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

KHGI Licensee, LLC requests modification of its fixed earth station in Axtell, NE to correct geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 1078 25th Road, Kearney, Axtell, NE
40 ° 29 ' 35.60 " N LAT. 99 ° 5 ' 2.70 " W LONG.

ANTENNA ID:	1	7.3 meters	Andrew Corporation	ESA73-46
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	2	4.5 meters	ANDREW	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	5 meters	AFC	5.0/PR-16
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	4	3.1 meters	PATRIOT	PRT-310AZ
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181012-03927 E E180204 WPGH Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

WPGH Licensee, LLC requests modification of its fixed earth station in Pittsburgh, PA to correct geographic coordinates and add an antenna to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 750 Ivory Ave, Allegheny, Pittsburgh, PA
40 ° 29 ' 41.60 " N LAT. 80 ° 0 ' 16.05 " W LONG.

ANTENNA ID:	1	7.3 meters	Comtech	7.3M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	2	4.5 meters	ANDREW	ES45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181012-03929 E E180247 KPTM Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

KPTM Licensee, LLC requests modification of its fixed earth station in Omaha, NE to correct geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 4625 Farnam St, Douglas, Omaha, NE
41 ° 15 ' 26.30 " N LAT. 95 ° 59 ' 1.20 " W LONG.

ANTENNA ID: 1	4.5 meters	DH Satellite	Gibraltar
3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID: 2	4.5 meters	ANDREW	4.5M
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 3	6.1 meters	VERTEX	6.1KPC
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 4	4.5 meters	ANDREW	4.5M
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 5	4.5 meters	PATRIOT	4.5
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181012-03930 E E180210 WKRC Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

WKRC Licensee, LLC requests modification of its fixed earth station in Cincinnati, OH to correct geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 1906 Highland Ave, Hamilton, Cincinnati, OH
39 ° 7 ' 0.04 " N LAT. 84 ° 30 ' 8.70 " W LONG.

ANTENNA ID: 1	7.3 meters	Andrew Corporation	ESA73-46
3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID: 2	3.8 meters	PATRIOT	PRT380

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data
ANTENNA ID: 3	3.6 meters	PATRIOT
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data
ANTENNA ID: 4	4.8 meters	PATRIOT
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data
ANTENNA ID: 5	3.4 meters	PATRIOT
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181012-05582 E E180513 KUPN Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

KUPN Licensee, LLC requests modification of its fixed earth station in Las Vegas, NV to correct the geographic coordinates and to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 1500 Foremaster Lane, Clark, Las Vegas, NV

36 ° 11 ' 6.70 " N LAT.

115 ° 7 ' 38.70 " W LONG.

ANTENNA ID: 1	4.5 meters	Patriot	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation	
ANTENNA ID: 2	4.5 meters	PATRIOT	PRT450
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data	
ANTENNA ID: 3	4.5 meters	PATRIOT	PRT450
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data	
ANTENNA ID: 4	3.2 meters	PATRIOT	PRT320
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video and Data	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03554 E E040443 Discovery World Television, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Discovery Productions Group, Inc., requests modification of its fixed earth station in Sterling, VA to correct coordinates, increase quantity of antennas by adding a 4.5-meter antenna. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 45580 TERMINAL DRIVE, LOUDOUN, STERLING, VA

38 ° 59 ' 15.40 " N LAT.

77 ° 25 ' 30.90 " W LONG.

ANTENNA ID:	1	4.5 meters	PATRIOT ANTENNA SYSTEMS	4.5METER
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO, AUDIO, AND DATA
	3700.0000 - 4200.0000 MHz		4M00G7W -	DIGITAL VIDEO, AUDIO, AND DATA
	3700.0000 - 4200.0000 MHz		36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
ANTENNA ID:	3.8M.	3.8 meters	PATRIOT	3.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
	3700.0000 - 4200.0000 MHz		4M00G7W	Digital Video Carrier
ANTENNA ID:	4.5M.	4.5 meters	PATRIOT	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03701 E E120156 UniMas Boston LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

UniMas Boston LLC requests modification of its fixed earth station in Hudson, MA to change the site address to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 71 PARMENTER ROAD, MIDDLESEX, HUDSON, MA

42 ° 23 ' 3.00 " N LAT.

71 ° 29 ' 36.80 " W LONG.

ANTENNA ID:	1	7.3 meters	COMTECH	847007-G
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03790 E E040336 Discovery World Television, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Discovery World Television, Inc. requests modification of its fixed earth station in Sterling, VA to correct the geographic coordinates and to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 45880 TERMINAL DRIVE, LOUDOUN, STERLING, VA

38 ° 59 ' 16.30 " N LAT.

77 ° 25 ' 31.10 " W LONG.

ANTENNA ID:	1	4.5 meters	PATRIOT	4.5M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
	3700.0000 - 4200.0000 MHz		4M00G7W -	Digital Data Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03797 E E040263 Board of Trustees, University of Kentucky

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Board of Trustees, University of Kentucky requests modification of its fixed earth station in Lexington, KY to relocate the earth station and add antenna to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 2640 SPURR ROAD, LEXINGTON, LEXINGTON, KY

38 ° 6 ' 16.60 " N LAT.

84 ° 31 ' 21.30 " W LONG.

ANTENNA ID:	3.8M.	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8M PF
	3700.0000 - 4200.0000 MHz		10M3G7W	DIGITAL AUDIO CARRIER
	3700.0000 - 4200.0000 MHz		30K0F1D	DIGITAL AUDIO CARRIER
ANTENNA ID:	3.7M	3.7 meters	PRODELIN	3.7M
	3700.0000 - 4200.0000 MHz		10M3G7W	DIGITAL AUDIO CARRIER
	3700.0000 - 4200.0000 MHz		30K0F1D	DIGITAL AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03932 E E180202 KRXI Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

KRXI Licensee, LLC requests modification of its fixed earth station in Reno, NV to correct geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 1790 Vassar St, Washoe, Reno, NV

39 ° 30 ' 44.20 " N LAT.

119 ° 47 ' 11.40 " W LONG.

ANTENNA ID:	1	5 meters	AFC	5.0M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	2	4.5 meters	SCIENTIFIC ATLANTA	SA4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	3.8 meters	PRODELIN	PRO3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	4	4.5 meters	ANDREW	ES45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	5	3.7 meters	DH	DH3.7
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03935 E E180264 South West Oregon Television Broadcasting Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

South West Oregon Television Broadcasting Corporation requests modification of its fixed earth station in Roseburg, OR to add antenna to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 655 W Umpqua St, Douglas, Roseburg, OR

43 ° 12 ' 47.80 " N LAT.

123 ° 21 ' 30.70 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	136.750
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3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation
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3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL DATA A VIDEO
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ANTENNA ID: 2	4.6 meters	MARK PRODUCTS CO.	USP-4180RL
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Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-03786 E E170080 MX1 Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

MX1 Inc. requests modification of its fixed earth station in Hawley, PA to add new emission designators to communicate with the current licensed points of communications in the current licensed frequency bands.

SITE ID: 1

LOCATION: 157 Kimbles Road, Wayne, Hawley, PA

41 ° 27 ' 49.80 " N LAT.

75 ° 7 ' 51.30 " W LONG.

ANTENNA ID: HS7B	9.3 meters	ASC Signal	9.3 meter
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5925.0000 - 6425.0000 MHz	36M0G7W	79.14 dBW	Digital data
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5925.0000 - 6425.0000 MHz	6M00G7W	71.30 dBW	Digital data
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital data
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3700.0000 - 4200.0000 MHz	6M00G7W	0.00 dBW	Digital data
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5925.0000 - 6425.0000 MHz	1M00F8W	63.50 dBW	ANALOG TC CARRIER
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5925.0000 - 6425.0000 MHz	100KG7W	53.50 dBW	Digital data
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3700.0000 - 4200.0000 MHz	100KG7W		Digital data
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ANTENNA ID: HS13A	9.3 meters	GD Satcom/Vertex	9.3 KPC
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5925.0000 - 6425.0000 MHz	36M0G7W	79.54 dBW	Digital data
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5925.0000 - 6425.0000 MHz	6M00G7W	71.70 dBW	Digital data
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital data
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3700.0000 - 4200.0000 MHz	6M00G7W	0.00 dBW	Digital data
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5925.0000 - 6425.0000 MHz	1M00F8W	64.00 dBW	ANALOG TELECOMMAND CARRIER
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5925.0000 - 6425.0000 MHz	100KG7W	53.90 dBW	Digital data
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3700.0000 - 4200.0000 MHz

100KG7W

Digital data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181017-03680 E E090084 AT&T Corp.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

AT&T Corp. requests modification of its fixed earth station in Hampton, GA to add antennas to communicate with the current licensed points of communication in the current licensed frequency bands.

SITE ID: 1

LOCATION: 285 Bear Creek Boulevard, Henry, Hampton, GA

33 ° 22 ' 41.40 " N LAT.

84 ° 17 ' 51.70 " W LONG.

ANTENNA ID:	1	18.3 meters	Vertex Communications	18.3 KPC
6243.0000 - 6425.0000 MHz		36M0G7W	81.80 dBW	Digital Audio and Data
6243.0000 - 6425.0000 MHz		1M50G7W	71.70 dBW	Digital Audio and Data
5991.0000 - 6211.0000 MHz		36M0G7W	81.80 dBW	Digital Audio and Data
5991.0000 - 6211.0000 MHz		1M50G7W	71.70 dBW	Digital Audio and Data
5925.0000 - 5959.0000 MHz		33M0G7W	81.80 dBW	Digital Audio and Data
5925.0000 - 5959.0000 MHz		1M50G7W	71.70 dBW	Digital Audio and Data
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Audio and Data
3700.0000 - 4200.0000 MHz		1M50G7W		Digital Audio and Data
ANTENNA ID:	13.1	13.1 meters	GEN DYNAMICS	SATCOM
5925.0000 - 5959.0000 MHz		1M50G7W	69.04 dBW	DIGITAL DATA
5925.0000 - 5959.0000 MHz		36M0G7W	82.84 dBW	DIGITAL DATA
5991.0000 - 6211.0000 MHz		1M50G7W	69.04 dBW	DIGITAL DATA
5991.0000 - 6211.0000 MHz		36M0G7W	82.84 dBW	DIGITAL DATA
6243.0000 - 6425.0000 MHz		1M50G7W	69.04 dBW	DIGITAL DATA
6243.0000 - 6425.0000 MHz		36M0G7W	82.84 dBW	DIGITAL DATA
3700.0000 - 4200.0000 MHz		1M50G7W		DIGITAL DATA

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181018-03924 E E2516 CoBridge Broadband, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

CoBridge Broadband, LLC requests modification of its fixed earth station in Harrisonville, MO to update the geographic coordinates to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 24301 S JEFFERSON PKWY, CASS, HARRISONVILLE, MO

38 ° 40 ' 46.00 " N LAT.

94 ° 21 ' 1.00 " W LONG.

ANTENNA ID: 1

5 meters

SCIENTIFIC ATLANTA

8008B

3700.0000 - 4200.0000 MHz

36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20190522-00621 E E040462 TDS METROCOM, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

TDS Metrocom, LLC, requests modification of its fixed earth station in Madison, WI to identify and correct coordinates, replace antenna, increase quantity of antenna, This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 6400 SCHROEDER ROAD, DANE, MADISON, WI

43 ° 2 ' 52.01 " N LAT.

89 ° 29 ' 33.47 " W LONG.

ANTENNA ID: 1

4.5 meters

SUPERIOR SATELLITE

SSE8345

3700.0000 - 4200.0000 MHz

36M0G7W

NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20190522-00786 E KG24 TDS BROADBAND SERVICE LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

TDS Broadband Service LLC, requests modification of its fixed earth station in Carlsbad, NM to correct and update the site information and add antennas. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
 LOCATION: 1092 N. CANAL STREET, EDDY, CARLSBAD, NM
 32 ° 26 ' 7.74 " N LAT. 104 ° 13 ' 42.01 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC ATLANTA	8345 4.5 METER
	3700.0000 - 4200.0000 MHz		25M0F8W	
ANTENNA ID:	8	5.1 meters	Scientific Atlanta	8023
	3700.0000 - 4200.0000 MHz		25M0F8W	NULL
ANTENNA ID:	9	3.8 meters	Patriot	Commercial Antenna E
	3700.0000 - 4200.0000 MHz		25M0F8W	NULL
ANTENNA ID:	10	3.6 meters	Patriot	Commercial Antenna E
	3700.0000 - 4200.0000 MHz		25M0F8W	NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20200413-00398 E E160077 Kenneth Copeland Ministries
 Application for Modification
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

Kenneth Copeland Ministries requests modification of its fixed earth station in Newark, TX to communicate with Permitted list satellites in the 5985-6167 MHz and 6325-6425 MHz (Earth-to-space), and 3700-4200 MHz (space-to-Earth) frequency bands. See IBFS File No. SES-AMD-20200511-00517.

SITE ID: 1
 LOCATION: 14355 Morris Dido Road (4.8M.), Wise, Newark, TX
 32 ° 59 ' 21.00 " N LAT. 97 ° 29 ' 7.00 " W LONG.

ANTENNA ID:	4.8M.	4.8 meters	GD VERTEX	4.8M.
	5985.0000 - 6167.0000 MHz		36M0G7W	71.10 dBW
				Digital traffic, various FEC, modulations and data rates
	5985.0000 - 6167.0000 MHz		1M23G7W	56.80 dBW
				Digital traffic, various FEC, modulations and data rates
	6325.0000 - 6425.0000 MHz		1M23G7W	58.80 dBW
				Digital traffic, various FEC, modulations and data rates
	6325.0000 - 6425.0000 MHz		36M0G7W	71.44 dBW
				Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz	1M23G7W	Digital traffic, various FEC, modulations and data rates
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, modulations and data rates
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Points of Communication:

1 - PERMITTED LIST - ()

~~SES-REG-20180714-02441~~ E E181560 Faith Sound Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4016 28th St. SE, Olmsted, Rochester, MN

43 ° 58 ' 52.85 " N LAT.

92 ° 23 ' 48.78 " W LONG.

ANTENNA ID: 1 4.5 meters DH 37DH1

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-REG-20180829-04042~~ E E190348 Grand Valley State University

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4465 Pierce St, Ottawa, Allendale

42 ° 57 ' 33.50 " N LAT.

85 ° 53 ' 46.00 " W LONG.

ANTENNA ID: 1 7 meters RSI 7 meter

3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW Analog Audio and Video

ANTENNA ID: 2 3.7 meters Prodelin 3.7

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Data

ANTENNA ID: 3 10 meters Andrew 10 meter

3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW Analog Audio and Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180831-04150 E E190456 Astound Broadband, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 220 Mason Circle, Contra Costa, Concord, CA

38 ° 0 ' 41.00 " N LAT.

122 ° 2 ' 22.00 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific Atlanta	8345PF
	3700.0000 - 4200.0000 MHz		36M0F8F	Analog Video w/Associated Subcarriers
	3700.0000 - 4200.0000 MHz		36M0G7F	Video Compressed
ANTENNA ID:	2	3.8 meters	Unknown	Unknown
	3700.0000 - 4200.0000 MHz		36M0F8F	Analog Video w/Associated Subcarriers
	3700.0000 - 4200.0000 MHz		36M0G7F	Video Compressed

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180831-04152 E E190458 WaveDivision I, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 398 W. Cross Island Rd., Island, Camano Island, WA

48 ° 13 ' 34.60 " N LAT.

122 ° 30 ' 14.70 " W LONG.

ANTENNA ID:	1	4.5 meters	Patriot	King 450
	3700.0000 - 4200.0000 MHz		36M0F8F	Analog Video w/Associated Subcarriers
	3700.0000 - 4200.0000 MHz		36M0G7F	Video Compressed

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180831-04153 E E190459 Leatherman Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 421 Washington Street, Livingston, Chillicothe, MO
39 ° 47 ' 30.20 " N LAT. 93 ° 33 ' 11.50 " W LONG.

ANTENNA ID: 1 3.5 meters Hughes RO-3.5
3700.0000 - 4200.0000 MHz 2M45G7W 0.00 dBW DVB-S RECEIVE ONLY

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180914-04457 E E190798 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: JULIAN
LOCATION: 2353 Ethelwyn Ln, JULIAN, CA
33 ° 4 ' 50.50 " N LAT. 116 ° 35 ' 35.96 " W LONG.

ANTENNA ID: STANDARD 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: NEWBERRY SPRINGS
LOCATION: 34380 Newberry Road, NEWBERRY SPRINGS, CA
34 ° 52 ' 36.52 " N LAT. 116 ° 39 ' 46.88 " W LONG.

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

SITE ID: ANZA
LOCATION: 39075 Contreras Road, ANZA, CA
33 ° 33 ' 13.83 " N LAT. 116 ° 40 ' 30.32 " W LONG.

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

SITE ID: IDYLLWILD
LOCATION: 53830 Tollgate Rd, IDYLLWILD, CA
33 ° 44 ' 16.02 " N LAT. 116 ° 43 ' 22.64 " W LONG.

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

SITE ID: LUCERNE VALLEY
LOCATION: 10865 Post Office Road, LUCERNE VALLEY, CA
34 ° 26 ' 59.76 " N LAT. 116 ° 55 ' 9.01 " W LONG.

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

SITE ID: BANNING, BEAUMONT, S
 LOCATION: 6140 West Wilson Street, BANNING, CA
 33 ° 55 ' 57.03 " N LAT. 116 ° 56 ' 38.61 " W LONG.

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

SITE ID: FUERTE &
 LOCATION: 1270 South Orange Avenue, EL CAJON, CA
 32 ° 46 ' 41.58 " N LAT. 116 ° 57 ' 54.10 " W LONG.

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

SITE ID: EL NOPAL, WEST HILLS
 LOCATION: 10052 North Magnolia Avenue, SANTEE, CA
 32 ° 51 ' 39.58 " N LAT. 116 ° 58 ' 18.33 " W LONG.

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

SITE ID: CHULA VISTA 3, YSA,
 LOCATION: 1590 East H Street, CHULA VISTA, CA
 32 ° 38 ' 42.04 " N LAT. 116 ° 59 ' 45.44 " W LONG.

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

SITE ID: DOS PICOS (SP), HIGH
 LOCATION: 527 9th Street, RAMONA, CA
 33 ° 2 ' 24.48 " N LAT. 116 ° 51 ' 55.08 " W LONG.

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

SITE ID: PARADISE HILLS, SWEE
 LOCATION: 8472 Blossom Lane, LEMON GROVE, CA
 32 ° 43 ' 30.68 " N LAT. 117 ° 1 ' 3.05 " W LONG.

