



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02110

Wednesday October 31, 2018

Satellite Communications Services Information re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-AMD-20180615-01428 E E180464 South Florida Water Management District
Amendment
Grant of Authority Date Effective: 10/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3301 Gun Club Rd, Palm Beach, West Palm Beach, FL
26 ° 40 ' 35.09 " N LAT. 80 ° 5 ' 33.93 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH COM-3.8
3700.0000 - 4200.0000 MHz 10M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-ASG-20181025-03078 E E110139 CBS Radio East, LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 10/26/2018

Current Licensee: CBS Radio East, LLC

FROM: CBS Radio East, LLC

TO: Entercom License, LLC

No. of Station(s) listed: 1

SES-ASG-20181025-03079 E E7900 CBS Radio Texas, LLC
 Application for Consent to Assignment
 Grant of Authority Date Effective: 10/26/2018

Current Licensee: CBS Radio Texas, LLC
FROM: CBS Radio Texas, LLC
TO: Entercom License, LLC

No. of Station(s) listed: 1

SES-LIC-20180507-00525 E E180189 Intelsat License LLC
 Application for Authority 10/23/2018 - 10/23/2033
 Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: KAM Highway, Oahu, Paumalu, HI
 21 ° 40 ' 13.40 " N LAT. 158 ° 2 ' 5.70 " W LONG.

ANTENNA ID:	PAM-K10	13.1 meters	General Dynamics Satcom Technologies	13.1 KPC
	12920.0000 - 13250.0000 MHz	64K0G7W	84.00 dBW	Digital Data
	12920.0000 - 13250.0000 MHz	72M0G7W	84.00 dBW	Digital Data
	12920.0000 - 13250.0000 MHz	N0N	84.00 dBW	CW
	10700.0000 - 12750.0000 MHz	64K0G7W		Digital Data
	10700.0000 - 12750.0000 MHz	72M0G7W		Digital Data
	10700.0000 - 12750.0000 MHz	N0N		CW
	14000.0000 - 14500.0000 MHz	72M0G7W	84.00 dBW	Digital Data
	14000.0000 - 14500.0000 MHz	64K0G7W	61.30 dBW	Digital Data
	14000.0000 - 14500.0000 MHz	N0N	73.30 dBW	CW

Points of Communication:

1 - HORIZONS-3 (S2947) - (169 E.L.)

1 - PERMITTED LIST - ()

SES-LIC-20180828-02291 E E181424 State Farm Mutual Automobile Insurance Company, on behalf of itself, its subsidi
 Application for Authority 10/29/2018 - 10/29/2033
 Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 24400 West Valley Parkway, Johnson, Olathe, KS
38 ° 56 ' 27.70 " N LAT. 94 ° 52 ' 9.40 " W LONG.

ANTENNA ID: 6.3m 6.3 meters General Dynamics 6.3 meter
11700.0000 - 12200.0000 MHz 11M0G7W Digital Data Carrier
14000.0000 - 14500.0000 MHz 11M0G7W 71.50 dBW Digital Data Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20180829-02521 E E020256 Westar Satellite Services LP
Application for Authority 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 777 Westar Lane, Dallas, Cedar Hill, TX
32 ° 34 ' 42.00 " N LAT. 96 ° 58 ' 56.00 " W LONG.

ANTENNA ID: AC9 9.2 meters SATCOM 920CS
5925.0000 - 6425.0000 MHz 36M0G1F 76.60 dBW Digital TV
3700.0000 - 4200.0000 MHz 36M0G1F Digital TV

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20180831-02352 E E181470 NHK Japan Broadcasting Corporation
Application for Authority 10/23/2018 - 10/23/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION:

ANTENNA ID: 1 1.27 meters Sat-Lite Tehcnologies Model 1227 Avion
14000.0000 - 14500.0000 MHz 16M9D7W 65.30 dBW QPSK or APSK - DVB-S2 Video
14000.0000 - 14500.0000 MHz 17M7G7W 65.30 dBW QPSK Video and Data

SITE ID: 1
LOCATION: 777 Westar Lane, Dallas, Cedar Hill, TX
32 ° 34 ' 42.00 " N LAT. 96 ° 58 ' 56.00 " W LONG.

ANTENNA ID: 1 6.1 meters Vertex Communications C61KDFRL1
3700.0000 - 4200.0000 MHz 36M0G1F Digital TV
5925.0000 - 6425.0000 MHz 36M0G1F 63.59 dBW Digital TV

Points of Communication:

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

SES-MOD-20171002-01098 E E150004 Planet Labs Inc.
Application for Modification 09/30/2015 - 09/30/2030
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

SITE ID: Maddock
LOCATION: 5190 30th St. NE, Benson, Maddock, ND
47 ° 50 ' 38.70 " N LAT. 99 ° 28 ' 10.40 " W LONG.

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

Points of Communication:

Maddock - Planet Labs (S2912) - (NGSO)

SES-MOD-20180724-02563 E E180025 Scripps Broadcasting Holdings LLC
Application for Modification 02/16/2018 - 02/16/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2330 West Grand, Greene, Springfield, MO
37 ° 11 ' 47.70 " N LAT. 93 ° 19 ' 25.40 " W LONG.