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

SITE ID: BARSTOW
LOCATION: 2571 Barstow Road, BARSTOW, CA
34 ° 52 ' 26.95 " N LAT. 117 ° 1 ' 18.85 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: EL NORTE (SP), ESCON
LOCATION: 1917 East Washington Avenue, ESCONDIDO, CA
33 ° 8 ' 24.77 " N LAT. 117 ° 3 ' 18.93 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: YUCAIPA 2, 3, 5 &
LOCATION: 12776 6th Street, YUCAIPA, CA
34 ° 1 ' 18.17 " N LAT. 117 ° 3 ' 39.02 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BUTTERFIELD STAGE, L
LOCATION: 32374 Pauba Road, TEMECULA, CA
33 ° 29 ' 11.39 " N LAT. 117 ° 4 ' 12.04 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DIAMOND VALLEY, FRUI
LOCATION: 425 North Kirby Street, HEMET, CA
33 ° 45 ' 10.87 " N LAT. 116 ° 59 ' 53.63 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DISCOVERY HILLS, FEL
LOCATION: 2255 Felicita Road, ESCONDIDO, CA
33 ° 5 ' 32.00 " N LAT. 117 ° 5 ' 9.36 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SAN DIEGO 1, 8 &
LOCATION: 4195 Camino Del Rio South, SAN DIEGO, CA
32 ° 46 ' 39.04 " N LAT. 117 ° 6 ' 14.77 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PENASQUITOS 1, 2, SC
 LOCATION: 12835 Black Mountain Road, SAN DIEGO, CA
 32 ° 57 ' 4.96 " N LAT. 117 ° 7 ' 45.96 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CRAFTON HILLS YSA, M
 LOCATION: 350 S Wabash Ave, REDLANDS, CA
 34 ° 2 ' 55.74 " N LAT. 117 ° 8 ' 22.13 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CHAPARRAL, LAKE SKIN
 LOCATION: 29657 N General Kearny Rd, TEMECULA, CA
 33 ° 31 ' 30.57 " N LAT. 117 ° 8 ' 46.64 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DEL CERRO &
 LOCATION: 6767 51st Street, SAN DIEGO, CA
 32 ° 47 ' 41.98 " N LAT. 117 ° 4 ' 58.83 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: LAKE ARROWHEAD, RUNN
 LOCATION: 1160 Golden Rule Ln, LAKE ARROWHEAD, CA
 34 ° 16 ' 10.66 " N LAT. 117 ° 10 ' 37.12 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CALIFORNIA OAKS, LAS
 LOCATION: 24820 Las Brisas Road, MURRIETA, CA
 33 ° 34 ' 36.89 " N LAT. 117 ° 10 ' 57.28 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MENIFEE LAKES, PALOM
LOCATION: 29725 Bradley Road, SUN CITY, CA
33 ° 41 ' 21.22 " N LAT. 117 ° 11 ' 20.63 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FALLBROOK 1, 2, 3 (S)
LOCATION: 621 South Stage Coach Ln, FALLBROOK, CA
33 ° 22 ' 20.31 " N LAT. 117 ° 13 ' 42.13 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: LINDA VISTA 1, SAN D
LOCATION: 4741 Mt Abernathy Avenue, SAN DIEGO, CA
32 ° 49 ' 46.56 " N LAT. 117 ° 10 ' 14.68 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HIDDEN SPRINGS, MORE
LOCATION: 23300 Old Lake Drive, MORENO VALLEY, CA
33 ° 58 ' 7.62 " N LAT. 117 ° 15 ' 22.53 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DESERT KNOLLS, MOJAV
LOCATION: 15500 Tuscola Road, APPLE VALLEY, CA
34 ° 32 ' 0.15 " N LAT. 117 ° 16 ' 9.74 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GREEN TREE, HIGH DES
LOCATION: 12100 Ridgcrest Rd, VICTORVILLE, CA
34 ° 28 ' 20.12 " N LAT. 117 ° 16 ' 35.16 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WATERMAN
LOCATION: 3860 North Waterman Avenue, SAN BERNARDINO, CA
34 ° 9 ' 40.47 " N LAT. 117 ° 16 ' 45.89 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: VISTA 5, 10
 LOCATION: 1545 South Melrose Drive, VISTA, CA
 33 ° 10 ' 3.44 " N LAT. 117 ° 14 ' 55.35 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: LAKE ELSINORE, ORTEG
 LOCATION: 18220 Dexter Avenue, LAKE ELSINORE, CA
 33 ° 41 ' 52.74 " N LAT. 117 ° 20 ' 31.88 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: INLAND EMPIRE (SM),
 LOCATION: 1375 North Willow Avenue, RIALTO, CA
 34 ° 7 ' 28.56 " N LAT. 117 ° 22 ' 27.91 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MISSION (SP), MOUNT
 LOCATION: 5900 Grand Ave, RIVERSIDE, CA
 33 ° 57 ' 49.08 " N LAT. 117 ° 24 ' 40.18 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ALDER, BASELINE, SUM
 LOCATION: 7526 Alder Avenue, FONTANA, CA
 34 ° 7 ' 1.17 " N LAT. 117 ° 25 ' 7.70 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CARLSBAD 1, 3, 4 &
 LOCATION: 1975 Chestnut Avenue, CARLSBAD, CA
 33 ° 9 ' 40.76 " N LAT. 117 ° 19 ' 37.31 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CUCAMONGA (TO), SAN
LOCATION: 6829 Etiwanda Avenue, RANCHO CUCAMONGA, CA
34 ° 7 ' 47.24 " N LAT. 117 ° 31 ' 23.03 " W LONG.

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

SITE ID: CORONA SA, EL CERRIT
LOCATION: 1510 Taber St, CORONA, CA
33 ° 50 ' 27.09 " N LAT. 117 ° 32 ' 8.35 " W LONG.

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

SITE ID: OAK HILLS, PHELAN
LOCATION: 8889 Sheep Creek Road, PHELAN, CA
34 ° 24 ' 41.18 " N LAT. 117 ° 34 ' 19.10 " W LONG.

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

SITE ID: CIRCLE CITY, DEL REY
LOCATION: 1123 S Lincoln Ave, CORONA, CA
33 ° 52 ' 15.83 " N LAT. 117 ° 35 ' 1.94 " W LONG.

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

SITE ID: ARLINGTON, ARLINGTON
LOCATION: 4375 Jackson Street, RIVERSIDE, CA
33 ° 56 ' 0.95 " N LAT. 117 ° 26 ' 45.80 " W LONG.

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

SITE ID: LIVE OAK CANYON, SAN
LOCATION: 30522 Via Con Dios, RANCHO SANTA MARGARI, CA
33 ° 38 ' 40.58 " N LAT. 117 ° 35 ' 56.70 " W LONG.

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

SITE ID: COVENANT HILLS, MSN
LOCATION: 27976 Marguerite Parkway, MISSION VIEJO, CA
33 ° 34 ' 53.50 " N LAT. 117 ° 37 ' 49.43 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FORSTER RANCH, SAN C
 LOCATION: 470 Camino San Clemente, SAN CLEMENTE, CA
 33 ° 26 ' 27.85 " N LAT. 117 ° 38 ' 11.76 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WRIGHTWOOD
 LOCATION: 888 Hwy 2, WRIGHTWOOD, CA
 34 ° 21 ' 55.37 " N LAT. 117 ° 38 ' 34.40 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CRISTIANITOS, LIBERT
 LOCATION: 310 Avenida Vista Montana, SAN CLEMENTE, CA
 33 ° 26 ' 40.79 " N LAT. 117 ° 35 ' 40.11 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: UPLAND 1, 2 &
 LOCATION: 785 North San Antonio Avenue, UPLAND, CA
 34 ° 6 ' 10.39 " N LAT. 117 ° 39 ' 41.14 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: RIDGECREST 1, 4 &
 LOCATION: 1031 South Norma Street, RIDGECREST, CA
 35 ° 36 ' 16.96 " N LAT. 117 ° 40 ' 46.75 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CHAFFEY YSA, ONTARIO
 LOCATION: 522 West Francis Street, ONTARIO, CA
 34 ° 2 ' 29.09 " N LAT. 117 ° 39 ' 26.37 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

CHAPARRAL, LAKE SKIN - PERMITTED LIST - ()

CHAPARRAL, LAKE SKIN - PERMITTED LIST - ()

JULIAN - PERMITTED LIST - ()

SES-REG-20180921-04188 E E190505 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: GREENVILLE 1, 3

LOCATION: 400 Farris Bridge Road, GREENVILLE, SC
34 ° 53 ' 21.54 " N LAT.

82 ° 27 ' 53.61 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1334

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GREENVILLE 2, 5, YSA

LOCATION: 1301 Boiling Springs Road, GREER, SC
34 ° 51 ' 56.20 " N LAT.

82 ° 16 ' 49.78 " W LONG.

ANTENNA ID: 2 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: SIMPSONVILLE 2, 3

LOCATION: 200 Hayworth Drive, SIMPSONVILLE, SC
34 ° 41 ' 54.95 " N LAT.

82 ° 16 ' 45.45 " W LONG.

ANTENNA ID: 3 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: NORTH AUGUSTA

LOCATION: 1704 Bunting Drive, NORTH AUGUSTA, SC
33 ° 34 ' 30.97 " N LAT.

82 ° 9 ' 16.93 " W LONG.

ANTENNA ID: 4 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: SPARTANBURG 1, 2

LOCATION: 121 Quail Drive, SPARTANBURG, SC
34 ° 55 ' 37.14 " N LAT.

81 ° 54 ' 7.59 " W LONG.

ANTENNA ID: 5 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: AIKEN, COKER SPRINGS
 LOCATION: 358 East Pine Log Road, AIKEN, SC
 33 ° 31 ' 35.32 " N LAT. 81 ° 42 ' 40.32 " W LONG.

ANTENNA ID: 6 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GAFFNEY
 LOCATION: 701 West Buford Street, GAFFNEY, SC
 35 ° 4 ' 34.65 " N LAT. 81 ° 39 ' 27.76 " W LONG.

ANTENNA ID: 7 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: NEWBERRY
 LOCATION: 2 Glenn Street, NEWBERRY, SC
 34 ° 15 ' 31.40 " N LAT. 81 ° 35 ' 59.75 " W LONG.

ANTENNA ID: 8 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GREENWOOD
 LOCATION: 1417 Cokesbury Road, GREENWOOD, SC
 34 ° 13 ' 18.86 " N LAT. 82 ° 10 ' 20.55 " W LONG.

ANTENNA ID: 9 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GILBERT, LAKE MURR
 LOCATION: 2224 Augusta Highway, LEXINGTON, SC
 33 ° 58 ' 52.11 " N LAT. 81 ° 17 ' 49.83 " W LONG.

ANTENNA ID: 10 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: NEWPORT, YORK
 LOCATION: 1130 East Alexander Love Highway, YORK, SC
 34 ° 59 ' 52.63 " N LAT. 81 ° 12 ' 42.46 " W LONG.

ANTENNA ID: 11 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CHAPIN, DUTCH FORK,
 LOCATION: 7449 Broad River Road, IRMO, SC
 34 ° 5 ' 51.30 " N LAT. 81 ° 10 ' 0.47 " W LONG.

ANTENNA ID:	12	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CONGAREE, WEST COLUM			
LOCATION:	1330 Whippoorwill Drive, WEST COLUMBIA, SC			
	34 ° 0 ' 14.54 " N LAT.			81 ° 6 ' 18.27 " W LONG.
ANTENNA ID:	13	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	COLUMBIA SC (USC) IN			
LOCATION:	610 Assembly Street, COLUMBIA, SC			
	33 ° 59 ' 35.54 " N LAT.			81 ° 1 ' 53.21 " W LONG.
ANTENNA ID:	14	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	UNION			
LOCATION:	733 Peach Orchard Road, UNION, SC			
	34 ° 44 ' 4.96 " N LAT.			81 ° 35 ' 40.92 " W LONG.
ANTENNA ID:	15	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SUMMIT, WOODFIELD (S			
LOCATION:	2350 White Pine Road, COLUMBIA, SC			
	34 ° 3 ' 51.01 " N LAT.			80 ° 55 ' 39.04 " W LONG.
ANTENNA ID:	16	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CATAWBA, FORT MILL 1			
LOCATION:	1989 Reservation Road, ROCK HILL, SC			
	34 ° 54 ' 24.73 " N LAT.			80 ° 54 ' 3.19 " W LONG.
ANTENNA ID:	17	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ORANGEBURG			
LOCATION:	2740 Broughton Street, ORANGEBURG, SC			
	33 ° 30 ' 42.99 " N LAT.			80 ° 52 ' 35.81 " W LONG.
ANTENNA ID:	18	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: LANCASTER
 LOCATION: 1328 West Meeting Street, LANCASTER, SC
 34 ° 42 ' 44.79 " N LAT. 80 ° 48 ' 13.29 " W LONG.

ANTENNA ID: 19 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BEAUFORT
 LOCATION: 703 Parris Island Gateway, BEAUFORT, SC
 32 ° 23 ' 13.04 " N LAT. 80 ° 44 ' 17.89 " W LONG.

ANTENNA ID: 20 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: COLUMBIA, HOPKINS &
 LOCATION: 4440 Fort Jackson Boulevard, COLUMBIA, SC
 33 ° 59 ' 30.48 " N LAT. 80 ° 58 ' 16.13 " W LONG.

ANTENNA ID: 21 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WALTERBORO
 LOCATION: 1035 Dandridge Road, WALTERBORO, SC
 32 ° 55 ' 41.39 " N LAT. 80 ° 40 ' 56.89 " W LONG.

ANTENNA ID: 22 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CAMDEN, ELGIN
 LOCATION: 34 Chestnut Ferry Road, CAMDEN, SC
 34 ° 15 ' 0.86 " N LAT. 80 ° 37 ' 49.44 " W LONG.

ANTENNA ID: 23 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: SUMTER
 LOCATION: 1770 Hwy 15 S, SUMTER, SC
 33 ° 52 ' 9.23 " N LAT. 80 ° 21 ' 25.67 " W LONG.

ANTENNA ID: 24 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: SUMMERVILLE 1
 LOCATION: 2100 Bacons Bridge Road, SUMMERVILLE, SC
 32 ° 58 ' 13.06 " N LAT. 80 ° 11 ' 59.04 " W LONG.

ANTENNA ID: 25 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: HARTSVILLE
 LOCATION: 981 West Carolina Avenue, HARTSVILLE, SC
 34 ° 21 ' 59.28 " N LAT. 80 ° 5 ' 53.54 " W LONG.

ANTENNA ID: 26 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: HILTON HEAD
 LOCATION: 2800 Meeting Street, HILTON HEAD, SC
 32 ° 12 ' 58.14 " N LAT. 80 ° 43 ' 45.51 " W LONG.

ANTENNA ID: 27 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: MONCKS CORNER
 LOCATION: 319 West Main Street, MONCKS CORNER, SC
 33 ° 11 ' 58.37 " N LAT. 80 ° 1 ' 28.30 " W LONG.

ANTENNA ID: 28 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: CHARLESTON 1, 2, YSA
 LOCATION: 1519 Sam Rittenberg Boulevard, CHARLESTON, SC
 32 ° 48 ' 35.72 " N LAT. 80 ° 0 ' 11.35 " W LONG.

ANTENNA ID: 29 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: CHERAW
 LOCATION: 1607 State Rd 13-341, CHERAW, SC
 34 ° 42 ' 0.66 " N LAT. 79 ° 55 ' 39.68 " W LONG.

ANTENNA ID: 30 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: MOUNT PLEASANT
 LOCATION: 2115 HWY 17 N, MT PLEASANT, SC
 32 ° 50 ' 16.57 " N LAT. 79 ° 49 ' 11.89 " W LONG.

ANTENNA ID: 31 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: FLORENCE &
 LOCATION: 1620 Malden Dr, FLORENCE, SC
 34 ° 9 ' 50.05 " N LAT. 79 ° 46 ' 25.60 " W LONG.

ANTENNA ID: 32 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GOOSE CREEK, NORTH C
 LOCATION: 8720 Antler Drive, NORTH CHARLESTON, SC
 32 ° 57 ' 59.57 " N LAT. 80 ° 2 ' 48.86 " W LONG.

ANTENNA ID: 33 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CONWAY
 LOCATION: 450 Dunn Short Cut Rd, CONWAY, SC
 33 ° 51 ' 22.40 " N LAT. 79 ° 6 ' 9.10 " W LONG.

ANTENNA ID: 34 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MYRTLE BEACH, SURFSI
 LOCATION: 1392 48th Avenue North, MYRTLE BEACH, SC
 33 ° 44 ' 2.45 " N LAT. 78 ° 51 ' 35.08 " W LONG.

ANTENNA ID: 35 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BELLE FOURCHE
 LOCATION: 1105 Todd Street, BELLE FOURCHE, SD
 44 ° 39 ' 23.34 " N LAT. 103 ° 50 ' 38.72 " W LONG.

ANTENNA ID: 36 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: STURGIS
 LOCATION: 2460 South Baldwin Street, STURGIS, SD
 44 ° 23 ' 54.09 " N LAT. 103 ° 30 ' 17.79 " W LONG.

ANTENNA ID: 37 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: HOT SPRINGS
 LOCATION: 2133 Albany Street, HOT SPRINGS, SD
 43 ° 25 ' 41.88 " N LAT. 103 ° 29 ' 19.57 " W LONG.

ANTENNA ID:	38	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	MARION			
LOCATION:	200 Faulk Road, MARION, SC			
	34 ° 12 ' 32.30 " N LAT.		79 ° 22 ' 57.87 " W LONG.	
ANTENNA ID:	39	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	PINE RIDGE			
LOCATION:	860 W BIA RD 32, PINE RIDGE, SD			
	43 ° 1 ' 34.80 " N LAT.		102 ° 34 ' 22.51 " W LONG.	
ANTENNA ID:	40	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
SITE ID:	FAITH			
LOCATION:	409 Dakota St, FAITH, SD			
	45 ° 1 ' 28.05 " N LAT.		102 ° 2 ' 37.90 " W LONG.	
ANTENNA ID:	41	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
SITE ID:	EAGLE BUTTE			
LOCATION:	650 Willow St, EAGLE BUTTE, SD			
	44 ° 59 ' 50.12 " N LAT.		101 ° 14 ' 21.11 " W LONG.	
ANTENNA ID:	42	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
SITE ID:	ROSEBUD			
LOCATION:	Legion Ave/Rosebud Avenue, ROSEBUD, SD			
	43 ° 13 ' 55.02 " N LAT.		100 ° 51 ' 26.25 " W LONG.	
ANTENNA ID:	43	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
SITE ID:	PIERRE &			
LOCATION:	506 North Jefferson Avenue, PIERRE, SD			
	44 ° 22 ' 8.20 " N LAT.		100 ° 20 ' 12.29 " W LONG.	
ANTENNA ID:	44	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: BLACK HILLS, CANYON
LOCATION: 2822 Canyon Lake Drive, RAPID CITY, SD
44 ° 4 ' 36.58 " N LAT. 103 ° 16 ' 1.25 " W LONG.

ANTENNA ID: 45 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WINNER
LOCATION: 313th Ave 277th Street, WINNER, SD
43 ° 23 ' 8.99 " N LAT. 99 ° 54 ' 24.21 " W LONG.

ANTENNA ID: 46 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: CHAMBERLAIN
LOCATION: 104 South Byron Boulevard, CHAMBERLAIN, SD
43 ° 47 ' 13.62 " N LAT. 99 ° 19 ' 36.46 " W LONG.

ANTENNA ID: 47 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: ABERDEEN
LOCATION: 1103 24th Avenue Northeast, ABERDEEN, SD
45 ° 29 ' 19.10 " N LAT. 98 ° 28 ' 16.44 " W LONG.

ANTENNA ID: 48 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: HURON
LOCATION: 1450 Frank Avenue Southeast, HURON, SD
44 ° 20 ' 58.95 " N LAT. 98 ° 12 ' 15.37 " W LONG.

ANTENNA ID: 49 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: GETTYSBURG
LOCATION: 530 South Mannston Street, GETTYSBURG, SD
45 ° 0 ' 24.47 " N LAT. 99 ° 57 ' 38.01 " W LONG.

ANTENNA ID: 50 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

ABERDEEN - PERMITTED LIST - ()

AIKEN, COKER SPRINGS - PERMITTED LIST - ()

BEAUFORT - PERMITTED LIST - ()

BELLE FOURCHE - PERMITTED LIST - ()

BLACK HILLS, CANYON - PERMITTED LIST - ()

CAMDEN, ELGIN - PERMITTED LIST - ()

CATAWBA, FORT MILL 1 - PERMITTED LIST - ()

CHAMBERLAIN - PERMITTED LIST - ()

CHAPIN, DUTCH FORK, - PERMITTED LIST - ()

CHARLESTON 1, 2, YSA - PERMITTED LIST - ()

CHERAW - PERMITTED LIST - ()

COLUMBIA SC (USC) IN - PERMITTED LIST - ()

COLUMBIA, HOPKINS & - PERMITTED LIST - ()

CONGAREE, WEST COLUM - PERMITTED LIST - ()

CONWAY - PERMITTED LIST - ()

EAGLE BUTTE - PERMITTED LIST - ()

FAITH - PERMITTED LIST - ()

FLORENCE & - PERMITTED LIST - ()

GAFFNEY - PERMITTED LIST - ()

GETTYSBURG - PERMITTED LIST - ()

GILBERT, LAKE MURR - PERMITTED LIST - ()

GOOSE CREEK, NORTH C - PERMITTED LIST - ()

GREENVILLE 1, 3 - PERMITTED LIST - ()

GREENVILLE 2, 5, YSA - PERMITTED LIST - ()

GREENWOOD - PERMITTED LIST - ()

HARTSVILLE - PERMITTED LIST - ()

HILTON HEAD - PERMITTED LIST - ()

HOT SPRINGS - PERMITTED LIST - ()

HURON - PERMITTED LIST - ()

LANCASTER - PERMITTED LIST - ()

MARION - PERMITTED LIST - ()

MONCK'S CORNER - PERMITTED LIST - ()

- MOUNT PLEASANT - PERMITTED LIST - ()
- MYRTLE BEACH, SURFSI - PERMITTED LIST - ()
- NEWBERRY - PERMITTED LIST - ()
- NEWPORT, YORK - PERMITTED LIST - ()
- NORTH AUGUSTA - PERMITTED LIST - ()
- ORANGEBURG - PERMITTED LIST - ()
- PIERRE & - PERMITTED LIST - ()
- PINE RIDGE - PERMITTED LIST - ()
- ROSEBUD - PERMITTED LIST - ()
- SIMPSONVILLE 2, 3 - PERMITTED LIST - ()
- SPARTANBURG 1, 2 - PERMITTED LIST - ()
- STURGIS - PERMITTED LIST - ()
- SUMMERVILLE 1 - PERMITTED LIST - ()
- SUMMIT, WOODFIELD (S - PERMITTED LIST - ()
- SUMTER - PERMITTED LIST - ()
- WALTERBORO - PERMITTED LIST - ()
- WINNER - PERMITTED LIST - ()

SES-REG-20180928-04608 E E190975 CMSInter.Net LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Crystal

LOCATION: 122 W. Lake St., Montcalm, Crystal, MI

43 ° 15 ' 50.17 " N LAT.

84 ° 54 ' 56.77 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	Patriot	3.8
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video

Points of Communication:

Crystal - PERMITTED LIST - ()

SES-REG-20181002-04688 E E191055 RZ Radio LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAVL
LOCATION: 2501 West Ave. I, Los Angeles, Lancaster, CA
34 ° 42 ' 21.70 " N LAT. 118 ° 10 ' 37.10 " W LONG.