ANTENNA ID: 1 3.8 meters Norsat Patriot
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier
ANTENNA ID: 2 3 meters HARRIS 3.0M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180731-02612 E E860252 Pacific and Southern, LLC
Application for Modification 03/28/2006 - 03/28/2021
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 11450 GANDY BLVD, PINELLAS, TAMPA, FL
27 ° 52 ' 14.00 " N LAT. 82 ° 36 ' 59.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION MODEL ESA45-4
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 2 7.3 meters ANDREW CORPORATION MODEL ESA73-46
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 3 5 meters DAWNCO D50FAE
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180430-00427 E E181503 Tyler Media L.L.C.
Registration 04/27/2018 - 04/27/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 14205 East 21st Street, Tulsa, Tulsa, OK
36 ° 8 ' 6.20 " N LAT. 95 ° 49 ' 8.20 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 136-750
3700.0000 - 4200.0000 MHz 36M0G7W Digital / Analog carrier : various FEC,
data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180507-00589 E E180233 University of West Florida
Registration 05/07/2018 - 05/07/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 221 Palafox Street Suite 410, Escambia, Pensacola, FL
30 ° 24 ' 36.00 " N LAT. 87 ° 12 ' 57.90 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnco D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW 0

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180512-00670 E E181501 Fox Broadcasting Company
Registration 05/12/2018 - 05/12/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 62990 O.B. Riley Road, Deschutes, Bend, OR
44 ° 5 ' 14.60 " N LAT. 121 ° 18 ' 27.70 " 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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180522-00885 E E180464 South Florida Water Management District
Registration 05/22/2018 - 05/22/2033
Grant of Authority Date Effective: 10/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

IBFS File No. SES-AMD-20180615-01428 amended this application to correct the satellite azimuth and elevation angle related to the satellite arc.

SITE ID: 1
LOCATION: 3301 Gun Club Rd, Palm Beach, West Palm Beach, FL
26 ° 40 ' 35.09 " N LAT. 80 ° 5 ' 33.93 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH COM-3.8
3700.0000 - 4200.0000 MHz 10M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180612-01411 E E180802 HTC Commications
Registration 06/11/2018 - 06/11/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 721 Russel Rd (Sheldon Headend), Sioux, Sheldon, IA
43 ° 11 ' 3.78 " N LAT. 95 ° 51 ' 47.19 " W LONG.

ANTENNA ID: 1 3.5 meters Patriot 3.5 meter
3700.0000 - 4200.0000 MHz 36M0G7W00 0.00 dBW Video Programing

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180612-01438 E E180822 VCY America Inc
Registration 06/12/2018 - 06/12/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 25874 Irondale Drive, Monroe, Tomah, WI
43 ° 54 ' 21.70 " N LAT. 90 ° 28 ' 27.70 " W LONG.

ANTENNA ID: DH1 3.9 meters Design Home 39
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180618-01711 E E181023 E-Communications, LLC
Registration 06/18/2018 - 06/18/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 600 US Hwy 63 North (WWO), Oregon, Thayer, MO
36 ° 33 ' 23.00 " N LAT. 91 ° 33 ' 5.00 " W LONG.

ANTENNA ID: HarrisDish 4.5 meters Harris 4.5M.
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 2
LOCATION: 600 US Hwy 63 North (SMN), Oregon, Thayer, MO
36 ° 33 ' 23.00 " N LAT. 91 ° 33 ' 5.00 " W LONG.

ANTENNA ID: PatriotAnt 4.5 meters Patriot PRT310AZ
3700.0000 - 4200.0000 MHz 36M0G7W NULL

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20180621-01817 E E181087 City of Lakes Media, Inc.
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1371 Lair Road, Martin, Fairmont, MN
43 ° 34 ' 46.24 " N LAT. 94 ° 29 ' 23.14 " W LONG.

ANTENNA ID: 1 2.8 meters Scientific Atlanta Series 9000
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QSPK Modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01834 E E181102 SINCLAIR BAKERSFIELD LICENSEE, LLC
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1901 Westwind Drive, Kern, Bakersfield, CA
35 ° 22 ' 36.10 " N LAT. 119 ° 2 ' 35.10 " W LONG.

ANTENNA ID: 7.3M. 7.3 meters Andrew Corporation ESA73-46
3700.0000 - 4200.0000 MHz 36M0G7W Digital various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01836 E E181106 MINNESOTA VALLEY BROADCASTING COMPANY
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 59346 Madison Ave, Blue Earth, Mankato, MN
44 ° 10 ' 1.51 " N LAT. 93 ° 54 ' 36.96 " W LONG.

ANTENNA ID: Mankato 2.8 meters Scientific Atlanta Series 9000
3700.0000 - 4200.0000 MHz 36M0G7W QPSK Modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01837 E E181107 KMHL BROADCASTING COMPANY.
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 59346 Madison Ave, Blue Earth, Mankato, MN
44 ° 26 ' 58.23 " N LAT. 95 ° 45 ' 46.60 " W LONG.