ANTENNA ID:	3.7M	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G7W	Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F3W	Digital / analog traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0F3W	Digital / analog traffic, various FEC, data rates and modulation

Points of Communication:

KAVL - PERMITTED LIST - ()

SES-REG-20181002-04708 E E191074 Stryker Media LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Del Rio TX
LOCATION: 80 Las Palmas, Val Verde, Del Rio, TX
29 ° 20 ' 39.74 " N LAT. 100 ° 51 ' 40.90 " W LONG.

ANTENNA ID:	C-Band 1	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Digital Video

Points of Communication:

Del Rio TX - GALAXY 19 (S2647) - (97 W.L.)

SES-REG-20181003-04853 E E191224 Stowe Cable Systems, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 169 Chez Ln, Lamoille, Jeffersonville, VT
44 ° 37 ' 37.54 " N LAT. 72 ° 49 ' 31.97 " W LONG.

ANTENNA ID:	1	3.7 meters	Dawn Co	d37f2c
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital MPEG4 Video or Audio

ANTENNA ID: 2 3.81 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital MPEG4 Video or Audio

Points of Communication:

- 1 - AMC 10 (S2432) - (135 W.L.)
- 1 - AMC-11(S2433) - (131 W.L.)
- 1 - GALAXY 13 (S2386) - (127 W.L.)
- 1 - GALAXY 14 (S2385) - (125 W.L.)
- 1 - GALAXY 15 (S2387) - (133.1)
- 1 - GALAXY 18 (S2733) - (123 W.L.)

SES-REG-20181003-04876 E E191248 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MUELLER PARK 7, 9, 1
LOCATION: 1800 Mueller Park Road, BOUNTIFUL, UT
40 ° 52 ' 1.27 " N LAT. 111 ° 50 ' 34.33 " W LONG.

ANTENNA ID: STANDARD 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ALBION, INDIAN RIDGE
LOCATION: 9636 South 1700 East, SANDY, UT
40 ° 34 ' 33.49 " N LAT. 111 ° 50 ' 38.69 " W LONG.

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

SITE ID: BALLARD CREEK, HOLLY
LOCATION: 350 West 700 South, LOGAN, UT
41 ° 43 ' 6.25 " N LAT. 111 ° 50 ' 39.24 " W LONG.

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

SITE ID: ELKHORN RANCH (YSA),
LOCATION: 3701 South 450 West, NIBLEY, UT
41 ° 39 ' 55.83 " N LAT. 111 ° 50 ' 44.71 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz		36M0G7W		
SITE ID:	BONNEVILLE 1, 2 &			
LOCATION:	1535 East Bonneview Drive, SALT LAKE CITY, UT			
	40 ° 44 ' 49.00 " N LAT.		111 ° 50 ' 48.66 " W LONG.	
ANTENNA ID:	STANDARD	3.4 meters	GENERAL DYNAMICS	Satcom 1344
3700.0000 - 4200.0000 MHz		36M0G7W		
SITE ID:	CRESCENT 10, CRESCEN			
LOCATION:	10945 South 1700 East, SANDY, UT			
	40 ° 33 ' 10.38 " N LAT.		111 ° 50 ' 36.86 " W LONG.	
ANTENNA ID:	STANDARD	3.4 meters	GENERAL DYNAMICS	Satcomm1344
3700.0000 - 4200.0000 MHz		36M0G7W		
SITE ID:	BOUNTIFUL 41, 50, HE			
LOCATION:	33 South Moss Hill Drive, BOUNTIFUL, UT			
	40 ° 53 ' 22.04 " N LAT.		111 ° 50 ' 52.08 " W LONG.	
ANTENNA ID:	STANDARD	3.4 meters	GENERAL DYNAMICS	Satcom 1344
3700.0000 - 4200.0000 MHz		36M0G7W		
SITE ID:	UNION 1, 2, 3 &			
LOCATION:	1535 East Creek Road, COTTONWOOD HEIGHTS, UT			
	40 ° 36 ' 33.63 " N LAT.		111 ° 50 ' 52.95 " W LONG.	
ANTENNA ID:	STANDARD	3.4 meters	GENERAL DYNAMICS	Satcom 1344
3700.0000 - 4200.0000 MHz		36M0G7W		
SITE ID:	HIGHLAND SPRINGS, WI			
LOCATION:	4366 South 1500 East, SALT LAKE CITY, UT			
	40 ° 40 ' 35.41 " N LAT.		111 ° 50 ' 55.47 " W LONG.	
ANTENNA ID:	STANDARD	3.4 meters	GENERAL DYNAMICS	Satcom 1344
3700.0000 - 4200.0000 MHz		36M0G7W		
SITE ID:	LEHI 5, LEHI YSA 2,			
LOCATION:	200 North Center Street, LEHI, UT			
	40 ° 23 ' 25.75 " N LAT.		111 ° 50 ' 55.69 " W LONG.	
ANTENNA ID:	STANDARD	3.4 meters	GENERAL DYNAMICS	Satcom 1344
3700.0000 - 4200.0000 MHz		36M0G7W		

SITE ID: IMPERIAL 1, 2 &
LOCATION: 2738 South Filmore Street, SALT LAKE CITY, UT
40 ° 42 ' 43.38 " N LAT. 111 ° 50 ' 51.81 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CANYON VIEW, FALCON
LOCATION: 9119 South 1300 East, SANDY, UT
40 ° 35 ' 8.80 " N LAT. 111 ° 51 ' 10.34 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CORNER CANYON 2, 4,
LOCATION: 13366 South 1300 East, DRAPER, UT
40 ° 30 ' 29.90 " N LAT. 111 ° 51 ' 13.29 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CRESCENT RIDGE 4, 7
LOCATION: 1265 East 11000 South, SANDY, UT
40 ° 33 ' 6.09 " N LAT. 111 ° 51 ' 16.99 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: COTTONWOOD CREEK, EA
LOCATION: 1250 East 4800 South, SALT LAKE CITY, UT
40 ° 39 ' 54.94 " N LAT. 111 ° 51 ' 22.01 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DRAPER 10, HIDDEN V
LOCATION: 1450 East Raddon Drive, SANDY, UT
40 ° 31 ' 57.41 " N LAT. 111 ° 51 ' 0.95 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: EAGLECREST 2, LEHI 3
LOCATION: 1920 North 500 West, LEHI, UT
40 ° 24 ' 39.98 " N LAT. 111 ° 51 ' 23.95 " W LONG.

SITE ID: BELLVIEW, CANYON RIM
LOCATION: 1050 E Galena Drive, SANDY, UT
40 ° 34 ' 22.43 " N LAT. 111 ° 51 ' 43.23 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HILLCREST 1, 7 &
LOCATION: 8485 South 1000 East, SANDY, UT
40 ° 35 ' 50.27 " N LAT. 111 ° 51 ' 44.83 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ALTA YSA, CRESCENT P
LOCATION: 11350 South 1000 East, SANDY, UT
40 ° 32 ' 44.28 " N LAT. 111 ° 51 ' 47.13 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ELEVENTH, LUCERO (SP
LOCATION: 951 E 100 S, SALT LAKE CITY, UT
40 ° 46 ' 3.59 " N LAT. 111 ° 51 ' 49.15 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SANDY UT (SLCC) II I
LOCATION: 9501 South Poppy Lane, SANDY, UT
40 ° 34 ' 41.60 " N LAT. 111 ° 51 ' 50.76 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SALINA 1, 4 &
LOCATION: 98 West 400 North, SALINA, UT
38 ° 57 ' 48.90 " N LAT. 111 ° 51 ' 42.47 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GRANT YSA, GREGSON,
LOCATION: 3151 South 900 East, SALT LAKE CITY, UT
40 ° 42 ' 9.71 " N LAT. 111 ° 51 ' 53.49 " W LONG.

SITE ID: GERMAN SPEAKING, SAL
LOCATION: 768 East 700 South, SALT LAKE CITY, UT
40 ° 45 ' 13.48 " N LAT. 111 ° 52 ' 7.81 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: UNION PARK 1, 5, 9 ()
LOCATION: 7699 South Chad Street, MIDVALE, UT
40 ° 36 ' 40.25 " N LAT. 111 ° 52 ' 8.83 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CANYON ESTATES, NORT
LOCATION: 965 Oakwood Drive, BOUNTIFUL, UT
40 ° 51 ' 16.44 " N LAT. 111 ° 52 ' 1.79 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BOUNTIFUL 8 (SA), 19
LOCATION: 1540 North 400 East, BOUNTIFUL, UT
40 ° 54 ' 20.35 " N LAT. 111 ° 52 ' 18.29 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CENTERVILLE 5, 7, 11
LOCATION: 270 North 300 East, CENTERVILLE, UT
40 ° 55 ' 8.96 " N LAT. 111 ° 52 ' 25.34 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PARK MEADOWS, PENNY
LOCATION: 601 E Mansfield Ave, SALT LAKE CITY, UT
40 ° 42 ' 12.28 " N LAT. 111 ° 52 ' 27.13 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: UNION PARK 3, 6
LOCATION: 8060 S 615 E, SANDY, UT
40 ° 36 ' 17.02 " N LAT. 111 ° 52 ' 28.70 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: UNION FORT 6, SA &
 LOCATION: 7155 S 540 E, MIDVALE, UT
 40 ° 37 ' 19.73 " N LAT. 111 ° 52 ' 31.94 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: EMIGRATION 4, 6 &
 LOCATION: 589 East 18th Avenue, SALT LAKE CITY, UT
 40 ° 47 ' 21.20 " N LAT. 111 ° 52 ' 17.41 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MOUNTAIN POINT 1, 4,
 LOCATION: 498 East Hollow Creek (14085 South), DRAPER, UT
 40 ° 29 ' 38.73 " N LAT. 111 ° 52 ' 32.99 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BRIARWOOD, PARK MEAD
 LOCATION: 950 North Main Street, CENTERVILLE, UT
 40 ° 55 ' 40.73 " N LAT. 111 ° 52 ' 42.04 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BOUNTIFUL 1, 3, 33 &
 LOCATION: 55 South Main Street, BOUNTIFUL, UT
 40 ° 53 ' 19.92 " N LAT. 111 ° 52 ' 46.44 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MILLCREEK 2, 9, WINM
 LOCATION: 4220 South Jeannine Drive, SALT LAKE CITY, UT
 40 ° 40 ' 47.51 " N LAT. 111 ° 52 ' 48.48 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MEADOWS 2, 5, 7 &
LOCATION: 573 East 13800 South, DRAPER, UT
40 ° 30 ' 3.92 " N LAT. 111 ° 52 ' 32.67 " W LONG.

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

Points of Communication:

LOGAN 12, PARK AVE & - PERMITTED LIST - ()

LOGAN 12, PARK AVE & - PERMITTED LIST - ()

MUELLER PARK 7, 9, 1 - PERMITTED LIST - ()

SES-REG-20181004-04835 E E191206 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: AMERICAN FORK 3, 27,
LOCATION: 165 North 350 West, AMERICAN FORK, UT
40 ° 22 ' 48.73 " N LAT. 111 ° 48 ' 31.43 " W LONG.

ANTENNA ID: STANDARD 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CANYON RIM 3, 4, HIG
LOCATION: 3051 S 2900 E, SALT LAKE CITY, UT
40 ° 42 ' 16.96 " N LAT. 111 ° 48 ' 34.37 " W LONG.

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

SITE ID: BRIGHTON 7, 8 &
LOCATION: 2895 East Creek Rd, SANDY, UT
40 ° 36 ' 14.36 " N LAT. 111 ° 48 ' 37.07 " W LONG.

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

SITE ID: CHERRY CREEK, RICHMO
LOCATION: 135 West Main Street, RICHMOND, UT
41 ° 55 ' 20.92 " N LAT. 111 ° 48 ' 44.97 " W LONG.

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

SITE ID: BUENA VISTA (SP), MA
LOCATION: 2750 North 800 East, NORTH LOGAN, UT
41 ° 46 ' 54.89 " N LAT. 111 ° 48 ' 46.00 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MILLVILLE 2, 4, PROV
LOCATION: 360 E 450 N, MILLVILLE, UT
41 ° 41 ' 19.27 " N LAT. 111 ° 48 ' 50.09 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: Logan YSA 11,12,13,1
LOCATION: 1295 North 800 East, LOGAN, UT
41 ° 45 ' 17.62 " N LAT. 111 ° 48 ' 52.74 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BRIGHTON 1, 6
LOCATION: 2925 East Bengal Boulevard, SALT LAKE CITY, UT
40 ° 36 ' 35.13 " N LAT. 111 ° 48 ' 34.90 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: OLYMPUS 4, 7, 8 &
LOCATION: 2675 East 4430 South, SALT LAKE CITY, UT
40 ° 40 ' 31.90 " N LAT. 111 ° 48 ' 56.65 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: LOGAN YSA 41, 42, 43
LOCATION: 720 East 1300 North, LOGAN, UT
41 ° 45 ' 14.55 " N LAT. 111 ° 48 ' 57.41 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SMITHFIELD 6, 13, 20
LOCATION: 600 East 120 South, SMITHFIELD, UT
41 ° 49 ' 59.17 " N LAT. 111 ° 48 ' 59.21 " W LONG.

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

SITE ID: LOGAN YSA 9, 34, 35,
 LOCATION: 1090 North 600 East, LOGAN, UT
 41 ° 45 ' 4.36 " N LAT. 111 ° 49 ' 5.07 " W LONG.

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

SITE ID: Logan YSA 26,27,28,2
 LOCATION: 1230 North 600 East, LOGAN, UT
 41 ° 45 ' 14.57 " N LAT. 111 ° 49 ' 5.63 " W LONG.

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

SITE ID: LOGAN UT (USU) INSTI
 LOCATION: 600 Darwin Avenue, LOGAN, UT
 41 ° 44 ' 34.27 " N LAT. 111 ° 48 ' 54.30 " W LONG.

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

SITE ID: RIVER HEIGHTS 1, 2,
 LOCATION: 800 South 600 East, RIVER HEIGHTS, UT
 41 ° 43 ' 3.19 " N LAT. 111 ° 49 ' 9.56 " W LONG.

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

SITE ID: CACHE VALLEY(DF), LO
 LOCATION: 1255 N 600 E, LOGAN, UT
 41 ° 45 ' 15.32 " N LAT. 111 ° 49 ' 10.60 " W LONG.

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

SITE ID: HIGHLAND 21, 30, 37
 LOCATION: 9626 North 6800 West, HIGHLAND, UT
 40 ° 24 ' 23.47 " N LAT. 111 ° 49 ' 12.59 " W LONG.

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

SITE ID: GUNNISON 1, 2, 3, &
LOCATION: 80 W Center St, GUNNISON, UT
39 ° 9 ' 19.77 " N LAT. 111 ° 49 ' 13.83 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: INDIAN HILLS, SALT L
LOCATION: 1320 Wasatch Drive, SALT LAKE CITY, UT
40 ° 44 ' 28.45 " N LAT. 111 ° 49 ' 18.05 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HEGESSY, LEGACY PARK
LOCATION: 2535 E Newcastle Dr, SANDY, UT
40 ° 35 ' 13.05 " N LAT. 111 ° 49 ' 7.70 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: NORTH LOGAN 3, 7, 13
LOCATION: 1850 North 400 East, NORTH LOGAN, UT
41 ° 45 ' 56.48 " N LAT. 111 ° 49 ' 23.71 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: LOGAN MRDST 9, 10, 1
LOCATION: 1550 North 400 East, NORTH LOGAN, UT
41 ° 45 ' 36.69 " N LAT. 111 ° 49 ' 23.94 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: VALLEY VIEW 1, 5, 7
LOCATION: 2245 East 3900 South, SALT LAKE CITY, UT
40 ° 41 ' 14.24 " N LAT. 111 ° 49 ' 34.18 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SMITHFIELD 14, 23, 2
LOCATION: 451 South 250 East, SMITHFIELD, UT
41 ° 49 ' 37.13 " N LAT. 111 ° 49 ' 36.15 " W LONG.

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

SITE ID: WILLOW CREEK 4, 9 &
 LOCATION: 2350 East Creek Road, SANDY, UT
 40 ° 36 ' 6.66 " N LAT. 111 ° 49 ' 22.59 " W LONG.

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

SITE ID: PROVIDENCE 9 &
 LOCATION: 180 South 485 West, PROVIDENCE, UT
 41 ° 42 ' 19.91 " N LAT. 111 ° 49 ' 40.97 " W LONG.

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

SITE ID: HOLLADAY 3, HOLLADAY
 LOCATION: 4568 South Holladay Boulevard, HOLLADAY, UT
 40 ° 40 ' 19.70 " N LAT. 111 ° 49 ' 42.77 " W LONG.

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

SITE ID: NEPHI 3, 9, 10 &
 LOCATION: 1125 North 400 East, NEPHI, UT
 39 ° 43 ' 29.40 " N LAT. 111 ° 49 ' 43.85 " W LONG.

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

SITE ID: CEDAR HOLLOW 2, 3, 7
 LOCATION: 2178 North 1200 East, LEHI, UT
 40 ° 24 ' 53.74 " N LAT. 111 ° 49 ' 46.43 " W LONG.

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

SITE ID: COTTONWOOD HEIGHTS 2
 LOCATION: 6890 South Whitmore Way, SALT LAKE CITY, UT
 40 ° 37 ' 32.81 " N LAT. 111 ° 49 ' 38.29 " W LONG.

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

SITE ID: FALCON HILL, HIGHLAN
LOCATION: 2130 East 10000 South, SANDY, UT
40 ° 34 ' 9.60 " N LAT. 111 ° 49 ' 48.27 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HOLLADAY 24, VALLEY
LOCATION: 4395 South Albright Drive (2145 E), HOLLADAY, UT
40 ° 40 ' 33.12 " N LAT. 111 ° 49 ' 50.89 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SMITHFIELD 7, 11, 27
LOCATION: 79 East 200 South, SMITHFIELD, UT
41 ° 49 ' 59.31 " N LAT. 111 ° 49 ' 51.83 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HYRUM 4, 5, 7 &
LOCATION: 245 Apple Dr, HYRUM, UT
41 ° 38 ' 15.22 " N LAT. 111 ° 50 ' 5.80 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: EMIGRATION SA, TWENT
LOCATION: 1928 East South Campus Drive, SALT LAKE CITY, UT
40 ° 45 ' 41.17 " N LAT. 111 ° 50 ' 9.76 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: LEHI 4, 14, 46 &
LOCATION: 851 North 1200 East, LEHI, UT
40 ° 23 ' 53.59 " N LAT. 111 ° 49 ' 49.59 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PARLEYS 4, SA &
LOCATION: 1870 Parleys Canyon Blvd, SALT LAKE CITY, UT
40 ° 43 ' 13.57 " N LAT. 111 ° 50 ' 14.57 " W LONG.

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

SITE ID: LOGAN 14, LOGAN RIVE
 LOCATION: 94 West 600 South, LOGAN, UT
 41 ° 43 ' 13.59 " N LAT. 111 ° 50 ' 16.28 " W LONG.

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

SITE ID: LOGAN 15, 16
 LOCATION: 125 West 600 North, LOGAN, UT
 41 ° 44 ' 34.94 " N LAT. 111 ° 50 ' 16.53 " W LONG.

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

SITE ID: NEPHI 6, 7 &
 LOCATION: 351 North 100 West, NEPHI, UT
 39 ° 42 ' 49.32 " N LAT. 111 ° 50 ' 18.05 " W LONG.

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

SITE ID: SMITHFIELD 8, 12, 19
 LOCATION: 155 West 400 North, SMITHFIELD, UT
 41 ° 50 ' 43.04 " N LAT. 111 ° 50 ' 13.37 " W LONG.

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

SITE ID: SALT LAKE CITY UT UN
 LOCATION: 1780 East South Campus Drive, SALT LAKE CITY, UT
 40 ° 45 ' 35.33 " N LAT. 111 ° 50 ' 20.31 " W LONG.

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

SITE ID: LEHI 23, 33, 48 &
 LOCATION: 650 East 3200 North, LEHI, UT
 40 ° 25 ' 39.80 " N LAT. 111 ° 50 ' 21.42 " W LONG.

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

SITE ID: FLAT IRON YSA, HIGH
LOCATION: 1850 East 8600 South, SANDY, UT
40 ° 35 ' 40.32 " N LAT. 111 ° 50 ' 21.94 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SOUTH MOUNTAIN 4, 6,
LOCATION: 1911 E Gray Fox Dr, DRAPER, UT
40 ° 29 ' 41.71 " N LAT. 111 ° 50 ' 22.04 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: COTTONWOOD 11, 13, S
LOCATION: 1830 East 6400 South, SALT LAKE CITY, UT
40 ° 38 ' 3.85 " N LAT. 111 ° 50 ' 22.58 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GRANDVIEW 3, KENWOOD
LOCATION: 1765 E 3080 S, SALT LAKE CITY, UT
40 ° 42 ' 12.68 " N LAT. 111 ° 50 ' 27.37 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BUTLER 11, 27, 33 &
LOCATION: 1845 East 7200 South, SALT LAKE CITY, UT
40 ° 37 ' 15.13 " N LAT. 111 ° 50 ' 20.94 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: COTTONWOOD 12, 16 &
LOCATION: 1750 East Spring Lane, SALT LAKE CITY, UT
40 ° 39 ' 20.92 " N LAT. 111 ° 50 ' 30.25 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BRIDGERLAND PARK 2,
LOCATION: 280 West 1200 North, LOGAN, UT
41 ° 45 ' 12.87 " N LAT. 111 ° 50 ' 28.30 " W LONG.

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

Points of Communication:

AMERICAN FORK 3, 27, - PERMITTED LIST - ()

NORTH LOGAN 3, 7, 13 - PERMITTED LIST - ()

NORTH LOGAN 3, 7, 13 - PERMITTED LIST - ()

SES-REG-20181004-04838 E E191209 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1 Plattsmouth
LOCATION: 2128 Lincoln Avenue, Plattsmouth, NE
40 ° 59 ' 30.73 " N LAT. 95 ° 53 ' 43.11 " W LONG.

ANTENNA ID: 1 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2 Omaha NE (UNO)
LOCATION: 6714 Dodge Street, Omaha, NE
45 ° 15 ' 37.48 " N LAT. 96 ° 1 ' 1.26 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3 CottonwoodPapilion
LOCATION: 12009 South 84th Street, Papillion, NE
41 ° 7 ' 44.43 " N LAT. 96 ° 2 ' 32.22 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4 Eagle Run Lakeview
LOCATION: 14680 California Street, Omaha, NE
41 ° 15 ' 55.41 " N LAT. 96 ° 8 ' 33.21 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5 Blair
LOCATION: 2703 Sunrise Drive, Blair, NE
41 ° 33 ' 20.12 " N LAT. 96 ° 9 ' 13.78 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6 Fremont
LOCATION: 1160 North Garden City Road, FREMONT, NE
41 ° 26 ' 23.66 " N LAT. 96 ° 27 ' 57.07 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7 Bellevue
LOCATION: 2210 Harlan Drive, Bellevue, NE
41 ° 8 ' 25.85 " N LAT. 95 ° 55 ' 6.22 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8 Holmes LakePioneer
LOCATION: 3100 Old Cheney Road, Lincoln, NE
40 ° 45 ' 20.84 " N LAT. 96 ° 40 ' 32.16 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9 Lincoln University
LOCATION: 1030 Q Street, Lincoln, NE
40 ° 48 ' 57.87 " N LAT. 96 ° 42 ' 22.44 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10 Beatrice
LOCATION: 320 North 26th Street, Beatrice, NE
40 ° 16 ' 10.45 " N LAT. 96 ° 43 ' 4.35 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11 Seward
LOCATION: 1055 East Seward Road, Seward, NE
40 ° 54 ' 16.07 " N LAT. 97 ° 4 ' 50.95 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12 Norfolk
LOCATION: 100 El Camino Drive, Norfolk, NE
42 ° 2 ' 13.94 " N LAT. 97 ° 22 ' 38.76 " W LONG.

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

SITE ID: 13 Capital, Mahoney
LOCATION: 640 North 56th Street, Lincoln, NE
40 ° 49 ' 8.97 " N LAT. 96 ° 38 ' 37.41 " W LONG.

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

SITE ID: 14 Grand Island
LOCATION: 212 West 22nd Street, Grand Island, NE
40 ° 56 ' 35.91 " N LAT. 98 ° 21 ' 16.88 " W LONG.

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

SITE ID: 15 Hastings
LOCATION: 1725 Crane Avenue, Hastings, NE
40 ° 36 ' 14.43 " N LAT. 98 ° 24 ' 42.08 " W LONG.

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

SITE ID: 16 Kearney YSA
LOCATION: 517 East 46th Street Pl, Kearney, NE
40 ° 43 ' 10.36 " N LAT. 99 ° 4 ' 26.37 " W LONG.

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

SITE ID: 17 Broken Bow
LOCATION: 1108 South 1st Avenue, Broken Bow, NE
41 ° 23 ' 44.97 " N LAT. 99 ° 37 ' 50.10 " W LONG.

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

SITE ID: 18 Nebraska City
LOCATION: 920 Centennial Avenue, Nebraska City, NE
40 ° 41 ' 9.04 " N LAT. 95 ° 53 ' 0.75 " W LONG.

ANTENNA ID:	18	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	19 Columbus			
LOCATION:	4400 33rd Street, Columbus, NE			
	41 ° 26 ' 53.22 " N LAT.		97 ° 22 ' 54.07 " W LONG.	
ANTENNA ID:	19	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	20 Hunter LakeRiverB			
LOCATION:	1095 Golconda Drive, Reno, NV			
	39 ° 30 ' 10.84 " N LAT.		119 ° 49 ' 32.27 " W LONG.	
ANTENNA ID:	20	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	21 ClearCreekLone Mo			
LOCATION:	1331 McKay Drive, Carson City, NV			
	39 ° 9 ' 27.81 " N LAT.		119 ° 46 ' 49.92 " W LONG.	
ANTENNA ID:	21	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	22 ElRanchoRoyal Hts			
LOCATION:	2955 North Rock Boulevard, Sparks, NV			
	39 ° 33 ' 24.37 " N LAT.		119 ° 45 ' 47.41 " W LONG.	
ANTENNA ID:	22	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	23 Carson RiverHotSp			
LOCATION:	411 N. Saliman Rd, Carson City, NV			
	39 ° 9 ' 58.23 " N LAT.		119 ° 45 ' 1.50 " W LONG.	
ANTENNA ID:	23	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	24 Fernley			
LOCATION:	155 Hwy 95A, Fernley, NV			
	39 ° 36 ' 23.42 " N LAT.		119 ° 15 ' 2.57 " W LONG.	
ANTENNA ID:	24	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: 25 KeystoneSiennaVis
LOCATION: 2505 Kings Row, Reno, NV
39 ° 32 ' 15.35 " N LAT. 110 ° 50 ' 51.25 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26 Yerington
LOCATION: 600 North Oregon St., Yerington, NV
38 ° 59 ' 41.48 " N LAT. 119 ° 9 ' 29.21 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27 Fallon
LOCATION: 450 N. Taylor St., Fallon, NV
39 ° 28 ' 53.21 " N LAT. 118 ° 46 ' 51.96 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28 Hawthorne
LOCATION: 207 South A St., Hawthorne, NV
38 ° 30 ' 55.67 " N LAT. 118 ° 37 ' 43.49 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29 LoveLock
LOCATION: 220 Maple Dr., LoveLock, NV
40 ° 10 ' 14.98 " N LAT. 118 ° 29 ' 5.16 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30 Gabbs
LOCATION: 515 Brucite St., Gabbs, NV
38 ° 51 ' 44.08 " N LAT. 117 ° 55 ' 49.32 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31 Silver Springs
LOCATION: 5470 Elm St., Silver Springs, NV
39 ° 22 ' 7.04 " N LAT. 119 ° 13 ' 50.63 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32 Winnemucca
LOCATION: 111 West McArthur Avenue, Winnemucca, NV
40 ° 57 ' 53.79 " N LAT. 117 ° 43 ' 14.91 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33 Antelope Valley
LOCATION: PO Box 180, Antelope Valley, NV
39 ° 57 ' 41.19 " N LAT. 117 ° 25 ' 31.10 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34 Tonopah
LOCATION: Tonopah, NV
38 ° 5 ' 3.84 " N LAT. 117 ° 41 ' 39.37 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35 Smoky Valley
LOCATION: 7 Jefferson Rd. Hwy. 376, Round Mountain, NV
38 ° 46 ' 45.75 " N LAT. 117 ° 10 ' 9.71 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36 Austin
LOCATION: 50 S. 2nd St., Austin, NV
39 ° 29 ' 22.65 " N LAT. 117 ° 4 ' 5.67 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37 Orovada
LOCATION: 24010 North US Hwy 95, Orovada, NV
41 ° 33 ' 20.02 " N LAT. 117 ° 47 ' 13.15 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38 Beatty
LOCATION: 801 N. C Ave., Beatty, NV
36 ° 54 ' 38.53 " N LAT. 116 ° 45 ' 59.70 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39 Owyhee
LOCATION: 806 Main St., Owyhee, NV
41 ° 57 ' 3.42 " N LAT. 116 ° 5 ' 57.40 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40 Eureka
LOCATION: 511 9th St., Eureka, NV
39 ° 40 ' 46.26 " N LAT. 116 ° 2 ' 17.23 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41 Elko
LOCATION: 3001 North 5th Street, Elko, NV
40 ° 50 ' 56.31 " N LAT. 115 ° 47 ' 15.78 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 42 ElkoYSAMeadowVal
LOCATION: 1651 College Parkway, Elko, NV
40 ° 50 ' 32.01 " N LAT. 115 ° 46 ' 12.70 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 43 Battle Mountain
LOCATION: 765 West Humboldt Street, Battle Mountain, NV
40 ° 38 ' 26.12 " N LAT. 116 ° 56 ' 44.69 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44 Sandy Valley
LOCATION: 2700 Jade Avenue, Sandy Valley, NV
35 ° 48 ' 8.91 " N LAT. 115 ° 35 ' 21.22 " W LONG.

Points of Communication:

- 16 Kearney YSA - PERMITTED LIST - ()
- 1 Plattsmouth - PERMITTED LIST - ()
- 10 Beatrice - PERMITTED LIST - ()
- 11 Seward - PERMITTED LIST - ()
- 12 Norfolk - PERMITTED LIST - ()
- 13 Capital, Mahoney - PERMITTED LIST - ()
- 14 Grand Island - PERMITTED LIST - ()
- 15 Hastings - PERMITTED LIST - ()
- 17 Broken Bow - PERMITTED LIST - ()
- 18 Nebraska City - PERMITTED LIST - ()
- 19 Columbus - PERMITTED LIST - ()
- 2 Omaha NE (UNO) - PERMITTED LIST - ()
- 20 Hunter LakeRiverB - PERMITTED LIST - ()
- 21 ClearCreekLone Mo - PERMITTED LIST - ()
- 22 ElRanchoRoyal Hts - PERMITTED LIST - ()
- 23 Carson RiverHotSp - PERMITTED LIST - ()
- 24 Fernley - PERMITTED LIST - ()
- 25 KeystoneSiennaVis - PERMITTED LIST - ()
- 26 Yerington - PERMITTED LIST - ()
- 27 Fallon - PERMITTED LIST - ()
- 28 Hawthorne - PERMITTED LIST - ()
- 29 LoveLock - PERMITTED LIST - ()
- 3 CottonwoodPapilion - PERMITTED LIST - ()
- 30 Gabbs - PERMITTED LIST - ()
- 31 Silver Springs - PERMITTED LIST - ()
- 32 Winnemucca - PERMITTED LIST - ()
- 33 Antelope Valley - PERMITTED LIST - ()
- 34 Tonopah - PERMITTED LIST - ()

- 35 Smoky Valley - PERMITTED LIST - ()
- 36 Austin - PERMITTED LIST - ()
- 37 Orovada - PERMITTED LIST - ()
- 38 Beatty - PERMITTED LIST - ()
- 39 Owyhee - PERMITTED LIST - ()
- 4 Eagle Run Lakeview - PERMITTED LIST - ()
- 40 Eureka - PERMITTED LIST - ()
- 41 Elko - PERMITTED LIST - ()
- 42 ElkoYSAMeadowVal - PERMITTED LIST - ()
- 43 Battle Mountain - PERMITTED LIST - ()
- 44 Sandy Valley - PERMITTED LIST - ()
- 45 PaloVerdeSummerli - PERMITTED LIST - ()
- 46 EganCrestProviden - PERMITTED LIST - ()
- 47 CedarSpringsElkho - PERMITTED LIST - ()
- 48 Ruby Valley - PERMITTED LIST - ()
- 49 Indian Springs - PERMITTED LIST - ()
- 5 Blair - PERMITTED LIST - ()
- 50 SierraVistaSouthe - PERMITTED LIST - ()
- 6 Fremont - PERMITTED LIST - ()
- 7 Bellevue - PERMITTED LIST - ()
- 8 Holmes LakePioneer - PERMITTED LIST - ()
- 9 Lincoln University - PERMITTED LIST - ()

SES-REG-20181006-05144 E E191525 Standard Tobacco Company, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Bracken Head End

LOCATION: 4707 Parina Road, Bracken, Brooksville, KY

38 ° 39 ' 57.08 " N LAT.

84 ° 2 ' 45.73 " W LONG.

ANTENNA ID: BrackenCo1 3.1 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 36M0G7D

Points of Communication:

Bracken Head End - SES-3 (S2892) - (103 W.L.)

SES-REG-20181008-06790 E E201986 TDS BROADBAND SERVICE LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WDPKCOAQ

LOCATION: 400 N State HWY 67, Woodland Park, CO

38 ° 59 ' 47.99 " N LAT.

105 ° 3 ' 46.84 " W LONG.

ANTENNA ID: 1 4.5 meters unknown unknown

3700.0000 - 4200.0000 MHz

Points of Communication:

WDPKCOAQ - PERMITTED LIST - ()

SES-REG-20181008-06791 E E201987 TDS BROADBAND SERVICE LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: FTCCRCCM

LOCATION: Titus Blvd - Signal Hill; Ft Carson Army, Colorado Springs, CO

38 ° 43 ' 37.44 " N LAT.

104 ° 46 ' 45.63 " W LONG.

ANTENNA ID: 1 4.5 meters unknown unknown

3700.0000 - 4200.0000 MHz

0.00 dBW

Points of Communication:

FTCCRCCM - PERMITTED LIST - ()

SES-REG-20181008-06792 E E201984 TDS BROADBAND SERVICE LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: ESPKCOBN

LOCATION: 405 Stanley Ave, Estes Park, CO

40 ° 22 ' 19.62 " N LAT.

105 ° 30 ' 35.04 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz

0.00 dBW

Points of Communication:

ESPKCOBN - PERMITTED LIST - ()

SES-REG-20181008-06793 E E201988 TDS BROADBAND SERVICE LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: FTCCOMH

LOCATION: 1015 N US Highway 287, Fort Collins, CO

40 ° 37 ' 25.48 " N LAT.

105 ° 5 ' 37.01 " W LONG.

ANTENNA ID: 1 4.5 meters unknown unknown

3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

FTCCOMH - PERMITTED LIST - ()

SES-REG-20181008-06794 E E201982 TDS BROADBAND SERVICE LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SCRRNMCV

LOCATION: Fire Acedemy Rd, Socorro, NM

34 ° 3 ' 24.16 " N LAT.

106 ° 54 ' 47.06 " W LONG.

ANTENNA ID: 17 3.7 meters Prodelin 1374

ANTENNA ID: 18 3.8 meters Patriot PRT-380

ANTENNA ID: 19 3.8 meters Comtech ant3.8

ANTENNA ID: 20 3 meters Prodelin 1304

ANTENNA ID: 21 2.8 meters Scientific Atlanta 9000

ANTENNA ID: 22 3.2 meters Scientific Atlanta ant3.2

ANTENNA ID: 23 4.5 meters Prodelin 1451

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

SCRRNMCV - PERMITTED LIST - ()

SES-REG-20181008-06795 E E201985 TDS BROADBAND SERVICE LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: STGRUTFK

LOCATION: 1223 W 1250 N, St. George, UT

37 ° 7 ' 45.65 " N LAT.

113 ° 36 ' 35.46 " W LONG.

ANTENNA ID: 1 4.5 meters unknown unknown

3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

STGRUTFK - PERMITTED LIST - ()

SES-REG-20181008-06796 E E201983 TDS BROADBAND SERVICE LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: HBBSNMEV

LOCATION: Lea Cnty Parcel 9833; 2800 E Marland St, Hobbs, NM

32 ° 42 ' 0.65 " N LAT.

103 ° 6 ' 22.50 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

HBBSNMEV - PERMITTED LIST - ()

SES-REG-20181009-04187 E E190504 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: BARABOO

LOCATION: 813 Iroquois Circle, BARABOO, WI

43 ° 28 ' 58.45 " N LAT.

89 ° 45 ' 23.23 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MONROE

LOCATION: 714 24th Street, MONROE, WI

42 ° 35 ' 20.35 " N LAT.

89 ° 39 ' 2.54 " W LONG.

ANTENNA ID:	2	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	MADISON 3, 4, VERONA			
LOCATION:	701 Bear Claw Way, MADISON, WI			
	43 ° 4 ' 30.34 " N LAT.			89 ° 32 ' 51.64 " W LONG.
ANTENNA ID:	3	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	MADISON 1			
LOCATION:	4505 Regent Street, MADISON, WI			
	43 ° 4 ' 6.76 " N LAT.			89 ° 27 ' 13.97 " W LONG.
ANTENNA ID:	4	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ADAMS-FRIENDSHIP			
LOCATION:	406 East Lake Street, FRIENDSHIP, WI			
	43 ° 58 ' 27.79 " N LAT.			89 ° 48 ' 35.43 " W LONG.
ANTENNA ID:	5	3.4 meters	General Dynamics	Satcom 1334
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	WI MADISON -BLDG-171			
LOCATION:	1711 University Avenue, MADISON, WI			
	43 ° 4 ' 23.47 " N LAT.			89 ° 24 ' 56.64 " W LONG.
ANTENNA ID:	6	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	STOUGHTON			
LOCATION:	825 South Van Buren Street, STOUGHTON, WI			
	42 ° 54 ' 42.84 " N LAT.			89 ° 13 ' 47.60 " W LONG.
ANTENNA ID:	7	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SUN PRAIRIE			
LOCATION:	6651 Prairie View Drive, SUN PRAIRIE, WI			
	43 ° 12 ' 45.29 " N LAT.			89 ° 12 ' 40.94 " W LONG.
ANTENNA ID:	8	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: ANTIGO
 LOCATION: 717 Sunset Drive, ANTIGO, WI
 45 ° 8 ' 32.08 " N LAT. 89 ° 10 ' 17.13 " W LONG.

ANTENNA ID: 9 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: JANESVILLE
 LOCATION: 3001 North Wright Road, JANESVILLE, WI
 42 ° 43 ' 10.00 " N LAT. 88 ° 58 ' 22.42 " W LONG.

ANTENNA ID: 10 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BEAVER DAM
 LOCATION: 705 East Burnett Street, BEAVER DAM, WI
 43 ° 27 ' 56.45 " N LAT. 88 ° 48 ' 33.32 " W LONG.

ANTENNA ID: 11 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: RHINELANDER
 LOCATION: 780 Iverson Street, RHINELANDER, WI
 45 ° 38 ' 47.91 " N LAT. 89 ° 23 ' 50.50 " W LONG.

ANTENNA ID: 12 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ELKHORN
 LOCATION: W4615 Potter Road, ELKHORN, WI
 42 ° 42 ' 21.09 " N LAT. 88 ° 31 ' 43.86 " W LONG.

ANTENNA ID: 13 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: NEENAH, WINNEBAGO YS
 LOCATION: 115 Castle Oak Drive, NEENAH, WI
 44 ° 8 ' 59.50 " N LAT. 88 ° 27 ' 55.21 " W LONG.

ANTENNA ID: 14 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: APPLETON 1, 2
 LOCATION: 425 W Park Ridge Avenue, APPLETON, WI
 44 ° 17 ' 33.03 " N LAT. 88 ° 24 ' 39.83 " W LONG.

SITE ID: MUSKEGO LAKES, OAK C
LOCATION: 9600 West Grange Avenue, HALES CORNERS, WI
42 ° 56 ' 42.42 " N LAT. 88 ° 2 ' 1.51 " W LONG.

ANTENNA ID: 22 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MILWAUKEE 2 (SP)
LOCATION: 4422 West Leon Terrace, MILWAUKEE, WI
43 ° 5 ' 9.13 " N LAT. 87 ° 58 ' 7.82 " W LONG.

ANTENNA ID: 23 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ONEIDA
LOCATION: N6135 Seminary Road, DE PERE, WI
44 ° 27 ' 36.00 " N LAT. 88 ° 12 ' 52.56 " W LONG.

ANTENNA ID: 24 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MANITOWOC
LOCATION: 4105 Michigan Avenue, MANITOWOC, WI
44 ° 6 ' 20.25 " N LAT. 87 ° 41 ' 58.95 " W LONG.

ANTENNA ID: 25 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GREEN BAY 1, 2, 3 (S)
LOCATION: 651 Pinehurst Avenue, GREEN BAY, WI
44 ° 29 ' 19.89 " N LAT. 87 ° 57 ' 42.51 " W LONG.

ANTENNA ID: 26 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WISCONSIN RAPIDS
LOCATION: 2640 14th Street South, WISCONSIN RAPIDS, WI
44 ° 22 ' 14.73 " N LAT. 89 ° 48 ' 36.10 " W LONG.

ANTENNA ID: 27 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: THAYNE 1, 2 &
LOCATION: 276 Dana St, THAYNE, WY
42 ° 55 ' 3.95 " N LAT. 110 ° 59 ' 57.55 " W LONG.