ANTENNA ID: 1 2.8 meters Scientific Atlanta Series 9000
3700.0000 - 4200.0000 MHz 36M0G7W QPSK Modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01841 E E181113 Rob Ingstad Licenses, LLC
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE1
LOCATION: 529 5th Ave Suite 200, Fairbanks North Star, Fairbanks, AK
64 ° 50 ' 31.30 " N LAT. 147 ° 42 ' 57.80 " W LONG.

ANTENNA ID: ANT1 3.8 meters Patriot Antenna Systems PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W Digital audio and video signals

Points of Communication:

SITE1 - PERMITTED LIST - ()

SES-REG-20180625-01822 E E181090 Time Warner Cable Texas LLC
Registration 06/25/2018 - 06/25/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 100 Rutherford St, Calhoun, Port O'Connor, TX
28 ° 26 ' 26.90 " N LAT. 96 ° 26 ' 34.90 " W LONG.

ANTENNA ID: 1 5 meters ATCi Simulsat 5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 2 5 meters Scientific-Atlanta 8008B
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 3 4.6 meters Andrew ESA46

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01826	E E181094	Charter Communications Operating, LLC	
Registration			06/25/2018 - 06/25/2033
Grant of Authority			Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 316 E Morehead St, Mecklenburg, Charlotte, NC
35 ° 13 ' 6.10 " N LAT. 80 ° 51 ' 0.40 " W LONG.

ANTENNA ID: 1	5 meters ATCi	Simulsat 5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 2	5 meters Scientific-Atlanta	8008B

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01827	E E181095	Charter Communications Operating, LLC	06/25/2018 - 06/25/2033
Registration			Date Effective: 10/30/2018
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2505 Atlantic Ave, Wake, Raleigh, NC
35 ° 48 ' 56.00 " N LAT. 78 ° 37 ' 5.10 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01828 E E181096 Time Warner Cable Texas LLC
 Registration 06/25/2018 - 06/25/2033
 Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1565 Chenault St, Dallas, Dallas, TX
32 ° 48 ' 12.30 " N LAT.

96 ° 41 ' 19.30 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01829 E E181097 Charter Communications Operating, LLC

Registration

06/25/2018 - 06/25/2033

Grant of Authority

Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 815 Erie Blvd E, Onondaga, Syracuse, NY
43 ° 3 ' 3.70 " N LAT.

76 ° 8 ' 22.70 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01830 E E181098 Charter Communications Operating, LLC

Registration

06/25/2018 - 06/25/2033

Grant of Authority

Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6555 Winchester Ave, Jackson, Kansas City, MO

39 ° 0 ' 22.80 " N LAT.

94 ° 30 ' 27.30 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01831 E E181099 Charter Communications Operating, LLC
 Registration 06/25/2018 - 06/25/2033
 Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 12012 N Mopac Expy, Travis, Austin, TX
 30 ° 24 ' 38.50 " N LAT.

97 ° 42 ' 51.60 " W LONG.

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

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180627-01820 E E181088 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KS 003

LOCATION: 1101 North Rd., Coffey, Burlington, KS

38 ° 12 ' 17.80 " N LAT.

95 ° 44 ' 11.00 " W LONG.

ANTENNA ID: ANT 1 3.8 meters Patriot Commercial Antenna

3700.0000 - 4200.0000 MHz

36M0G7D

Video

Points of Communication:

KS 003 - PERMITTED LIST - ()

SES-REG-20180627-01825 E E181093 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4919 South 800 East Rd. (IN 015), Starke, Knox, IN

41 ° 13 ' 57.20 " N LAT.

86 ° 32 ' 40.20 " W LONG.

ANTENNA ID: ANT 1 3.8 meters DH Gibraltar

3700.0000 - 4200.0000 MHz

36M0G7D

Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180705-01821 E E181089 The Fingerlakes Radio Group, Inc.
Registration 06/22/2018 - 06/22/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3568 Lenox Road, Ontario, Geneva, NY
42 ° 51 ' 36.00 " N LAT. 77 ° 0 ' 56.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters DH 3.7 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180713-02395 E E181514 News-Press TV, LLC
Registration 07/13/2018 - 07/13/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 825 Edmond St, Buchanan, St. Joseph, MO
39 ° 45 ' 58.00 " N LAT. 94 ° 50 ' 59.70 " W LONG.

ANTENNA ID: 1 4.5 meters DH GIB45M-DP
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA
ANTENNA ID: 2 4.5 meters DH GIB45M-DP
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180713-02405 E E181524 Miller Communications, Inc.
Registration 07/13/2018 - 07/13/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 918 East Park Street, Christian, Taylorville, IL
39 ° 33 ' 6.70 " N LAT. 89 ° 17 ' 5.10 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific Atlanta 8345
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data/Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180713-02406 E E181525 Kaskaskia Broadcasting, Inc.
Registration 07/13/2018 - 07/13/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2980 US Highway 51, DeWitt, Clinton, IL
40 ° 5 ' 43.50 " N LAT. 88 ° 57 ' 53.10 " W LONG.

ANTENNA ID: 1 4.5 meters Patriot 4.5 m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data/Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180716-02398 E E181517 CONCEPT COMMUNICATION CORP
Registration 07/16/2018 - 07/16/2033
Grant of Authority Date Effective: 10/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Stadium Drive, Pend Oreille, Newport, WA
48 ° 10 ' 50.00 " N LAT. 117 ° 4 ' 5.20 " W LONG.

ANTENNA ID: 1 5 meters Scientific Atlanta 8008 Earth Station
3700.0000 - 4200.0000 MHz 36M0G7W Standard video with associated audio sub-carriers

ANTENNA ID: 2 3.8 meters Patriot 380
3700.0000 - 4200.0000 MHz 36M0G7W Digital video various FEC and various data rates

ANTENNA ID: 3 2.8 meters Scientific Atlanta 9000
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, various FEC, and Various data rates

ANTENNA ID: 4 3.2 meters Scientific Atlanta 9000
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, various FEC, and various data rates

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180716-02401 E E181520 Intelsat License LLC

Registration

07/13/2018 - 07/13/2033

Grant of Authority

Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

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

33 ° 39 ' 52.00 " N LAT.

84 ° 16 ' 12.00 " W LONG.

ANTENNA ID:	1	6.1 meters	Viasat	8060
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	2	6.1 meters	Viasat	8060
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	6 meters	Weston	6.0C
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	4	6.1 meters	Viasat	8060
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	5	6.1 meters	Viasat	8060
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	6	6.1 meters	Viasat	8060
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

ANTENNA ID: 7	6.1 meters	Viasat	8060
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 8	3.7 meters	Patriot	PRT-370
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 9	2.4 meters	Patriot	PRT-240
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 10	3.7 meters	Patriot	PRT-370
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 11	7 meters	ATCI	Simulsat
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 12	6.1 meters	Vertex	6.1KPC
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 13	4.5 meters	Andrew	ES45-1
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 14	4.5 meters	Vertex	4.5KPC
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

Registration

07/13/2018 - 07/13/2033

Grant of Authority

Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 17625 Technology Blvd, Washington, Hagerstown, MD
39 ° 36 ' 0.00 " N LAT.

77 ° 45 ' 36.00 " W LONG.

ANTENNA ID: 1	4.5 meters	SSE	8342
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 2	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 3	4.5 meters	SSE	8342
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 4	4.5 meters	SSE	8342
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 5	4.5 meters	SSE	8342
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 6	4.5 meters	SSE	8342
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID: 7	4.5 meters	SSE	8342
3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

ANTENNA ID:	8	4.5 meters	SSE	8342
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	9	4.5 meters	SSE	8342
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	10	4.5 meters	SSE	8342
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180716-02404	E	E181523	Intelsat License LLC	
Registration				07/13/2018 - 07/13/2033
Grant of Authority				Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 22401 Juniper Flats Rd, Riverside, Nuevo, CA
33 ° 47 ' 45.00 " N LAT. 117 ° 5 ' 15.00 " W LONG.

ANTENNA ID:	1	3.7 meters	GDSatcom	3.7KPC
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	2	4 meters	Patriot	PRT-400
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	4 meters	Patriot	PRT-400
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

ANTENNA ID:	4	4 meters	Patriot	PRT-400
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	5	6.3 meters	Patriot	PRT-630DAKP
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	6	4.5 meters	Patriot	PRT-450
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	7	5 meters	ATCI	Simulsat
	3700.0000 - 4200.0000 MHz		64K0G7W	Digital Video and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02396 E E181515 Hansen Broadcasting
 Registration 07/17/2018 - 07/17/2033
 Grant of Authority Date Effective: 10/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 200 West Wellington Street, Carthage, TX
 32 ° 9 ' 19.40 " N LAT. 94 ° 20 ' 24.20 " W LONG.

ANTENNA ID:	1	3.7 meters	DH	3.7M
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02399 E E181518 Bible Broadcasting Network, Inc.
 Registration 07/17/2018 - 07/17/2033
 Grant of Authority Date Effective: 10/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 901 Pine Ridge Dr., Lexington, Pine Ridge, SC
33 ° 54 ' 33.70 " N LAT. 81 ° 5 ' 53.80 " W LONG.

ANTENNA ID: 1 3 meters Channel Master 6346-6969
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02407 E E181526 Bible Broadcasting Network, Inc.
Registration 07/17/2018 - 07/17/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1714 Tower Avenue, Randolph, High Point, NC
35 ° 55 ' 10.10 " N LAT. 80 ° 1 ' 46.90 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 3.8 Meter
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02408 E E181527 Bible Broadcasting Network, Inc.
Registration 07/17/2018 - 07/17/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6310 Cliffdale Road, Cumberland, Fayetteville, NC
35 ° 3 ' 35.10 " N LAT. 78 ° 59 ' 21.80 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304-990
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02410 E E181529 Bible Broadcasting Network, Inc.
Registration 07/17/2018 - 07/17/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1124 SW 6th Ave, Marion, Ocala, FL
29 ° 10 ' 37.70 " N LAT. 82 ° 8 ' 40.90 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304-990
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02412 E E181531 Bible Broadcasting Network, Inc.
Registration 07/17/2018 - 07/17/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10870 Dorchester, Dorchester, Summerville, SC
32 ° 58 ' 24.80 " N LAT. 80 ° 13 ' 45.20 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 3.8 Meter
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02413 E E181532 Bible Broadcasting Network, Inc.
Registration 07/17/2018 - 07/17/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 6719 Dewitt Dr., Polk, Lakeland, FL
27 ° 56 ' 35.30 " N LAT. 81 ° 54 ' 45.70 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304-990

SITE ID: 1
LOCATION: 9010 320th St. South, Pierce, Roy, WA
46 ° 57 ' 56.60 " N LAT. 122 ° 33 ' 1.30 " W LONG.