ANTENNA ID:	28	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	BEAR RIVER (SP), EVA			
LOCATION:	632 Twin Ridge Avenue, EVANSTON, WY			
	41 ° 15 ' 6.30 " N LAT.			110 ° 58 ' 28.12 " W LONG.
ANTENNA ID:	29	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SHEBOYGAN			
LOCATION:	3920 Saemann Avenue, SHEBOYGAN, WI			
	43 ° 45 ' 53.84 " N LAT.			87 ° 45 ' 33.38 " W LONG.
ANTENNA ID:	30	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	COKEVILLE 1, 2			
LOCATION:	725 E MAIN, COKEVILLE, WY			
	42 ° 5 ' 6.30 " N LAT.			110 ° 57 ' 3.55 " W LONG.
ANTENNA ID:	31	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	AFTON 1, 2, STAR VAL			
LOCATION:	347 Jefferson St, AFTON, WY			
	42 ° 43 ' 34.52 " N LAT.			110 ° 55 ' 37.74 " W LONG.
ANTENNA ID:	32	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	KEMMERER 2, 3 &			
LOCATION:	1584 3rd W Ave, DIAMONDVILLE, WY			
	41 ° 47 ' 9.11 " N LAT.			110 ° 32 ' 33.08 " W LONG.
ANTENNA ID:	33	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	FORT BRIDGER, LYMAN			
LOCATION:	3815 North Hwy 414, LYMAN, WY			
	41 ° 19 ' 17.98 " N LAT.			110 ° 20 ' 12.21 " W LONG.
ANTENNA ID:	34	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: LA BARGE
 LOCATION: 304 W WY Hwy 235, LA BARGE, WY
 42 ° 15 ' 21.72 " N LAT. 110 ° 11 ' 47.72 " W LONG.

ANTENNA ID: 35 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: EVANSTON 3, 6, YSA &
 LOCATION: 1224 Morse Lee Street, EVANSTON, WY
 41 ° 15 ' 58.46 " N LAT. 110 ° 58 ' 20.66 " W LONG.

ANTENNA ID: 36 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: FREMONT PEAK, TEMPLE
 LOCATION: 221 EAST NORTH STREET, PINEDALE, WY
 42 ° 52 ' 8.91 " N LAT. 109 ° 51 ' 28.61 " W LONG.

ANTENNA ID: 37 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DUBOIS
 LOCATION: 401 Miller Ln, DUBOIS, WY
 43 ° 31 ' 58.77 " N LAT. 109 ° 38 ' 15.05 " W LONG.

ANTENNA ID: 38 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GREEN RIVER 4, 6 &
 LOCATION: 120 Shoshone Avenue, GREEN RIVER, WY
 41 ° 30 ' 26.46 " N LAT. 109 ° 28 ' 11.94 " W LONG.

ANTENNA ID: 39 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DESERT VIEW, PILOT B
 LOCATION: 2055 Edgar Street, ROCK SPRINGS, WY
 41 ° 35 ' 19.74 " N LAT. 109 ° 11 ' 58.00 " W LONG.

ANTENNA ID: 40 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: CODY 2, 3 &
 LOCATION: 1407 13th St, CODY, WY
 44 ° 31 ' 19.30 " N LAT. 109 ° 3 ' 40.99 " W LONG.

ANTENNA ID:	41	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	BIG PINEY			
LOCATION:	2250 Piney Dr, BIG PINEY, WY			
	42 ° 32 ' 39.31 " N LAT.			110 ° 8 ' 40.55 " W LONG.
ANTENNA ID:	42	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	WIND RIVER			
LOCATION:	12712 Highway 287, FT WASHAKIE, WY			
	42 ° 58 ' 4.82 " N LAT.			108 ° 51 ' 12.53 " W LONG.
ANTENNA ID:	43	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	HEART MOUNTAIN YSA,			
LOCATION:	525 West 7th Street, POWELL, WY			
	44 ° 45 ' 40.09 " N LAT.			108 ° 45 ' 58.63 " W LONG.
ANTENNA ID:	44	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	POWELL WY (NWC) INST			
LOCATION:	730 North Division Street, POWELL, WY			
	44 ° 45 ' 42.10 " N LAT.			108 ° 45 ' 55.03 " W LONG.
ANTENNA ID:	45	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	POPO AGIE, SINKS CAN			
LOCATION:	653 Cascade Street, LANDER, WY			
	42 ° 49 ' 41.69 " N LAT.			108 ° 44 ' 23.31 " W LONG.
ANTENNA ID:	46	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	PAVILLION			
LOCATION:	534 Highway 133, PAVILLION, WY			
	43 ° 13 ' 30.80 " N LAT.			108 ° 41 ' 45.46 " W LONG.
ANTENNA ID:	47	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL

SITE ID: MEETEETSE
LOCATION: 1716 Hays Avenue, MEETEETSE, WY
44 ° 9 ' 5.48 " N LAT. 108 ° 52 ' 26.00 " W LONG.

ANTENNA ID: 48 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ASPEN PARK, MOUNTAIN
LOCATION: 430 Elizabeth Drive, RIVERTON, WY
43 ° 1 ' 45.26 " N LAT. 108 ° 23 ' 41.25 " W LONG.

ANTENNA ID: 49 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: BURLINGTON 1, 2, OTT
LOCATION: 114 Cedar Ave, BURLINGTON, WY
44 ° 26 ' 43.19 " N LAT. 108 ° 25 ' 47.40 " W LONG.

ANTENNA ID: 50 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

- ADAMS-FRIENDSHIP - PERMITTED LIST - ()
- AFTON 1, 2, STAR VAL - PERMITTED LIST - ()
- APPLETON 1, 2 - PERMITTED LIST - ()
- ASPEN PARK, MOUNTAIN - PERMITTED LIST - ()
- BARABOO - PERMITTED LIST - ()
- BEAR RIVER (SP), EVA - PERMITTED LIST - ()
- BEAVER DAM - PERMITTED LIST - ()
- BIG PINEY - PERMITTED LIST - ()
- BROOKFIELD, MILWAUKE - PERMITTED LIST - ()
- BURLINGTON 1, 2, OTT - PERMITTED LIST - ()
- CODY 2, 3 & - PERMITTED LIST - ()
- COKEVILLE 1, 2 - PERMITTED LIST - ()
- DESERT VIEW, PILOT B - PERMITTED LIST - ()
- DUBOIS - PERMITTED LIST - ()
- ELKHORN - PERMITTED LIST - ()

EVANSTON 3, 6, YSA & - PERMITTED LIST - ()

FOND DU LAC - PERMITTED LIST - ()

FORT BRIDGER, LYMAN - PERMITTED LIST - ()

FREMONT PEAK, TEMPLE - PERMITTED LIST - ()

GREEN BAY 1, 2, 3 (S - PERMITTED LIST - ()

GREEN RIVER 4, 6 & - PERMITTED LIST - ()

GRESHAM - PERMITTED LIST - ()

HEART MOUNTAIN YSA, - PERMITTED LIST - ()

JANESVILLE - PERMITTED LIST - ()

KEMMERER 2, 3 & - PERMITTED LIST - ()

KETTLE MORaine, WAUK - PERMITTED LIST - ()

LA BARGE - PERMITTED LIST - ()

LAKE MICHIGAN, PARKW - PERMITTED LIST - ()

MADISON 1 - PERMITTED LIST - ()

MADISON 3, 4, VERONA - PERMITTED LIST - ()

MANITOWOC - PERMITTED LIST - ()

MEETEETSE - PERMITTED LIST - ()

MILWAUKEE 2 (SP) - PERMITTED LIST - ()

MONROE - PERMITTED LIST - ()

MUSKEGO LAKES, OAK C - PERMITTED LIST - ()

NEENAH, WINNEBAGO YS - PERMITTED LIST - ()

ONEIDA - PERMITTED LIST - ()

PAVILLION - PERMITTED LIST - ()

POPO AGIE, SINKS CAN - PERMITTED LIST - ()

POWELL WY (NWC) INST - PERMITTED LIST - ()

RHINELANDER - PERMITTED LIST - ()

SHEBOYGAN - PERMITTED LIST - ()

STOUGHTON - PERMITTED LIST - ()

SUN PRAIRIE - PERMITTED LIST - ()

THAYNE 1, 2 & - PERMITTED LIST - ()

WEST BEND - PERMITTED LIST - ()

WI MADISON -BLDG-171 - PERMITTED LIST - ()

WIND RIVER - PERMITTED LIST - ()

WISCONSIN RAPIDS - PERMITTED LIST - ()

SES-REG-20181009-04993 E E191369 Bellaire Television Cable Co. Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: AntennaSite

LOCATION: 65261 Patterson Hill Rd, Belmont, Bellaire, OH
40 ° 1 ' 34.80 " N LAT.

80 ° 46 ' 49.40 " W LONG.

ANTENNA ID: 5.0M 5 meters AFC 5.0

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

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

Points of Communication:

AntennaSite - PERMITTED LIST - ()

SES-REG-20181009-05135 E E191515 Christopher M O Hearn

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 201 STATE ST, La Crosse, LA CROSSE, WI
43 ° 48 ' 52.10 " N LAT.

91 ° 15 ' 10.31 " W LONG.

ANTENNA ID: 1 3.7 meters DH Satellite 37DH1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 2 3 meters Channel Master 6363M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05149 E E191530 6 Johnson Road Licenses, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Latham NY
LOCATION: 6 Johnson Rd, Albany, Latham, NY
42 ° 45 ' 42.24 " N LAT. 73 ° 44 ' 57.30 " W LONG.

ANTENNA ID: 1 2.8 meters Comtech 2.8meter

3700.0000 - 4200.0000 MHz

Points of Communication:

Latham NY - PERMITTED LIST - ()

SES-REG-20181010-05166 E E191547 6 Johnson Road Licenses, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Glens Falls
LOCATION: 89 Everts Ave, Warren, Queensbury, NY
43 ° 19 ' 46.08 " N LAT. 73 ° 38 ' 51.38 " W LONG.

ANTENNA ID: 1 2.8 meters Comtech 2.8meter

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Glens Falls - PERMITTED LIST - ()

SES-REG-20181010-05448 E E200153 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: LA CROSSE
LOCATION: 701 Well Street, ONALASKA, WI
43 ° 53 ' 19.06 " N LAT. 91 ° 13 ' 44.78 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

SITE ID: HAYWARD
LOCATION: 15741 Guard Street, HAYWARD, WI
46 ° 1 ' 22.03 " N LAT. 91 ° 28 ' 52.64 " W LONG.

ANTENNA ID: STANDARD 3.4 meters GENERAL DYNAMICS Satcom 1344

SITE ID: EAU CLAIRE
LOCATION: 3335 Stein Boulevard, EAU CLAIRE, WI
44 ° 47 ' 5.03 " N LAT. 91 ° 30 ' 29.83 " W LONG.

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

SITE ID: ROMNEY
 LOCATION: 22235 Northwestern Pike, ROMNEY, WV
 39 ° 19 ' 42.30 " N LAT. 78 ° 42 ' 12.32 " W LONG.

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

SITE ID: MENOMONIE
 LOCATION: 2721 5th Street East, MENOMONIE, WI
 44 ° 51 ' 28.38 " N LAT. 91 ° 55 ' 31.96 " W LONG.

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

SITE ID: FRANKLIN
 LOCATION: Intersect Rtes US 220 33, FRANKLIN, WV
 38 ° 39 ' 24.05 " N LAT. 79 ° 19 ' 51.96 " W LONG.

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

SITE ID: MASONTOWN
 LOCATION: 10230 Veterans Memorial Highway, MASONTOWN, WV
 39 ° 32 ' 43.76 " N LAT. 79 ° 48 ' 2.08 " W LONG.

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

SITE ID: ELKINS
 LOCATION: 4957 Beverly Pike, Beverly, WV
 38 ° 51 ' 22.39 " N LAT. 79 ° 51 ' 48.85 " W LONG.

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

SITE ID: CHEAT RIVER, MORGANT
 LOCATION: 161 Meadow View Lane, MORGANTOWN, WV
 39 ° 39 ' 5.26 " N LAT. 79 ° 52 ' 5.60 " W LONG.

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

SITE ID: PHILIPPI
 LOCATION: 4814 Nestorville Rd, PHILIPPI, WV
 39 ° 10 ' 3.61 " N LAT. 79 ° 56 ' 8.22 " W LONG.

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

SITE ID: PETERSBURG
 LOCATION: 94 CTR Way, PETERSBURG, WV
 38 ° 59 ' 52.58 " N LAT. 79 ° 8 ' 3.81 " W LONG.

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

SITE ID: BUCKHANNON
 LOCATION: 179 South Kanawha Street, BUCKHANNON, WV
 38 ° 58 ' 56.07 " N LAT. 80 ° 13 ' 27.63 " W LONG.

SITE ID: WHITE SULPHUR SPRING
 LOCATION: State Road 92n, WHITE SULPHUR SPRING, WV
 37 ° 48 ' 14.48 " N LAT. 80 ° 17 ' 12.89 " W LONG.

SITE ID: MANNINGTON
 LOCATION: 2 Kimberly Heights, FARMINGTON, WV
 39 ° 30 ' 39.04 " N LAT. 80 ° 18 ' 18.45 " W LONG.

SITE ID: CLARKSBURG &
 LOCATION: 300 Arthur Ave, CLARKSBURG, WV
 39 ° 15 ' 59.93 " N LAT. 80 ° 20 ' 52.94 " W LONG.

SITE ID: FLATWOODS
 LOCATION: 23 Burns Drive, SUTTON, WV
 38 ° 41 ' 35.28 " N LAT. 80 ° 40 ' 14.77 " W LONG.

SITE ID: FAIRMONT
 LOCATION: 165 Meadowdale Road, FAIRMONT, WV
 39 ° 29 ' 51.95 " N LAT. 80 ° 5 ' 58.64 " W LONG.

SITE ID: NEW MARTINSVILLE
 LOCATION: 130 Paddock Green Drive, NEW MARTINSVILLE, WV
 39 ° 41 ' 1.81 " N LAT. 80 ° 51 ' 2.85 " W LONG.

SITE ID: BECKLEY
 LOCATION: 503 Overlook Drive, STANAFORD, WV
 37 ° 48 ' 42.61 " N LAT. 81 ° 8 ' 49.14 " W LONG.

SITE ID: SPENCER
 LOCATION: 141 Oak Drive Addition, SPENCER, WV
 38 ° 49 ' 17.78 " N LAT. 81 ° 22 ' 10.85 " W LONG.

SITE ID:	PARKERSBURG	
LOCATION:	2515 Capital Drive, PARKERSBURG, WV	
	39 ° 13 ' 48.33 " N LAT.	81 ° 32 ' 52.85 " W LONG.
SITE ID:	WELCH	
LOCATION:	US Hwy 52 Stadium Dr Jr Poca, WELCH, WV	
	37 ° 24 ' 57.10 " N LAT.	81 ° 35 ' 31.98 " W LONG.
SITE ID:	WHEELING	
LOCATION:	2897 Fairmont Pike Road, WHEELING, WV	
	39 ° 59 ' 41.04 " N LAT.	80 ° 40 ' 53.15 " W LONG.
SITE ID:	CHARLESTON 1	
LOCATION:	839 Chestnut Street, SOUTH, WV	
	38 ° 20 ' 51.62 " N LAT.	81 ° 43 ' 49.34 " W LONG.
SITE ID:	RAVENSWOOD	
LOCATION:	501 South Ritchie Avenue, RAVENSWOOD, WV	
	38 ° 57 ' 11.13 " N LAT.	81 ° 45 ' 36.39 " W LONG.
SITE ID:	LOGAN	
LOCATION:	Rte 10, PECKS MILL, WV	
	37 ° 55 ' 44.80 " N LAT.	81 ° 58 ' 55.39 " W LONG.
SITE ID:	HUNTINGTON 1, 2 &	
LOCATION:	5640 Shawnee Drive, HUNTINGTON, WV	
	38 ° 24 ' 15.85 " N LAT.	82 ° 20 ' 2.32 " W LONG.
SITE ID:	EAST VALLEY, GREENAC	
LOCATION:	21022 East Wellesley Ave, OTIS ORCHARDS, WA	
	47 ° 42 ' 0.35 " N LAT.	117 ° 7 ' 24.94 " W LONG.
SITE ID:	CHARLESTON 2 &	
LOCATION:	2007 McClure Parkway, CHARLESTON, WV	
	38 ° 28 ' 54.23 " N LAT.	81 ° 40 ' 13.11 " W LONG.
SITE ID:	BELLE TERRE, PAINTED	
LOCATION:	13608 East Belle Terre Ave, VERADALE, WA	
	47 ° 37 ' 12.51 " N LAT.	117 ° 13 ' 18.90 " W LONG.
SITE ID:	CLAYTON, DEER PARK,	
LOCATION:	34421 North Newport Highway, CHATTAROY, WA	
	47 ° 57 ' 59.44 " N LAT.	117 ° 20 ' 59.97 " W LONG.
SITE ID:	MANITO, SPOKANE 1, Y	
LOCATION:	1620 East 29th Avenue, SPOKANE, WA	
	43 ° 37 ' 40.15 " N LAT.	117 ° 23 ' 10.50 " W LONG.
SITE ID:	COLFAX	
LOCATION:	2652 Almota Road, COLFAX, WA	
	46 ° 50 ' 49.05 " N LAT.	117 ° 23 ' 53.22 " W LONG.

SITE ID: SUNNYSIDE, TERRE VIE
LOCATION: 1055 Northeast Orchard Drive, PULLMAN, WA
46 ° 44 ' 11.28 " N LAT. 117 ° 9 ' 28.29 " W LONG.

SITE ID: BRENTWOOD, COLBERT,
LOCATION: 401 West Regina Avenue, SPOKANE, WA
47 ° 45 ' 43.93 " N LAT. 117 ° 25 ' 1.83 " W LONG.

SITE ID: RIVER RIDGE, SHADLE
LOCATION: 5001 West Shawnee Avenue, SPOKANE, WA
47 ° 44 ' 42.00 " N LAT. 117 ° 29 ' 1.68 " W LONG.

SITE ID: SILVER LAKE, SUNSET,
LOCATION: 10405 West Melville Road, CHENEY, WA
47 ° 34 ' 32.78 " N LAT. 117 ° 33 ' 27.93 " W LONG.

SITE ID: CHENEY 1, 2, YSA
LOCATION: 2536 North 6th, CHENEY, WA
47 ° 30 ' 14.84 " N LAT. 117 ° 34 ' 32.20 " W LONG.

SITE ID: IONE-METALINE FALLS
LOCATION: Vogel Rd in between HWY 31 and HWY 20 2, IONE, WA
48 ° 41 ' 13.77 " N LAT. 117 ° 24 ' 36.21 " W LONG.

SITE ID: NORTHPORT
LOCATION: 4307 Highway 25 North, NORTHPORT, WA
48 ° 54 ' 41.80 " N LAT. 117 ° 47 ' 28.83 " W LONG.

SITE ID: DAYTON
LOCATION: 1114 South 3rd Street, DAYTON, WA
46 ° 18 ' 40.73 " N LAT. 117 ° 58 ' 5.94 " W LONG.

SITE ID: DAVENPORT
LOCATION: 800 Southwest Lincoln St, DAVENPORT, WA
47 ° 39 ' 28.79 " N LAT. 118 ° 9 ' 9.31 " W LONG.

SITE ID: COLVILLE 1, 2 &
LOCATION: 260 East Juniper, COLVILLE, WA
48 ° 32 ' 20.05 " N LAT. 117 ° 54 ' 9.57 " W LONG.

Points of Communication:

ELKINS - PERMITTED LIST - ()

SES-REG-20181012-05286 E E191661 Houston Christian Broadcasters, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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

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

Points of Communication:

Austin - PERMITTED LIST - ()

SES-REG-20181012-05462 E E200168 WJFD-FM, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 651 Orchard St Suite 300, Bristol, New Bedford, MA
41 ° 36 ' 54.73 " N LAT. 70 ° 55 ' 54.25 " W LONG.

ANTENNA ID: ANT1 3.05 meters Prime Focus TVRO-10
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05500 E E200205 Monticello Wayne County Media Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A

LOCATION: 105 Highway 3106 105 Highway 3106, Wayne, Monticello, KY
26 ° 51 ' 7.45 " N LAT. 84 ° 50 ' 6.90 " W LONG.

ANTENNA ID: 1 4.5 meters
3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20181012-05560 E E200263 BRYAN MUNICIPAL UTILITIES

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Bryan Municipal Util

LOCATION: 841 E Edgerton St, Williams, Bryan, OH
41 ° 28 ' 51.20 " N LAT. 84 ° 32 ' 18.80 " W LONG.

ANTENNA ID: 3.8 M 3.8 meters Prodelin 1385
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

Points of Communication:

Bryan Municipal Util - PERMITTED LIST - ()

SES-REG-20181012-05565 E E200268 Big Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KOKORoof1

LOCATION: 2775 E. Shaw Ave, Fresno, Fresno, CA

36 ° 48 ' 27.02 " N LAT.