ANTENNA ID: 1 3 meters Sami 3.0 QSL
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

SES-REG-20180718-02545 E E181653 Redwood Empire Stereocasters
Registration 07/18/2018 - 07/18/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3392 Mendocino Ave., Sonoma, Santa Rosa, CA
38 ° 28 ' 18.60 " N LAT. 122 ° 43 ' 24.90 " W LONG.

ANTENNA ID: 1 3 meters Paraclipse Eclipse
3700.0000 - 4200.0000 MHz 36M0G7W Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02389 E E181509 Salem Communications Holding Corporation
Registration 07/19/2018 - 07/19/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 9960 Corporate Campus Drive, Suite 3600, Jefferson, LOUISVILLE, KY
38 ° 15 ' 54.60 " N LAT. 85 ° 34 ' 9.90 " W LONG.

ANTENNA ID: 1 3.3 meters D&H D37F48-8PC
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02400 E E181519 Delta Media Corp.

Registration

07/19/2018 - 07/19/2033

Grant of Authority

Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3501 NW Evangeline Thwy, Lafayette, Carencro, LA

30 ° 18 ' 27.30 " N LAT.

92 ° 1 ' 49.00 " W LONG.

ANTENNA ID: 1	3.8 meters	Patriot Antenna Systems	Patriot
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID: 2	3.8 meters	Patriot Antenna Systems	Patriot
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID: 3	3.8 meters	Patriot Antenna Systems	Patriot
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID: 4	3.8 meters	Patriot Antenna Systems	Patriot
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID: 5	3.1 meters	Patriot Antenna Systems	Patriot
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180720-02568 E E181633 VCY America Inc

Registration

07/20/2018 - 07/20/2033

Grant of Authority

Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2 North Judson, Bourbon, Ft. Scott, KS

37 ° 50 ' 31.65 " N LAT.

94 ° 42 ' 32.17 " W LONG.

ANTENNA ID: 1	3.9 meters	Design Home	39
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3700.0000 - 4200.0000 MHz

30M0G7W

Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180722-02550 E E181622 VCY America Inc

Registration

07/22/2018 - 07/22/2033

Grant of Authority

Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1365 Murphy's Run Road, Harrison, Bridgeport, WV

39 ° 18 ' 0.16 " N LAT.

80 ° 17 ' 29.47 " W LONG.

ANTENNA ID: 1

3.9 meters

Design Home

39

3700.0000 - 4200.0000 MHz

30M0G7W

Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180722-02570 E E181635 VCY America Inc

Registration

07/22/2018 - 07/22/2033

Grant of Authority

Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 9252 Gratiot Road SE #2, Licking, Newark, OH

39 ° 57 ' 36.98 " N LAT.

82 ° 12 ' 59.42 " W LONG.

ANTENNA ID: 1

3.9 meters

Design Home

39

3700.0000 - 4200.0000 MHz

30M0G7W

Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180723-02557 E E181626 Ting Fiber, Inc.

Registration

07/23/2018 - 07/23/2033

Grant of Authority

Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7700 S Wheeling Ct, Arapahoe, Englewood, CO
39 ° 34 ' 37.50 " N LAT. 104 ° 49 ' 53.90 " W LONG.

ANTENNA ID: 1 5 meters ATCI Simulsat 5
3700.0000 - 4200.0000 MHz 36M0G7W Digial Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180723-02564 E E181629 Central Wisconsin Broadcasting Inc
Registration 07/23/2018 - 07/23/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1201 E Division Street, Clark, Neillsville, WI
44 ° 33 ' 11.00 " N LAT. 90 ° 34 ' 48.00 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot Az-EI
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QSPK modulation, digital audio and video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180723-02565 E E181630 Rocky Mountain Public Media, Inc.
Registration 07/23/2018 - 07/23/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Mt. Baldy, Summit, Breckenridge, CO
39 ° 27 ' 35.00 " N LAT. 105 ° 58 ' 46.00 " W LONG.

ANTENNA ID: 1 3.7 meters General Dynamics 1374
3716.8500 - 3716.8500 MHz 230KG7W 19.00 dBW Digital, QPSK, 1/2 FEC, 192 kbps

Points of Communication:

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

SES-REG-20180723-02566 E E181631 Ting Fiber, Inc.
Registration 07/23/2018 - 07/23/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 155 Treatment Plant Rd, Wake, Holly Springs, NC
35 ° 38 ' 46.80 " N LAT. 78 ° 50 ' 54.60 " W LONG.

ANTENNA ID: 1 5 meters ATCI SIMULSAT 5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180724-02402 E E181521 Scripps Broadcasting Holdings LLC
Registration 07/24/2018 - 07/24/2033
Grant of Authority Date Effective: 10/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1533 Amherst Rd., Knox, Knoxville, TN
35 ° 57 ' 21.90 " N LAT. 84 ° 0 ' 58.50 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374-540
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180724-02409 E E181528 Sander Operating Co. III LLC
Registration 07/19/2018 - 07/19/2033
Grant of Authority Date Effective: 10/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1501 SW Jefferson Street, Multnomah, Portland, OR
45 ° 31 ' 4.80 " N LAT. 122 ° 41 ' 20.80 " W LONG.

ANTENNA ID: 1 4.2 meters DH Satellite DH 4.2M

3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO
ANTENNA ID: 2	4.2 meters	DH Satellite	DH 4.2
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO
ANTENNA ID: 3	5 meters	Patrot Anrtenna Systems	PRT-500
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO
ANTENNA ID: 4	4.5 meters	DH Satellite	DH 4.5
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO
ANTENNA ID: 5	3.1 meters	Patriot Antenna Systems	PRT-310
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO
ANTENNA ID: 6	3.8 meters	Patriot Antenna Systems	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO
ANTENNA ID: 7	3.8 meters	Comtech	C38F-2C
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO
ANTENNA ID: 8	4.2 meters	DH Satellite	DH 4.2
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180724-02555	E E181625	OMG FCC Licenses LLC	
Registration			07/24/2018 - 07/24/2033
Grant of Authority			Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 285 SW Main Ct Suite 200, Clatsop, Warrenton, OR
46 ° 9 ' 47.40 " N LAT. 123 ° 55 ' 37.10 " W LONG.

ANTENNA ID: 1	3.8 meters	Comtech	8290G2RC
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Data/Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180724-02567 E E181632 Kevin Page (d/b/a WMRS Radio)
Registration 07/24/2018 - 07/24/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 132 N.Main Street WMRS RAIDO, White, MONTICELLO, IN
40 ° 44 ' 45.51 " N LAT. 86 ° 45 ' 43.53 " W LONG.

ANTENNA ID: 1 3.7 meters DawnCo D37
3700.0000 - 4200.0000 MHz 2M45G7W Digital Satellite Programs

Points of Communication:

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

SES-REG-20180724-02576 E E181641 Scripps Broadcasting Holdings LLC
Registration 07/24/2018 - 07/24/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4200 N. Old Lawrence Road, Sedgwick, Wichita, KS
37 ° 45 ' 45.10 " N LAT. 97 ° 20 ' 4.80 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnco D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180725-01988 E E181231 ELLIS COMMUNICATIONS KDOC LICENSEE, LLC
Registration 07/25/2018 - 07/25/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 625 N Grand Ave, Orange, Santa Ana, CA
33 ° 45 ' 7.00 " N LAT. 117 ° 51 ' 5.00 " W LONG.

SITE ID: 1
LOCATION: 1030 Southwind Drive, Geary County, Junction City, KS
39 ° 0 ' 46.90 " N LAT. 96 ° 51 ' 49.20 " W LONG.

ANTENNA ID: 1 3.8 meters SCIENTIFIC ATLANTA 9000
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data / Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02578 E E181643 Eagle Communications, Inc.
Registration 07/27/2018 - 07/27/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1825 S Ohio Street, Saline County, Salina, KS
38 ° 48 ' 40.90 " N LAT. 97 ° 35 ' 36.30 " W LONG.

ANTENNA ID: 1 3 meters HARRIS CORP 5115 (3.0 M)
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data / Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02579 E E181644 Eagle Communications, Inc.
Registration 07/27/2018 - 07/27/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1301 E 4th Street, Lincoln County, North Platte, NE
41 ° 8 ' 5.70 " N LAT. 100 ° 44 ' 52.70 " W LONG.

ANTENNA ID: 1 3.8 meters PATRIOT ANTENNA SYSTEMS PRT-380 (3.8 M)
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data / Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02580 E E181645 Eagle Communications, Inc.
Registration 07/27/2018 - 07/27/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1210 W 10th Street, Box Butte County, Alliance, NE
42 ° 6 ' 17.20 " N LAT. 102 ° 53 ' 11.50 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 3.8 METER
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data / Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02581 E E181646 Eagle Communications, Inc.
Registration 07/27/2018 - 07/27/2033
Grant of Authority Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4104 Country Lane, Buchanan County, St Joseph, MO
39 ° 46 ' 45.40 " N LAT. 94 ° 47 ' 35.90 " W LONG.

ANTENNA ID: 1 3.8 meters PATRIOT ANTENNA SYSTEMS PRT-380 (3.8 M)
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data / Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02582 E E181647 Eagle Communications, Inc.
Registration 07/27/2018 - 07/27/2033
Grant of Authority Date Effective: 10/24/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1200 Baker St, Barton County, Great Bend, KS
38 ° 21 ' 49.00 " N LAT. 98 ° 45 ' 42.20 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 3.8 METER

SES-REG-20180727-02620 E E181679 Mid-West Management, Inc.
Registration 07/27/2018 - 07/27/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 730 Ray O Vac Drive, Dane, Madison, WI
43 ° 2 ' 56.10 " N LAT. 89 ° 29 ' 34.40 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 3.8M PF
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02599 E E181660 Graham Media Group, Florida, Inc.
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4 Broadcast Place, Duval, Jacksonville, FL
30 ° 18 ' 47.60 " N LAT. 81 ° 38 ' 56.60 " W LONG.