119 ° 44 ' 11.65 " W LONG.

ANTENNA ID: KOKODish1 3.7 meters PRODELIN GENERAL DYNAMICS 1374

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

Points of Communication:

KOKORoof1 - PERMITTED LIST - ()

SES-REG-20181012-05570 E E200273 The Chickasaw Nation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KADA

LOCATION: 1019 N. Broadway Ave, Pontotoc, Ada, OK

34 ° 47 ' 5.00 " N LAT.

96 ° 40 ' 44.00 " W LONG.

ANTENNA ID: Ant 1 3.74 meters Prodelin 1374.990

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio Signals

Points of Communication:

KADA - PERMITTED LIST - ()

SES-REG-20181012-05574 E E200277 Keith Douglas Learn (d/b/a KLPZ Radio)

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KLPZ

LOCATION: 815 6TH STREET, PARKER, AZ

34 ° 9 ' 17.90 " N LAT.

114 ° 17 ' 27.40 " W LONG.

ANTENNA ID:	1	3 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				DIGITAL AUDIO
ANTENNA ID:	2	2.8 meters	Scientific Atlanta	9000
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				DIGITAL AUDIO

Points of Communication:

KLPZ - PERMITTED LIST - ()

SES-REG-20181012-05579 E E200282 Nebraska Educational Telecommunications Commission
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: DH 2.13AGL
LOCATION: 1800 N 33rd St., Lancaster, Lincoln, NE
40 ° 49 ' 52.80 " N LAT. 96 ° 40 ' 17.10 " W LONG.

ANTENNA ID:	DH 2.13AGL	3.7 meters	DH Satellite	37DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data, Audio or Video

Points of Communication:

DH 2.13AGL - PERMITTED LIST - ()

SES-REG-20181012-05594 E E200297 Digital Syndicate Network, L.L.C.
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KDKT(AM) Tower
LOCATION: County Road 21, Mercer, Beulah, ND
47 ° 17 ' 25.23 " N LAT. 101 ° 45 ' 48.83 " W LONG.

ANTENNA ID:	DSN-1	3 meters	DH Satellite	30DH1
	3700.0000 - 4200.0000 MHz			

Points of Communication:

KDKT(AM) Tower - PERMITTED LIST - ()

SES-REG-20181013-05612 E E200314 Mercy's Bridge Media, LLC
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A
LOCATION: 1521 Oak Grove Church Rd., Robeson, Lumberton, NC
34 ° 42 ' 2.00 " N LAT. 79 ° 6 ' 30.00 " W LONG.

ANTENNA ID: 2.5M 2.4384 meters Channel Master Prime Focus Mesh Dis
3700.0000 - 4200.0000 MHz 36M0G7W video
ANTENNA ID: 4.87M 4.8768 meters AllSat 4.87M
3700.0000 - 4200.0000 MHz 36M0G7W Video

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20181015-05921 E E200611 FEDERAL EXPRESS CORPORATION

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: EDC
LOCATION: 250 Spectrum Loop, El Paso, Colorado Springs, CO
39 ° 1 ' 34.00 " N LAT. 104 ° 49 ' 11.50 " W LONG.

ANTENNA ID: NOAA3 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

EDC - PERMITTED LIST - ()

SES-REG-20181015-05946 E E200638 El Sembrador Ministries

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: B5
LOCATION: 94352 70th Ave, Riverside, Mecca, CA
33 ° 32 ' 24.00 " N LAT. 116 ° 1 ' 13.00 " W LONG.

ANTENNA ID: B5 3.7 meters DH Satellite 3.7 M4PC60
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Video

Points of Communication:

B5 - PERMITTED LIST - ()

SES-REG-20181015-05949 E E200641 El Sembrador Ministries

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: B4

LOCATION: 1311 Old Stage Rd, Monterey County, Salinas, CA

36 ° 39 ' 34.00 " N LAT.

121 ° 32 ' 45.00 " W LONG.

ANTENNA ID: B4 3.7 meters DH Satellite 3.7M4PC60

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Video

Points of Communication:

B4 - PERMITTED LIST - ()

SES-REG-20181015-05975 E E200669 Blount Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WARV Studio

LOCATION: 19 Luther Ave, Kent, Warwick, RI

41 ° 42 ' 5.94 " N LAT.

71 ° 27 ' 34.36 " W LONG.

ANTENNA ID: ANT1 3.3 meters Comtech 3.3 meter

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

WARV Studio - PERMITTED LIST - ()

SES-REG-20181015-05983 E E200676 Dubois County Broadcasting, Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Madison, IN Site

LOCATION: 1224 E. Telegraph Hill Road, Jefferson, Madiosn, IN

38 ° 44 ' 31.30 " N LAT.

85 ° 21 ' 43.90 " W LONG.

ANTENNA ID: ANT1 3.9 meters Patriot n/a

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Video and Audio

SITE ID: Jasper, IN Site

LOCATION: 458 3rd Avenue, Dubois, Jasper, IN

38 ° 22 ' 52.60 " N LAT.

86 ° 55 ' 17.10 " W LONG.

ANTENNA ID:	ANT1	3 meters	Winegard	n/a
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Analog and Digital Video and Audio
ANTENNA ID:	ANT2	3.9 meters	Patriot	n/a
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Analog and Digital Video and Audio

Points of Communication:

Jasper, IN Site - PERMITTED LIST - ()

Madison, IN Site - PERMITTED LIST - ()

SES-REG-20181015-05992 E E200685 Community Cable & Broadband, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Yale

LOCATION: 814 W Boston Ave, Payne, Yale, OK

36 ° 6 ' 55.15 " N LAT.

96 ° 42 ' 35.84 " W LONG.

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

Points of Communication:

Yale - PERMITTED LIST - ()

SES-REG-20181015-05994 E E200687 Sandhills Broadcasting LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 356 S. Main St., Brown, Ainsworth, NE

42 ° 32 ' 35.60 " N LAT.

99 ° 51 ' 42.80 " W LONG.

ANTENNA ID: unknown

3700.0000 - 4200.0000 MHz

36M0G7W

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181015-06025 E E200719 Sutton Radiocasting Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WFSC/WNCC Dish

LOCATION: 180 Radio Hill Road, Macon, Franklin, NC

35 ° 12 ' 38.88 " N LAT.

83 ° 22 ' 6.78 " W LONG.

ANTENNA ID: ANT1

3.8 meters

COMTECH

3.8 EL/AZ

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Audio

Points of Communication:

WFSC/WNCC Dish - PERMITTED LIST - ()

SES-REG-20181015-06036 E E200730 Ind. Co. Cable TV, Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: gumspring

LOCATION: 2405 hwy 267 searcy, white, gumspring, AR

35 ° 11 ' 51.33 " N LAT.

91 ° 47 ' 2.70 " W LONG.

ANTENNA ID: ant 1

3.8 meters

patriot

3.8

3700.0000 - 4200.0000 MHz

36M0G7D

video

ANTENNA ID:	ant 2	3.8 meters	dh	3.8
	3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 3	3.8 meters	aluminum	3.8
	3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 4	3.8 meters	aluminum	3.8
	3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 5	3.8 meters	aluminum	3.8
	3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 6	3 meters	aluminum	3.0
	3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 7	3 meters	aluminum	3.0
	3700.0000 - 4200.0000 MHz		36M0G7D	video

Points of Communication:

gumspring - PERMITTED LIST - ()

SES-REG-20181015-06037 E E200731 Ind. Co. Cable TV, Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: PLAINVIEW

LOCATION: 3041 hwy 157 plainview, white, plainview, AR
35 ° 20 ' 6.66 " N LAT.

91 ° 40 ' 32.89 " W LONG.

ANTENNA ID:	ant 1	3 meters	aluminum	3.0
	3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 2	3 meters	aluminum	3.0
	3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 3	3.8 meters	aluminum	3.8
	3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 4	3.8 meters	aluminum	3.8

3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 5	3.8 meters aluminum	3.8
3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 6	3.8 meters aluminum	3.8
3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 7	3.8 meters dh	3.8
3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 8	3 meters patriot	3.0
3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 9	3.8 meters patriot	3.8
3700.0000 - 4200.0000 MHz		36M0G7D	video

Points of Communication:

PLAINVIEW - PERMITTED LIST - ()

SES-REG-20181015-06038 E E200732 Ind. Co. Cable TV, Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: evening shade

LOCATION: 243 pierson rd evening shade, sharp, evening shade, AR
36 ° 3 ' 35.26 " N LAT.

91 ° 37 ' 35.26 " W LONG.

ANTENNA ID:	ant 1	3.8 meters aluminum	3.8
3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 2	3.8 meters aluminum	3.8
3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 3	3.8 meters aluminum	3.8
3700.0000 - 4200.0000 MHz		36M0G7D	video
ANTENNA ID:	ant 4	3.8 meters aluminum	3.8
3700.0000 - 4200.0000 MHz		36M0G7D	video

ANTENNA ID: ant 5 4.8768 meters fiberglass 4.8768
3700.0000 - 4200.0000 MHz 36M0G7D video

Points of Communication:

evening shade - PERMITTED LIST - ()

SES-REG-20181015-06047 E E200740 The Montana Radio Company, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 2520 Airport Road, Lewis and Clark, Helena, MT

46 ° 36 ' 8.60 " N LAT.

111 ° 59 ' 44.30 " W LONG.

ANTENNA ID: ANT1 3.7 meters DawnCo D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181015-06072 E E200763 Birmingham (WABM-TV) Licensee, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WABM Site 2

LOCATION: 2021 Golden Crest Drive, Jefferson, Birmingham, AL

33 ° 29 ' 4.90 " N LAT.

86 ° 48 ' 26.50 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin PRO3.7
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video and Data

Points of Communication:

WABM Site 2 - PERMITTED LIST - ()

SES-REG-20181015-06074 E E200765 Bicoastal Media Licenses II, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Eureka Studios

LOCATION: 5640 South Broadway Street, Humboldt, Eureka, CA

40 ° 44 ' 32.06 " N LAT.

124 ° 12 ' 1.22 " W LONG.

ANTENNA ID: SES-11 3.7 meters Dawnco D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

Eureka Studios - PERMITTED LIST - ()

SES-REG-20181015-06081 E E200772 price media corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KWBJ MC

LOCATION: 608 Michigan St, St Mary, Morgan City, LA

29 ° 41 ' 57.80 " N LAT.

91 ° 12 ' 18.90 " W LONG.

ANTENNA ID: 1 2.8 meters Scientific Atlanta 9000
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog and Digital Video services

ANTENNA ID: 2 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog and Digital Video services

Points of Communication:

KWBJ MC - AMC-15 (S2180) - (105.0 W.L.)

KWBJ MC - GALAXY 16 (S2687) - (99 W.L.)

KWBJ MC - GALAXY 17 (S2715) - (91 W.L.)

KWBJ MC - GALAXY 19 (S2647) - (97 W.L.)

KWBJ MC - GALAXY 23 (S2592) - (121 W.L.)

KWBJ MC - GALAXY 28 (S2160) - (89.0 W.L.)

SES-REG-20181015-06089 E E200780 Bicoastal Media Licenses V, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Eugene Studios

LOCATION: 1500 Valley River Drive Suite 350, Lane, Eugene, OR

44 ° 4 ' 17.97 " N LAT.

ANTENNA ID: SES-11 3.7 meters Dawnco D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

Eugene Studios - PERMITTED LIST - ()

SES-REG-20181015-06101 E E200791 Radio Plus Bay Cities LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WLST

LOCATION: 844 Pierce Ave, Marinette, MI

45 ° 5 ' 47.57 " N LAT.

87 ° 37 ' 45.34 " W LONG.

ANTENNA ID: WLST 3.7 meters DAWNCO D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW

Points of Communication:

WLST - PERMITTED LIST - ()

SES-REG-20181015-06103 E E200793 KRFE Radio, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 6602 Martin L. King Blvd., Lubbock, Lubbock, TX

33 ° 32 ' 2.31 " N LAT.

101 ° 49 ' 7.90 " 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-20181016-05712 E E200401 NTS Communications, LLC d/b/a Vexus

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 8902 Alcove Ave., Lubbock, Wolfforth, TX

33 ° 30 ' 49.70 " N LAT.

101 ° 59 ' 31.90 " W LONG.

ANTENNA ID: 1 5 meters ATCI Simulsat 5

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-05715 E E200404 KSTP-TV, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KSTP-TV, LLC

LOCATION: 3415 UNIVERSITY AVENUE, WEST, RAMSEY, ST. PAUL, MN

44 ° 58 ' 8.10 " N LAT. 93 ° 12 ' 24.67 " W LONG.

ANTENNA ID: KSTP-TV 4.5 meters DH 45DH1

3700.0000 - 4200.0000 MHz 36 M0G7F 0.00 dBW COMPRESSED DIGITAL VIDEO

Points of Communication:

KSTP-TV, LLC - PERMITTED LIST - ()

SES-REG-20181016-05728 E E200417 Kodiak Island Broadcasting Co., Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1315 MILL BAY RD Kodiak, AK, US, KODIAK, AK

57 ° 47 ' 53.40 " N LAT. 152 ° 23 ' 21.20 " W LONG.

ANTENNA ID: 1 3 meters Cosmos 10 FT

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-05858 E E200548 Alpha Media Licensee LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 301 Arctic Slope Ave, Anchorage, Anchorage, AK

61 ° 8 ' 47.29 " N LAT. 149 ° 52 ' 35.95 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 2
 LOCATION: 520 S. 4th Street, Jefferson, Louisville, KY
 38 ° 15 ' 1.80 " N LAT. 85 ° 45 ' 29.90 " W LONG.

ANTENNA ID: 2 3.1 meters Patriot PRT310
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 3
 LOCATION: 1205 Maryland Avenue, Washington, Hagerstown, MD
 39 ° 37 ' 10.80 " N LAT. 77 ° 44 ' 9.20 " W LONG.

ANTENNA ID: 3 3.1 meters unknown Unknown
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 4
 LOCATION: 3651 Pegasus Drive, Kern, Bakersfield, CA
 35 ° 26 ' 14.70 " N LAT. 119 ° 4 ' 16.60 " W LONG.

ANTENNA ID: 4 3.7 meters Prodelin PXT662X3RP
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 5
 LOCATION: 3250 Belvidere Road, Lake, Waukegan, IL
 42 ° 20 ' 57.10 " N LAT. 87 ° 52 ' 52.70 " W LONG.

ANTENNA ID: 5 3.8 meters Patriot PRT-10
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 6
 LOCATION: 8500 Green Bay Road, Kenosha, Pleasant Prairie, WI
 42 ° 33 ' 9.00 " N LAT. 87 ° 53 ' 33.50 " W LONG.

ANTENNA ID: 6 3.8 meters Comtech 3.8M
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 7
 LOCATION: 25 Penncraft Avenue, Franklin, Chambersburg, PA
 39 ° 56 ' 12.50 " N LAT. 77 ° 39 ' 19.20 " W LONG.

ANTENNA ID: 7 3.1 meters unknown Unknown
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 8
 LOCATION: 401 Mall Boulevard Suite 101-D, Chatham, Savannah, GA
 32 ° 0 ' 6.10 " N LAT. 81 ° 6 ' 43.40 " W LONG.

SITE ID: 15
 LOCATION: 3505 Olsen Blvd, Randall, Amarillo, TX
 35 ° 11 ' 1.40 " N LAT. 101 ° 52 ' 42.80 " W LONG.

ANTENNA ID: 15 3.7 meters DH 37DH1
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 16
 LOCATION: 607 E. Platte-Clay Way, DeKalb, Cameron, MO
 39 ° 45 ' 35.50 " N LAT. 94 ° 13 ' 55.10 " W LONG.

ANTENNA ID: 16 3.8 meters Comtech 3.8M
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 17
 LOCATION: 18553 Gentry Road, Laclede, Lebanon, MO
 37 ° 41 ' 7.10 " N LAT. 92 ° 41 ' 36.50 " W LONG.

ANTENNA ID: 17 3.3 meters Unknown 3.3
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 18
 LOCATION: 57 Court Street, Jefferson, Fairfield, IA
 41 ° 0 ' 24.90 " N LAT. 91 ° 57 ' 44.20 " W LONG.

ANTENNA ID: 18 3.8 meters Comtech 3.8M
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 19
 LOCATION: 9471 Three Rivers Road Suite A, Harrison, Gulfport, MS
 30 ° 25 ' 30.00 " N LAT. 89 ° 5 ' 19.70 " W LONG.

ANTENNA ID: 19 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 20
 LOCATION: 731 Pear Orchard Rd. #27, Madison, Ridgeland, MS
 32 ° 24 ' 11.30 " N LAT. 90 ° 7 ' 31.00 " W LONG.

ANTENNA ID: 20 3.048 meters Kaul-Tronic SI-10
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 21
 LOCATION: 2410-B Caton Farm Road, Will, Crest Hill, IL
 41 ° 33 ' 53.70 " N LAT. 88 ° 8 ' 41.40 " W LONG.

SITE ID: 28
 LOCATION: 300 W. Reed Street, Randolph, Moberly, MO
 39 ° 25 ' 10.00 " N LAT. 92 ° 26 ' 22.00 " W LONG.

ANTENNA ID: 28 3.7 meters DH Satellite 37DH448A
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 29
 LOCATION: 1800 Teague Drive Suite 300, Grayson, Sherman, TX
 33 ° 39 ' 24.00 " N LAT. 96 ° 36 ' 1.10 " W LONG.

ANTENNA ID: 29 3.2 meters Unknown Unknown
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 30
 LOCATION: 1700 Redbud Blvd Suite 185, Collin, McKinney, TX
 33 ° 12 ' 50.20 " N LAT. 96 ° 37 ' 58.40 " W LONG.

ANTENNA ID: 30 3.2 meters Unknown Unknown
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 31
 LOCATION: 1321 N. Gene Autry Trail, Riverside, Palm Springs, CA
 33 ° 50 ' 26.40 " N LAT. 116 ° 30 ' 26.60 " W LONG.

ANTENNA ID: 31 3.8 meters Patriot PRT-380
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 32
 LOCATION: 33 Briercroft Office Building, Lubbock, Lubbock, TX
 33 ° 32 ' 32.80 " N LAT. 101 ° 51 ' 1.90 " W LONG.

ANTENNA ID: 32 3.8 meters Patriot PRT-380
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 33
 LOCATION: 331 Fulton Street Suite 1200, Peoria, Peoria, IL
 40 ° 41 ' 30.20 " N LAT. 89 ° 35 ' 31.10 " W LONG.

ANTENNA ID: 33 3.8 meters Patriot 2M38090
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 34
 LOCATION: 1211 SW Fifth Avenue Suite 600, Multnomah, Portland, OR
 45 ° 30 ' 55.20 " N LAT. 122 ° 40 ' 48.40 " W LONG.

SITE ID: 41
LOCATION: 1124 N Miller Street, Chelan, Wenatchee, WA
47 ° 26 ' 15.60 " N LAT. 120 ° 19 ' 31.60 " W LONG.

ANTENNA ID: 41 3.8 meters Comtech 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, or Video

SITE ID: 42
LOCATION: 2722 S. Redwood Road, Salt Lake, Salt Lake City, UT
40 ° 42 ' 43.10 " N LAT. 111 ° 56 ' 21.70 " W LONG.

ANTENNA ID: 42 3.8 meters Patriot PRT-380
3700.0000 - 4200.0000 MHz 36M0F7W 0.00 dBW Digital audio, data, telemetry

Points of Communication:

- 1 - PERMITTED LIST - ()
- 10 - PERMITTED LIST - ()
- 12 - PERMITTED LIST - ()
- 13 - PERMITTED LIST - ()
- 14 - PERMITTED LIST - ()
- 15 - PERMITTED LIST - ()
- 16 - PERMITTED LIST - ()
- 17 - PERMITTED LIST - ()
- 19 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 21 - PERMITTED LIST - ()
- 22 - PERMITTED LIST - ()
- 23 - PERMITTED LIST - ()
- 24 - PERMITTED LIST - ()
- 25 - PERMITTED LIST - ()
- 26 - PERMITTED LIST - ()
- 27 - PERMITTED LIST - ()
- 28 - PERMITTED LIST - ()
- 29 - PERMITTED LIST - ()
- 3 - PERMITTED LIST - ()

- 30 - PERMITTED LIST - ()
- 31 - PERMITTED LIST - ()
- 32 - PERMITTED LIST - ()
- 33 - PERMITTED LIST - ()
- 34 - PERMITTED LIST - ()
- 35 - PERMITTED LIST - ()
- 36 - PERMITTED LIST - ()
- 37 - PERMITTED LIST - ()
- 38 - PERMITTED LIST - ()
- 39 - PERMITTED LIST - ()
- 4 - PERMITTED LIST - ()
- 40 - PERMITTED LIST - ()
- 41 - PERMITTED LIST - ()
- 42 - PERMITTED LIST - ()
- 5 - PERMITTED LIST - ()
- 7 - PERMITTED LIST - ()
- 8 - PERMITTED LIST - ()
- 9 - PERMITTED LIST - ()

SES-REG-20181016-05883 E E200573 S & K TV Systems, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Holcombe

LOCATION: 27468 266 ST, Chippewa, Holcombe, WI

45 ° 14 ' 26.90 " N LAT.