ANTENNA ID: 1 7 meters SATCOM 7M
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

ANTENNA ID: 2 4.2 meters EASIsat 4.2M
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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02604 E E181665 HRN BROADCASTING, INC.
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1366 Startown Road, Lincoln, Lincolnton, NC

35 ° 29 ' 37.45 " N LAT.

81 ° 15 ' 56.11 " W LONG.

ANTENNA ID: 1 3.7 meters Viking Satcon, Inc. VS-370PFAE

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Modulation and Services Broadcast
Audio Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02608 E E181670 Educational Media Foundation

Registration

07/30/2018 - 07/30/2033

Grant of Authority

Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Weathervane Dr & Video Rd, Los Angeles, Mt Wilson, CA

34 ° 13 ' 35.10 " N LAT.

118 ° 3 ' 59.50 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 30K0G7W Digital various FEC, data rates and
modulation

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

3700.0000 - 4200.0000 MHz 30K0F3W Digital / Analog carrier : various FEC,
data rates and modulation

3700.0000 - 4200.0000 MHz 36M0F3W Digital / Analog carrier : various FEC,
data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02609 E E181671 Allen Holdings, Inc. d/b/a Allen Communications

Registration

07/30/2018 - 07/30/2033

Grant of Authority

Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10813 El Arco Drive, Los Angeles, Whittier, CA
33 ° 56 ' 7.90 " N LAT. 117 ° 59 ' 47.70 " W LONG.

ANTENNA ID: 1 3 meters Orbitron 3.0
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02613 E E181673 Holladay Broadcasting of Louisiana
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 93351 Overseas Highway, Monroe, Tavernier, FL
25 ° 1 ' 36.00 " N LAT. 80 ° 30 ' 29.00 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnco D37F48
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and data for radio station program and netclosures/RDS PAD data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02614 E E181674 Holladay Broadcasting of Louisiana
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 830 Crane BLVD, Monroe, Sugarloaf Key, FL
24 ° 40 ' 5.60 " N LAT. 81 ° 31 ' 54.50 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnco D37F48
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and data for radio station program and netclosures/RDS PAD data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02616 E E181676 WTOL License Subsidiary, LLC
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 730 N Summit St., Lucas, Toledo, OH
41 ° 39 ' 18.70 " N LAT. 83 ° 31 ' 44.10 " W LONG.

ANTENNA ID: 1 4.5 meters SSE 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02617 E E181677 ONE MINISTRIES, INC.
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2240 Professional Drive, Sonoma, Santa Rosa, CA
38 ° 27 ' 42.50 " N LAT. 122 ° 43 ' 27.60 " W LONG.

ANTENNA ID: 1 3 meters DAWNCo 3.0
3700.0000 - 4200.0000 MHz 36M0G7W Digital various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 30K0G7W Digital various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 36M0F3W Digital / Analog carrier : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 30K0F3W Digital / Analog carrier : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02619 E E181678 ONE MINISTRIES, INC.
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3178 Calistoga, Sonoma, Santa Rosa, CA
38 ° 32 ' 2.50 " N LAT.

122 ° 38 ' 54.00 " W LONG.

ANTENNA ID:	1	3 meters	DAWNCo	3.0
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G7W	Digital various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F3W	Digital / Analog carrier : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0F3W	Digital / Analog carrier : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180730-02623 E E181683 WJAG Incorporated
Registration 07/30/2018 - 07/30/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: P.O. Box 789 309 Braasch Avenue, Madison, Norfolk, NE
42 ° 2 ' 2.30 " N LAT.

97 ° 24 ' 39.50 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02585 E E181650 Comcast Cable Communications Management, LLC
Registration 07/18/2018 - 07/18/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 109 E. Main Street, Robertson, Adams, TN
36 ° 34 ' 52.00 " N LAT. 87 ° 3 ' 58.00 " W LONG.

ANTENNA ID: 1 2 meters WINE GARD 2 METER
3700.0000 - 4200.0000 MHz 36M0F8W Digital Video Carrier

SITE ID: 2
LOCATION: 109 E. Main Street, Robertson, Adams, TN
36 ° 34 ' 52.00 " N LAT. 87 ° 4 ' 0.00 " W LONG.

ANTENNA ID: 2 3.5 meters Patriot PRT-386
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

ANTENNA ID: 3 3.4 meters Patriot 380
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

ANTENNA ID: 4 2 meters Wine Gard 2 meter
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20180731-02595 E E181656 WVUE License Subsidiary, LLC
Registration 07/31/2018 - 07/31/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 605 Magistrate St, St Bernard Parish, Chalmette, LA
29 ° 57 ' 16.70 " N LAT. 89 ° 56 ' 59.30 " W LONG.