91 ° 8 ' 27.65 " W LONG.

ANTENNA ID:	1	2.4 meters	Chanel Master	6336
		3700.0000 - 4200.0000 MHz	36M0G7W 0.00 dBW	Modulation and Services Digital Video
ANTENNA ID:	2	3.7 meters	VIKING	P370FAE
		3700.0000 - 4200.0000 MHz	36M0G7W 0.00 dBW	Modulation and Services Digital Video
ANTENNA ID:	3	3 meters	Channel Master	6346

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services Digital Video
ANTENNA ID: 4	3 meters	na	na
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services Digital Video

Points of Communication:

Holcombe - PERMITTED LIST - ()

SES-REG-20181016-06149 E E200837 Commonwealth Public Broadcasting Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WCNV Earth Station

LOCATION: 4016 Dodlyt Road, Northumberland, Heathsville, VA
 37 ° 54 ' 22.50 " N LAT. 76 ° 29 ' 7.80 " W LONG.

ANTENNA ID: 3.8M 3.8 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 36M0G7W DVB-S QPSK

Points of Communication:

WCNV Earth Station - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20181016-06150 E E200838 COVENANT NETWORK

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WGMR Xmit Site

LOCATION: 410 S. Willow Street, Effingham, Effingham, IL
 39 ° 7 ' 5.60 " N LAT. 88 ° 32 ' 4.90 " W LONG.

ANTENNA ID: ANT1 3 meters Unimesh Unknown

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

Points of Communication:

WGMR Xmit Site - PERMITTED LIST - ()

SES-REG-20181016-06151 E E200839 The Board of Trustees of the Univ of AL for Univ of Alabama at Birmingham

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: ANT 1
LOCATION: 7440 Waterloo Road, Colbert, Russellville, AL
34 ° 34 ' 40.00 " N LAT. 87 ° 47 ' 1.30 " W LONG.

ANTENNA ID: ANT 1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Points of Communication:

ANT 1 - PERMITTED LIST - ()

SES-REG-20181016-06152 E E200840 Gregory Coogle

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 492 NW 162nd Ave, USA, Pembroke Pines, FL
25 ° 53 ' 29.90 " N LAT. 80 ° 19 ' 47.50 " W LONG.

ANTENNA ID: ANTI 3.05 meters RCA - Radio Company of America TVRO-3.05
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-06164 E E200852 City of Ketchikan

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KPU IPTV Station
LOCATION: 2970 Tongass Ave, Ketchikan Gateway, Ketchikan, AK
55 ° 21 ' 10.61 " N LAT. 131 ° 41 ' 2.05 " W LONG.

ANTENNA ID: SA-10M 10 meters Scientific-Atlanta Prime Focus
3700.0000 - 4200.0000 MHz 36M0G7W digital

Points of Communication:

KPU IPTV Station - PERMITTED LIST - ()

SES-REG-20181016-06186 E E200874 GAINES COUNTY BROADCASTING, LTD.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 105 NW 11th Street, Gaines, Seminole, TX
32 ° 43 ' 9.31 " N LAT. 102 ° 39 ' 25.33 " W LONG.

ANTENNA ID: 1 4.5 meters Dawnco D37F48
3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-06266 E E200935 SCOTTSBORO BROADCASTING CO., INC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WWIC Receiver
LOCATION: P.O. Box 759 (815 West Willow Street) P.O. Box 759 (815 West Willow Street), Jackson, Scottsboro, AL
34 ° 40 ' 23.00 " N LAT. 86 ° 3 ' 11.00 " W LONG.

ANTENNA ID: WWIC-1 3 meters Clear Channel Satellite Services Not Available
3200.0000 - 4400.0000 MHz 30M0G7W 0.00 dBW AUDIO ONLY

Points of Communication:

WWIC Receiver - PERMITTED LIST - ()

SES-REG-20181016-06291 E E200958 Three Sisters Broadcasting, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WTSN Transmitter
LOCATION: 1177 West New Hope Road, Vanderburgh, Evansville, IN
37 ° 59 ' 11.20 " N LAT. 87 ° 16 ' 11.50 " W LONG.

ANTENNA ID: WTSN Xmit 5.2 meters Simulsat 5B
3700.0000 - 4200.0000 MHz 36M0G7W QPSK 8PSK Digital

Points of Communication:

WTSN Transmitter - PERMITTED LIST - ()

SES-REG-20181016-06302 E E200968 Dana Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WQRL Studio
LOCATION: 303 North Main Street, Franklin, Benton IL, IL
37 ° 59 ' 58.02 " N LAT. 88 ° 55 ' 15.09 " W LONG.

ANTENNA ID: ANT1 3.7 meters Channel Master 12ft
3700.0000 - 4200.0000 MHz 36M0G7W QPSK modulation, digital audio and video data

Points of Communication:

WQRL Studio - PERMITTED LIST - ()

SES-REG-20181016-06359 E E201018 Eatel Video, L.L.C.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Dutchtown
LOCATION: 14067 Hwy. 73 Prairieville, USA, Gonzales, LA
30 ° 16 ' 22.60 " N LAT. 90 ° 59 ' 4.50 " W LONG.

ANTENNA ID: SA45 4.5 meters Viasat Satellite Networks 8345PF
3700.0000 - 4200.0000 MHz 30m0g7w 0.00 dBW digital video
11700.0000 - 21200.0000 MHz 36m0f8f 0.00 dBW analog video with associated subcarriers
11700.0000 - 21200.0000 MHz 30m0g7w 0.00 dBW digital video
3700.0000 - 4200.0000 MHz 36m0f8f 0.00 dBW analog video with associated subcarriers

ANTENNA ID: SA37 3.7 meters Viasat Satellite Networks 9037
3700.0000 - 4200.0000 MHz 36m0f8f 0.00 dBW analog video with associated subcarriers
3700.0000 - 4200.0000 MHz 30m0g7w 0.00 dBW digital video
11700.0000 - 21200.0000 MHz 30m0g7w 0.00 dBW digital video
11700.0000 - 21200.0000 MHz 36m0f8f 0.00 dBW analog video with associated subcarriers

Points of Communication:

Dutchtown - PERMITTED LIST - ()

SES-REG-20181016-06365 E E201022 Louisiana Television Broadcasting, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
 LOCATION: 1650 Highland Road, East Baton Rouge, Baton Rouge, LA
 30 ° 25 ' 56.70 " N LAT. 91 ° 11 ' 7.40 " W LONG.

ANTENNA ID:	ABC-PRI	7.3 meters	Andrew	7.3 M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital
ANTENNA ID:	ABC-SEC1	4.5 meters	Andrew	4.5 M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital
ANTENNA ID:	ABC-SEC	4.5 meters	Andrew	4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	digital
ANTENNA ID:	DH	5 meters	DH Satellite	5.0 M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital
ANTENNA ID:	SYN	5 meters	Comtek	5 M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital
ANTENNA ID:	SA	5 meters	Scientific Atlanta	5 M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital
ANTENNA ID:	SYN 2	4.5 meters	Patriot	4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	digital
ANTENNA ID:	SYN-3	4.5 meters	TBDSYN3	4.5 M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital
ANTENNA ID:	SYN-4	4.5 meters	TBDSYN4	4.5 M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-06384 E E201034 Commonwealth Public Broadcasting Corporation
 Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Sesame Street Site
LOCATION: 23 Sesame Street, Chesterfield, Richmond, VA
37 ° 30 ' 45.50 " N LAT. 77 ° 36 ' 5.00 " W LONG.

ANTENNA ID: 3.8M 3.8 meters Comtech Unknown
3700.0000 - 4200.0000 MHz 36M0G7W DVB-S QPSK

Points of Communication:

Sesame Street Site - PERMITTED LIST - ()

SES-REG-20181016-06405 E E201050 Center Broadcasting Company, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Main Studio
LOCATION: 307 San Augustine St., Shelby, Center, TX
31 ° 47 ' 31.87 " N LAT. 94 ° 10 ' 54.78 " W LONG.

ANTENNA ID: ANT-1 4.5 meters American Antennas, Inc. TVRO-4.5
3700.0000 - 4200.0000 MHz 30m0g7w Digital Audio

Points of Communication:

Main Studio - PERMITTED LIST - ()

SES-REG-20181016-06407 E E201052 Gerald W Hunt (d/b/a WDXI)

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WDXI
LOCATION: 1 WDXI Drive Jackson, Tn, Madison, Jackson, TN
35 ° 39 ' 53.00 " N LAT. 88 ° 49 ' 23.00 " W LONG.

ANTENNA ID: 1 3 meters
3700.0000 - 4200.0000 MHz

Points of Communication:

WDXI - PERMITTED LIST - ()

SES-REG-20181016-06486 E E201129 DIRECTV Enterprises, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MSSNKSFR
LOCATION: 5400 Foxridge Dr., Mission, KS
39 ° 1 ' 8.00 " N LAT. 94 ° 40 ' 1.00 " W LONG.

ANTENNA ID: MSSNK 1-25 4.5 meters ViaSat Superior 8345
3700.0000 - 4200.0000 MHz 36M0G7W Video

Points of Communication:

MSSNKSFR - PERMITTED LIST - ()

SES-REG-20181017-05872 E E200562 Electronic Design & Development, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1051 Haines Highway, Haines Borough, Haines, AK
59 ° 14 ' 24.00 " N LAT. 135 ° 28 ' 12.00 " W LONG.

ANTENNA ID: 1 3.6 meters chapparel 12 foot mesh

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 3 4.5 meters patriot 4.5

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 3.8 meters patriot 3.8

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 4 3 meters chapparel 12

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 5 1.2 meters dish network 1.2

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-06100 E E200790 WideOpenWest Michigan, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1339 Rochester Road, Oakland, Troy, MI
42 ° 32 ' 48.85 " N LAT. 83 ° 8 ' 12.35 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific Atlanta 4.5
3700.0000 - 4200.0000 MHz 36M0G7W digital signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-06107 E E200797 WideOpenWest Mid-Michigan, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4240 N Michigan Rd, Ingraham, Diamondale, MI
42 ° 37 ' 44.33 " N LAT. 84 ° 37 ' 17.73 " W LONG.

ANTENNA ID: Sat1 4.5 meters Scientific Atlanta 4.5
3700.0000 - 4200.0000 MHz 36M0G7W digital signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-06523 E E201164 Lowcountry 34 Media, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WSCG Studio
LOCATION: 93 Sams Point Road, Beaufort, Beaufort, SC
32 ° 25 ' 22.20 " N LAT. 80 ° 38 ' 40.70 " W LONG.

ANTENNA ID: SA2M 2 meters SCIENTIFIC ATLANTA UNKNOWN
3700.0000 - 4200.0000 MHz 38M0G7W 0.00 dBW DIGITAL VIDEO AUDIO AND DATA
MULTIPLEXED

ANTENNA ID: DH45 4.5 meters DH SATELLITE 45DH
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL MULTIPLEXED VIDEO
AUDIO AND DATA

ANTENNA ID: DH37 3.7 meters DH SATELLITE UNKNOWN
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL MULTIPLEX VIDEO AUDIO
AND DATA

ANTENNA ID:	SA3M	3.7 meters	SCIENTIFIC ATLANTA	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				DIGITAL VIDEO AUDIO AND DATA MULTIPLEXED

Points of Communication:

WSCG Studio - PERMITTED LIST - ()

SES-REG-20181017-06699 E E201979 Immaculate Heart Media, Inc.
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2766 N Santa Fe Avenue, San Diego, Oceanside, CA
33 ° 14 ' 1.30 " N LAT. 117 ° 16 ' 11.90 " W LONG.

ANTENNA ID:	1	3.7 meters	DH Satellite	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio

SITE ID: 2

LOCATION: 1233 Mokulele Hwy, Maui, Kihei, HI
20 ° 47 ' 18.80 " N LAT. 156 ° 27 ' 50.70 " W LONG.

ANTENNA ID:	2	3.7 meters	Patriot	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio

SITE ID: 3

LOCATION: 1700 North Alvarado Street, Los Angeles, Los Angeles, CA
34 ° 5 ' 8.00 " N LAT. 118 ° 15 ' 29.50 " W LONG.

ANTENNA ID:	3	3.7 meters	General Dynamics	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio

SITE ID: 4

LOCATION: 28180 Avenue 15, Madera, Madera, CA
36 ° 57 ' 59.60 " N LAT. 120 ° 2 ' 8.90 " W LONG.

ANTENNA ID:	4	3.7 meters	Patriot	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio

SITE ID: 5

LOCATION: 8403B Clean Water Way, Washoe, Reno, NV
39 ° 30 ' 47.10 " N LAT. 119 ° 42 ' 51.20 " W LONG.

ANTENNA ID:	5	3.7 meters	General Dynamics	3.7m
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital audio
SITE ID: 6		
LOCATION: 1900 Carmen Street, Maricopa, Guadalupe, AZ		
33 ° 21 ' 39.00 " N LAT.		111 ° 58 ' 4.90 " W LONG.
ANTENNA ID: 6	3.7 meters	General Dynamics 3.7m
3700.0000 - 4200.0000 MHz	36M0G7W	Digital audio
SITE ID: 7		
LOCATION: 6211 West 2100, Salt Lake, South Salt Lake City, UT		
40 ° 43 ' 13.40 " N LAT.		112 ° 2 ' 29.20 " W LONG.
ANTENNA ID: 7	3.7 meters	DH Satellite 3.7m
3700.0000 - 4200.0000 MHz	36M0G7W	Digital audio
SITE ID: 8		
LOCATION: 7304 Daffan Lane, Austin, Travis, Austin, TX		
30 ° 19 ' 14.60 " N LAT.		97 ° 37 ' 25.90 " W LONG.
ANTENNA ID: 8	3.7 meters	DH Satellite 3.7m
3700.0000 - 4200.0000 MHz	36M0G7W	Digital audio
SITE ID: 9		
LOCATION: 15279 Handford-Armona Road, Kings, Lemoore, CA		
36 ° 18 ' 47.30 " N LAT.		119 ° 43 ' 55.60 " W LONG.
ANTENNA ID: 9	3.7 meters	Patriot 3.7m
3700.0000 - 4200.0000 MHz	36M0G7W	Digital audio
SITE ID: 10		
LOCATION: 501 Bay Street, Humboldt, Eureka, CA		
40 ° 48 ' 10.80 " N LAT.		124 ° 8 ' 21.90 " W LONG.
ANTENNA ID: 10	3.7 meters	Patriot 3.7m
3700.0000 - 4200.0000 MHz	36M0G7W	Digital audio
SITE ID: 11		
LOCATION: 14600 Claribel Road, Stanislaus, Waterford, CA		
37 ° 42 ' 34.30 " N LAT.		120 ° 43 ' 33.30 " W LONG.
ANTENNA ID: 11	3.7 meters	General Dynamics 3.7m
3700.0000 - 4200.0000 MHz	36M0G7W	Digital audio

SITE ID: 12
 LOCATION: 9840 S. Rainbow Blvd, Clark, Enterprise, NV
 36 ° 0 ' 40.60 " N LAT. 115 ° 14 ' 31.80 " W LONG.

ANTENNA ID: 12 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 13
 LOCATION: 1 Radio Hill Road, Plumas, Quincy, CA
 39 ° 56 ' 24.70 " N LAT. 120 ° 55 ' 42.50 " W LONG.

ANTENNA ID: 13 3.7 meters Patriot 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 14
 LOCATION: 307 Los Ranchos Road NW, Bernalillo, Albuquerque, NM
 35 ° 10 ' 13.00 " N LAT. 106 ° 37 ' 52.10 " W LONG.

ANTENNA ID: 14 3.7 meters General Dynamics 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 15
 LOCATION: #1 Bayview Park Road, San Francisco, San Francisco, CA
 37 ° 42 ' 58.30 " N LAT. 122 ° 23 ' 40.80 " W LONG.

ANTENNA ID: 15 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 16
 LOCATION: 5051 Le Gray Road, Kern, Arvin, CA
 35 ° 1 ' 25.70 " N LAT. 118 ° 55 ' 12.60 " W LONG.

ANTENNA ID: 16 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 17
 LOCATION: 8743 Mid Lake Rd, Oneida, Woodruff, WI
 45 ° 51 ' 17.50 " N LAT. 89 ° 39 ' 6.40 " W LONG.

ANTENNA ID: 17 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 18
 LOCATION: 3256 Penryn Road, Placer, Loomis, CA
 38 ° 49 ' 50.40 " N LAT. 121 ° 10 ' 14.60 " W LONG.

SITE ID: 31
 LOCATION: 6526 Dumont Ave, Orange, Orlando, FL
 28 ° 28 ' 0.70 " N LAT. 81 ° 22 ' 27.70 " W LONG.

ANTENNA ID: 31 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 32
 LOCATION: 24175 SE Hwy 450, Marion, Umatilla, FL
 28 ° 58 ' 32.10 " N LAT. 81 ° 45 ' 11.80 " W LONG.

ANTENNA ID: 32 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 33
 LOCATION: 1765 Block Road, Outagamie, Kaukauna, WI
 44 ° 14 ' 55.00 " N LAT. 88 ° 17 ' 57.10 " W LONG.

ANTENNA ID: 33 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 34
 LOCATION: 1819 Mitchell Ave, Eau Claire, Eau Claire, WI
 44 ° 46 ' 37.80 " N LAT. 91 ° 28 ' 28.90 " W LONG.

ANTENNA ID: 34 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 35
 LOCATION: 7800 Immanuel Road, Kendall, Yorkville, IL
 41 ° 36 ' 22.50 " N LAT. 88 ° 27 ' 13.80 " W LONG.

ANTENNA ID: 35 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 36
 LOCATION: 5050 Highway 13 W, Scott, Savage, MN
 44 ° 46 ' 58.60 " N LAT. 93 ° 20 ' 35.00 " W LONG.

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

SITE ID: 37
 LOCATION: 7575 Golden Valley Road, Suite 310, Hennepin, Golden Valley, MN
 44 ° 59 ' 9.00 " N LAT. 93 ° 22 ' 35.30 " W LONG.

SITE ID: 44
 LOCATION: 1358 Alpine Drive, Adams, Rome, WI
 44 ° 13 ' 22.80 " N LAT. 89 ° 49 ' 46.70 " W LONG.

ANTENNA ID: 44 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 45
 LOCATION: W223 N3251 Shady Lane, Waukesha, Pewaukee, WI
 43 ° 4 ' 37.20 " N LAT. 88 ° 11 ' 29.30 " W LONG.

ANTENNA ID: 45 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 46
 LOCATION: 100 John St, Providence, Cumberland, RI
 41 ° 54 ' 21.20 " N LAT. 71 ° 23 ' 56.30 " W LONG.

ANTENNA ID: 46 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 47
 LOCATION: 60 Country Club Road, Lincoln, Boothbay, ME
 43 ° 52 ' 45.30 " N LAT. 69 ° 37 ' 33.00 " W LONG.

ANTENNA ID: 47 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 48
 LOCATION: Skyline Drive, Bergen, Wanaque, NJ
 41 ° 3 ' 28.30 " N LAT. 74 ° 14 ' 59.00 " W LONG.

ANTENNA ID: 48 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 49
 LOCATION: 5000 Chase St, Lake, Gary, IN
 41 ° 31 ' 40.70 " N LAT. 87 ° 22 ' 34.20 " W LONG.

ANTENNA ID: 49 3.7 meters DH Satellite 3.7m
 3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

SITE ID: 50
 LOCATION: 369 N Pemberton Rd, Burlington, Pemberton, NJ
 39 ° 59 ' 49.70 " N LAT. 74 ° 43 ' 14.90 " W LONG.

ANTENNA ID:	50	3.7 meters	DH Satellite	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio
SITE ID:	51			
LOCATION:	3910 N Lakeland Road, Ozaukee, Saukville, WI			
	43 ° 25 ' 11.80 " N LAT.			87 ° 59 ' 38.70 " W LONG.
ANTENNA ID:	51	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio
SITE ID:	52			
LOCATION:	282 Foss Hill Road, Penobscot, Garland, ME			
	45 ° 3 ' 24.10 " N LAT.			69 ° 11 ' 26.80 " W LONG.
ANTENNA ID:	52	3.7 meters	DH Satellite	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio
SITE ID:	53			
LOCATION:	18 Eagles Nest Rd, Cumberland, Gray, ME			
	43 ° 51 ' 6.10 " N LAT.			70 ° 19 ' 38.70 " W LONG.
ANTENNA ID:	53	3.7 meters	DH Satellite	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio
SITE ID:	54			
LOCATION:	E4165 Eau Claire River Road, Marathon, Aniwa, WI			
	44 ° 59 ' 50.00 " N LAT.			89 ° 22 ' 7.50 " W LONG.
ANTENNA ID:	54	3.7 meters	DH Satellite	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio
SITE ID:	55			
LOCATION:	329 Ingraham Mountain Road, Kennebec, Augusta, ME			
	44 ° 21 ' 7.00 " N LAT.			69 ° 39 ' 28.60 " W LONG.
ANTENNA ID:	55	3.7 meters	DH Satellite	3.7m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio

Points of Communication:

- 1 - PERMITTED LIST - ()
- 10 - PERMITTED LIST - ()
- 11 - PERMITTED LIST - ()
- 12 - PERMITTED LIST - ()

13 - PERMITTED LIST - ()
14 - PERMITTED LIST - ()
15 - PERMITTED LIST - ()
16 - PERMITTED LIST - ()
17 - PERMITTED LIST - ()
18 - PERMITTED LIST - ()
19 - PERMITTED LIST - ()
2 - PERMITTED LIST - ()
20 - PERMITTED LIST - ()
21 - PERMITTED LIST - ()
22 - PERMITTED LIST - ()
23 - PERMITTED LIST - ()
24 - PERMITTED LIST - ()
25 - PERMITTED LIST - ()
26 - PERMITTED LIST - ()
27 - PERMITTED LIST - ()
28 - PERMITTED LIST - ()
29 - PERMITTED LIST - ()
3 - PERMITTED LIST - ()
30 - PERMITTED LIST - ()
31 - PERMITTED LIST - ()
32 - PERMITTED LIST - ()
33 - PERMITTED LIST - ()
34 - PERMITTED LIST - ()
35 - PERMITTED LIST - ()
36 - PERMITTED LIST - ()
37 - PERMITTED LIST - ()
38 - PERMITTED LIST - ()
39 - PERMITTED LIST - ()
4 - PERMITTED LIST - ()

- 40 - PERMITTED LIST - ()
- 41 - PERMITTED LIST - ()
- 42 - PERMITTED LIST - ()
- 43 - PERMITTED LIST - ()
- 44 - PERMITTED LIST - ()
- 45 - PERMITTED LIST - ()
- 46 - PERMITTED LIST - ()
- 47 - PERMITTED LIST - ()
- 48 - PERMITTED LIST - ()
- 49 - PERMITTED LIST - ()
- 5 - PERMITTED LIST - ()
- 50 - PERMITTED LIST - ()
- 51 - PERMITTED LIST - ()
- 52 - PERMITTED LIST - ()
- 53 - PERMITTED LIST - ()
- 54 - PERMITTED LIST - ()
- 55 - PERMITTED LIST - ()
- 6 - PERMITTED LIST - ()
- 7 - PERMITTED LIST - ()
- 8 - PERMITTED LIST - ()
- 9 - PERMITTED LIST - ()

SES-REG-20181017-06707 E E201324 Pine Belt Broadcasting, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Grove Hill

LOCATION: 318 S Jackson St., Clarke, Grove Hill, AL

31 ° 41 ' 34.00 " N LAT.

87 ° 46 ' 46.00 " W LONG.

ANTENNA ID:	Grove H. 1	6.4 meters	Patriot/Challenger	NA
	3700.0000 - 4200.0000 MHz	0	0.00 dBW	TVRO
ANTENNA ID:	G.H. 2-6	3.7 meters	Prodelin	NA

3700.0000 - 4200.0000 MHz 0 0.00 dBW TVRO

Points of Communication:

Grove Hill - PERMITTED LIST - ()

SES-REG-20181017-06747 E E201373 Ozark Mountain Media Group, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 225 Vielyn, Taney, Branson, MO

36 ° 40 ' 2.40 " N LAT.

93 ° 15 ' 13.20 " W LONG.

ANTENNA ID: 3.7M 3.7 meters DH Satellite 3.7M

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-06784 E E201408 Scott Telecom and Electronics, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: STE - 1

LOCATION: 939 Red Hill Rd, Scott, Gate City, VA

36 ° 38 ' 32.37 " N LAT.

82 ° 34 ' 41.08 " W LONG.

ANTENNA ID: STE - 1 5 meters ATCI Simulsat 5

3700.0000 - 4200.0000 MHz 36M0G7W C band

Points of Communication:

STE - 1 - PERMITTED LIST - ()

SES-REG-20181017-06831 E E201449 Actualidad Key Largo FM Licensee, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WURN-FM SITE

LOCATION: 54400 S. Dixie Highway, MIAMI-DADE, HOMESTEAD, FL

25 ° 16 ' 1.00 " N LAT.

80 ° 26 ' 15.00 " W LONG.

ANTENNA ID: WURN-FM 3.8 meters DH 3.8

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

WURN-FM SITE - PERMITTED LIST - ()

SES-REG-20181017-06942 E E201557 Red Wolf Broadcasting

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Ledyard

LOCATION: 758 Colonel Ledyard Hwy, New London, Ledyard, CT

41 ° 26 ' 40.80 " N LAT.

72 ° 1 ' 2.40 " W LONG.

ANTENNA ID: Ant 2 3.8 meters Comtech 3.8M EL/AZ

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio Signals

Points of Communication:

Ledyard - PERMITTED LIST - ()

SES-REG-20181017-06962 E E201579 Sangre de Cristo Broadcasting Co. Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 304 South Grand Ave., San Miguel, Las Vegas, NM

35 ° 34 ' 46.80 " N LAT.

103 ° 13 ' 3.00 " W LONG.

ANTENNA ID: 4.0M 4 meters Comtech 4.0M

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-06995 E E201603 Telecinco Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WORA-Studio

LOCATION: 449 Gonzalez Clemente Ave Bo. Guanajibo, Mayaguez, PR

18 ° 10 ' 55.00 " N LAT.

67 ° 10 ' 7.50 " W LONG.

ANTENNA ID: 45DH8 4.5 meters DH Satellite Gibraltar

3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Video and Audio

ANTENNA ID: 37DH4 3.7 meters DH Satellite Gibraltar

3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Video and Audio

Points of Communication:

WORA-Studio - PERMITTED LIST - ()

SES-REG-20181017-07006 E E201614 Farris Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 117 S. Blackburn, McCulloch, Brady, TX

ANTENNA ID: 1 4.5 meters Unknown Unknown

3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181017-07011 E E201619 St. Charles Borromeo Catholic Church

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 196269

LOCATION: South Tarzian Lane, Monroe, Bloomington, IN

39 ° 9 ' 12.30 " N LAT.

86 ° 31 ' 1.20 " W LONG.

ANTENNA ID: S Tarzian 3.7 meters DH Satellite 37DH4

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW 8PSK 3/4 Digital Audio Signals

Points of Communication:

196269 - PERMITTED LIST - ()

SES-REG-20181017-07029 E E201637 Donze Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KSGM Studio
LOCATION: 21851 White Sands Rd., Ste. Genevieve, Ste. Genevieve, MO
37 ° 59 ' 35.80 " N LAT. 90 ° 3 ' 32.70 " W LONG.

ANTENNA ID: KSGM Main 3.07 meters Wineguard Perfect 10
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data subcarriers

Points of Communication:

KSGM Studio - PERMITTED LIST - ()

SES-REG-20181017-07032 E E201640 KNZA Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KNZA Studio
LOCATION: 1828 South Highway 73, Brown, Hiawatha, KS
39 ° 46 ' 23.00 " N LAT. 95 ° 31 ' 35.00 " W LONG.

ANTENNA ID: KTNC1 3 meters HARRIS DELTA GAIN
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW digital

SITE ID: KTNC Trans Site
LOCATION: 901-969 State Highway 8 Salem Road West City Limits Falls City, Richardson, Falls City, NE
40 ° 3 ' 57.00 " N LAT. 95 ° 36 ' 55.00 " W LONG.

Points of Communication:

KNZA Studio - AMC-18 (S2713) - (139 WL)

KTNC Trans Site - PERMITTED LIST - ()

SES-REG-20181017-07037 E E201645 Charles W Dowdy

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: McComb Studio
LOCATION: 206 N Front Street, Pike, McComb, MS
31 ° 14 ' 46.00 " N LAT. 90 ° 27 ' 8.00 " W LONG.

ANTENNA ID: ANT FRM 3.7 meters Prodelin 12FT
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Points of Communication:

McComb Studio - PERMITTED LIST - ()

SES-REG-20181017-07039 E E201647 Skyview Satellite Networks

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Scottsdale NOC

LOCATION: 14605 N AIRPORT DR STE 365 14605 N AIRPORT DR STE 365, Maricopa, SCOTTSDALE, AZ
33 ° 37 ' 2.50 " N LAT. 111 ° 55 ' 13.00 " W LONG.

ANTENNA ID: NOC1 3.7 meters DH Satellite 3.7 M AzEl
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QPSK DVB-S Video, Audio and Data

Points of Communication:

Scottsdale NOC - PERMITTED LIST - ()

SES-REG-20181017-07044 E E201652 Melco, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A

LOCATION: 695 WAYNE ROAD, Hardin, SAVANNAH, TN
35 ° 13 ' 40.21 " N LAT. 88 ° 14 ' 4.77 " W LONG.

ANTENNA ID: ANT-A 3 meters 4.6
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20181017-07050 E E201660 WS COMMUNICATIONS LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WS1

LOCATION: 2400 East Main Suite C, Montrose, Montrose, CO
38 ° 29 ' 16.92 " N LAT. 107 ° 50 ' 53.00 " W LONG.

ANTENNA ID: 1 4.5 meters
3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

WS1 - PERMITTED LIST - ()

SES-REG-20181017-07065 E E201670 Yeary Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WXLZ

LOCATION: 100 Wxlz Drive, Lebanon, VA

36 ° 53 ' 53.60 " N LAT.

82 ° 6 ' 23.80 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz

0.00 dBW

Points of Communication:

WXLZ - PERMITTED LIST - ()

SES-REG-20181017-07081 E E201683 KNZA Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KNZA Studio

LOCATION: 1828 South Highway 73, Brown, Hiawatha, KS

39 ° 46 ' 23.00 " N LAT.

95 ° 31 ' 35.00 " W LONG.

ANTENNA ID: KNZA1 6 meters American Antennas, Inc TVRO 3.0

3700.0000 - 4200.0000 MHz

SITE ID: KAIR Studio

LOCATION: 200 N. Fifth Street, Atchison, Atchison, KS

39 ° 33 ' 46.00 " N LAT.

95 ° 7 ' 7.00 " W LONG.

ANTENNA ID: KAIR1 3 meters American Antennas, Inc TVRO 3.0

3700.0000 - 4200.0000 MHz

Points of Communication:

KAIR Studio - AMC-18 (S2713) - (139 WL)

KNZA Studio - AMC-18 (S2713) - (139 WL)

SES-REG-20181018-06970 E E201588 Rebecca L. White

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WRLW - Etzler Drive
LOCATION: 725 Etzler Drive, Washington, Salem, IN
38 ° 36 ' 54.90 " N LAT. 86 ° 5 ' 7.90 " W LONG.

ANTENNA ID: ANT1 3.8 meters Comtech G2RC
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

WRLW - Etzler Drive - PERMITTED LIST - ()

SES-REG-20181018-07139 E E201728 North Cascades Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KOMW Sat Dish
LOCATION: 626 Okoma Drive, Okanogan, Omak, WA
48 ° 23 ' 57.10 " N LAT. 119 ° 31 ' 59.90 " W LONG.

ANTENNA ID: KOMW Dish 3.7 meters Prodelin 1374-1375
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Data

Points of Communication:

KOMW Sat Dish - PERMITTED LIST - ()

SES-REG-20181019-07155 E E201745 Southern Plains Cable, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Elgin
LOCATION: Comanche, Elgin, OK
34 ° 47 ' 56.98 " N LAT. 98 ° 17 ' 42.86 " W LONG.

ANTENNA ID: Elgin 3.8 meters Patriot Solid Commercial Ant
3700.0000 - 4200.0000 MHz 0 0.00 dBW Digital Signals

Points of Communication:

Elgin - PERMITTED LIST - ()

SES-REG-20181022-07158 E E201748 WUSB

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 250 John S. Toll Drive, Stony Brook
40 ° 54 ' 59.90 " N LAT. 73 ° 7 ' 27.60 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181023-05255 E E191627 Burt Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 501 S. Florida st, Otero, Alamogordo, NM
32 ° 53 ' 9.64 " N LAT. 105 ° 57 ' 6.76 " W LONG.

ANTENNA ID: 1 3.7 meters DH Antenna - Dawnco D-37F48-4PC-5.5

3700.0000 - 4200.0000 MHz

Points of Communication:

1 - AMC-15 (S2180) - (105.0 W.L.)

SES-REG-20181026-07206 E E201799 Bristol Broadcasting Co., Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Bristol Studios
LOCATION: 901 East Valley Drive, Bristol City, BRISTOL, VA
36 ° 36 ' 36.10 " N LAT. 82 ° 9 ' 24.00 " W LONG.

ANTENNA ID: Ant 1 4.5 meters AMERICAN ANTENNAS, INC TVRO- 4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

Bristol Studios - PERMITTED LIST - ()

SES-REG-20181029-07220 E E201813 Argent Communications, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Spofford Head End
LOCATION: Pine Crest Dr, Spofford, NH
42 ° 54 ' 41.68 " N LAT. 72 ° 25 ' 17.60 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz

Points of Communication:

Spofford Head End - PERMITTED LIST - ()

SES-REG-20181030-06452 E E201095 Jacksonville Area Radio Broadcasters Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2161 East Old State Road, Morgan, Jacksonville, IL
39 ° 44 ' 6.12 " N LAT. 90 ° 11 ' 50.36 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181030-06718 E E201335 Hoopeston Radio, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 912 S Dixie Hwy, Vermilion, Hoopeston, IL
40 ° 27 ' 28.66 " N LAT. 87 ° 41 ' 12.54 " W LONG.

ANTENNA ID: WHPO 3 meters Harris TVRO

3700.0000 - 4200.0000 MHz 36M0G7W Audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181030-06726 E E201344 PROCOMM SOLUTIONS, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1220 Fairington Circle, St. Joseph, South Bend, IN
41 ° 37 ' 25.30 " N LAT. 86 ° 13 ' 56.20 " W LONG.

ANTENNA ID: SBSite 1 3 meters Harris TVRO
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Audio and Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181030-07245 E E201838 Morris Broadcasting Company of New Jersey, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WiMG Studio
LOCATION: 1842 South Broad Street, Mercer, Trenton, NJ
40 ° 11 ' 57.30 " N LAT. 74 ° 43 ' 51.50 " W LONG.

ANTENNA ID: 1 4.5 meters unknown
3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

WiMG Studio - SES-11 (S2964) - (104.95 W.L)

SES-REG-20181031-06906 E E201521 GENESEE MEDIA CORPORATION

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Dansville
LOCATION: 195 Main Street, Livingston, Dansville, NY
42 ° 33 ' 40.10 " N LAT. 77 ° 41 ' 48.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters AMERICAN ANTENNAS, INC TVRO4.5
3700.0000 - 4000.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

Dansville - PERMITTED LIST - ()

SES-REG-20181031-07303 E E201898 WSJD Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 331 N. Market Street, Wabash, Mount Carmel, IL
38 ° 24 ' 33.00 " N LAT. 87 ° 45 ' 37.00 " W LONG.

ANTENNA ID: ANT-1

3700.0000 - 4200.0000 MHz

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181031-07305 E E201900 commZoom Assets, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: BanderaHE
LOCATION: 740 Houston St., Bandera, Bandera, TX
29 ° 44 ' 13.00 " N LAT. 99 ° 4 ' 46.70 " 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:

BanderaHE - PERMITTED LIST - ()

SES-REG-20181031-07309 E E201904 Yelcot Video Group, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Gassville Headend
LOCATION: 100 North School Street, Baxter, Gassville, AR
36 ° 17 ' 60.00 " N LAT. 92 ° 29 ' 44.00 " W LONG.

ANTENNA ID: A1 4.5 meters Superior Satellite 8345
3700.0000 - 4200.0000 MHz 6M00C7W 42.00 dBW Fequency Modulation

ANTENNA ID: A2 3.8 meters Superior Satellite Patriot

3700.0000 - 4200.0000 MHz	6M00C7W	42.00 dBW	Frequency Modulation
ANTENNA ID: A3	4.8 meters	Superior Satellite	Patriot
3700.0000 - 4200.0000 MHz	6M00C7W	42.00 dBW	Frequency Modulation
ANTENNA ID: A4	3.7 meters	Satcom	Series 1344
3700.0000 - 4200.0000 MHz	6M00C7W	42.00 dBW	Frequency Modulation

Points of Communication:

Gassville Headend - PERMITTED LIST - ()

SES-REG-20181031-07317 E E201912 Mahalo Multimedia, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KKOA-FM

LOCATION: 74-5605 Luhia Street, B - 7 74-5605 Luhia Street, B - 7, HI, Kailua Kona Kailua Ko, HI
 19 ° 38 ' 49.00 " N LAT. 155 ° 59 ' 50.20 " W LONG.

ANTENNA ID: KKOA-FM

3700.0000 - 4200.0000 MHz

Points of Communication:

KKOA-FM - PERMITTED LIST - ()

SES-REG-20181031-07363 E E201958 Beach Radio, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Xmitter site

LOCATION: 5334 Captain Fritz Road, Washington, Panama city, FL
 30 ° 26 ' 39.00 " N LAT. 85 ° 52 ' 38.00 " W LONG.

ANTENNA ID: ANT-1

3700.0000 - 4200.0000 MHz

Points of Communication:

Xmitter site - PERMITTED LIST - ()

SES-REG-20181031-07371 E E201966 Starrdak, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KDIX

LOCATION: 119 Second Avenue West, Dickinson, ND
46 ° 52 ' 50.30 " N LAT.

102 ° 47 ' 18.90 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz

0.00 dBW

Points of Communication:

KDIX - PERMITTED LIST - ()

SES-REG-20181101-07357 E E201952 CATHY KONOPNICKI (d/b/a WSK FAMILY TRUST)

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 72730

LOCATION: 391 W Deuce of Clubs, Showlow, AZ
34 ° 14 ' 49.00 " N LAT.

110 ° 2 ' 48.00 " W LONG.

ANTENNA ID: ANT01 3.8 meters Comtech 945-5353-15

3700.0000 - 4200.0000 MHz

36M0G7W

Points of Communication:

72730 - PERMITTED LIST - ()

SES-REG-20181102-05996 E E200689 Springcom Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 400 E Main St, Jackson, Springport, MI
42 ° 22 ' 41.00 " N LAT.

84 ° 41 ' 32.00 " W LONG.

ANTENNA ID: A 3.7 meters Eagle 3.7MPF

ANTENNA ID: B 3.8 meters Challenger 3.8MPF

3700.0000 - 4200.0000 MHz

0.00 dBW

ANTENNA ID: C 3.7 meters Prodelin 1383

ANTENNA ID: D 3.7 meters Eagle 3.7MPF

ANTENNA ID: E 3.6 meters Comtech 3.6MPF

ANTENNA ID: F 3.1 meters Patriot 3.1MPF

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181108-06911 E E201526 Craig A. and Patricia N. Lutz

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A

LOCATION: 3700 Golden Spur Street, Kern, Lake Isabella, CA

35 ° 37 ' 38.00 " N LAT.

118 ° 28 ' 10.00 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz

0.00 dBW

SITE ID: Site A

LOCATION: 3700 Golden Spur Street, Kern, Lake Isabella, CA

35 ° 37 ' 38.00 " N LAT.

118 ° 28 ' 10.00 " W LONG.

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20181207-06940 E E201555 My Town Media Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 412 N. Locust st. 412 N. Locust st., Crawford, Pittsburg, KS

37 ° 24 ' 42.40 " N LAT.

94 ° 42 ' 10.58 " W LONG.

ANTENNA ID: ANT 1 3.07 meters Prodelin na

3700.0000 - 4200.0000 MHz

30M0G7W

0.00 dBW

Digital Audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181207-07294 E E201889 My Town Media Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 5
LOCATION: 412 North Locust Street, Montgomery, Pittsburg, KS
37 ° 24 ' 42.70 " N LAT. 94 ° 42 ' 11.50 " W LONG.

ANTENNA ID: Ant.5 3.07 meters Prodelin na
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Audio

Points of Communication:

Site 5 - PERMITTED LIST - ()

SES-REG-20181207-07300 E E201895 My Town Media Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: site 6
LOCATION: 802 W. 1st st., Pratt, Pratt, KS
37 ° 38 ' 45.90 " N LAT. 98 ° 44 ' 55.10 " W LONG.

ANTENNA ID: Ant 6 3.07 meters Harris na
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Audio

Points of Communication:

site 6 - PERMITTED LIST - ()

SES-STA-20200520-00545 E KB34 Comsat, Inc.

Special Temporary Authority

Class of Station:

COMSAT, Inc. requests special temporary authority for a period of 180 days to operate its Santa Paula, CA Teleport 12.8-meter Hub antennas to communicate with the Inmarsat 3F1 satellite (I3F1) to support testing during drift of I3F1 on the following center frequencies: 1638.900 MHz, 1639.180 MHz, 1639.220 MHz, 6339.500 MHz, 6341.500 MHz, 6421.500 MHz, and 6423.500 MHz (Earth-to-space), and 1537.290 MHz, 1537.295 MHz, 3950.600 MHz (space-to-Earth).

Points of Communication:

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