ANTENNA ID: 1 4.5 meters EASi 4.5
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02600 E E181661 Comcast Cable Communications Management, LLC
Registration 07/18/2018 - 07/18/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 133 W. Norris Street, Johnson, Adrian, GA
32 ° 31 ' 31.60 " N LAT. 82 ° 35 ' 28.60 " W LONG.

ANTENNA ID: 1 3 meters Scientific Atlanta 3 Meter
3700.0000 - 4200.0000 MHz 36M0F8W Digital Video Carrier

SITE ID: 2
LOCATION: 133 W. Norris Street, Johnson, Adrian, GA
32 ° 31 ' 31.70 " N LAT. 82 ° 35 ' 28.90 " W LONG.

ANTENNA ID: 2 3 meters Scientific Atlanta 3 METER
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 3
LOCATION: 133 W. Norris Street, Johnson, Adrian, GA
32 ° 31 ' 32.00 " N LAT. 82 ° 35 ' 28.80 " W LONG.

ANTENNA ID: 3 3 meters Scientific Atlanta 3 meter
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 4
LOCATION: 133 W. Norris Street, Johnson, Adrian, GA
32 ° 31 ' 32.30 " N LAT. 82 ° 35 ' 29.60 " W LONG.

ANTENNA ID: 4 6 meters Scientific Atlanta 6 meter
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 5
LOCATION: 133 W. Norris Street, Johnson, Adrian, GA
32 ° 31 ' 31.80 " N LAT. 82 ° 35 ' 29.30 " W LONG.

ANTENNA ID: 5 3 meters Scientific Atlanta 3 Meter
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

3 - PERMITTED LIST - ()

4 - PERMITTED LIST - ()

5 - PERMITTED LIST - ()

SES-REG-20180731-02605 E E181667 World Television of Washington, LLC
Registration 07/26/2018 - 07/26/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4164 Meridan St., WHATCOM, BELLINGHAM, WA
48 ° 47 ' 31.30 " N LAT. 122 ° 29 ' 0.40 " W LONG.

ANTENNA ID: 1 3.4 meters DH Satellite 34DH1
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02621 E E181681 WUSA-TV, Inc
Registration 07/31/2018 - 07/31/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4100 Wisconsin Ave NW, Washington, DC
38 ° 56 ' 32.60 " N LAT. 77 ° 4 ' 41.00 " W LONG.

ANTENNA ID: 1 7 meters RSA SATCOM 700CS
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 4.5 meters ASC SIGNAL CORPORATION ES45-1
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02622 E E181682 WUSA-TV, Inc
Registration 07/31/2018 - 07/31/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4100 Wisconsin Ave NW, Washington, DC
38 ° 57 ' 1.40 " N LAT. 77 ° 4 ' 45.90 " W LONG.

ANTENNA ID: 1 4.5 meters ASC SIGNAL CORPORATION ES45-1
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02625 E E181685 VCY America Inc
Registration 07/31/2018 - 07/31/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1121 Historic US 6, Poweshiek, Malcom, IA
41 ° 43 ' 55.00 " N LAT. 92 ° 34 ' 1.85 " W LONG.

ANTENNA ID: 1 3.9 meters Design Home 39
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180731-02626 E E181686 VCY America Inc
Registration 07/31/2018 - 07/31/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 12660 W. Beloit, Waukesha, New Berlin, WI
42 ° 57 ' 49.49 " N LAT. 88 ° 4 ' 22.43 " W LONG.

ANTENNA ID: 1 3.9 meters Design Home 39
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180801-02679 E E181724 CableCo, LLC
Registration 08/01/2018 - 08/01/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4676 Graneros Rd, Pueblo, Colorado City, CO
37 ° 55 ' 48.00 " N LAT. 104 ° 49 ' 42.00 " W LONG.

ANTENNA ID: 1 3.7 meters EAGLE 37EA1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 3.8 meters PATRIOT 38PA1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180802-02678 E E181723 KANZA Society Inc. DBA High Plains Public Radio
Registration 08/02/2018 - 08/02/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3MI-S US HWY 283, Graham, Hill City, KS
39 ° 15 ' 57.00 " N LAT. 99 ° 50 ' 1.00 " W LONG.

ANTENNA ID: 1 3.8 meters Comtec 934D0015-G2
3700.0000 - 4200.0000 MHz 76K8G7W 0.00 dBW Digital data, various FEC, data rates, modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180806-02676 E E181721 KRTV Communications, LLC
Registration 08/06/2018 - 08/06/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 100 West Lyndale Avenue, Lewis and Clark, Helena, MT
 46 ° 35 ' 55.50 " N LAT. 112 ° 2 ' 9.70 " W LONG.

ANTENNA ID:	1	3.2 meters	Prime Focus	Mesh 10
	3700.0000 - 4200.0000 MHz		36M0G7F 0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	2	3.2 meters	Prime Focus	Mesh 10
	3700.0000 - 4200.0000 MHz		36M0G7F 0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	3	5.4 meters	Unknown	PR16
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video, audio and data
ANTENNA ID:	4	4 meters	Unknown	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7F 0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	5	2.6 meters	Andrew	T2-MO5E
	3700.0000 - 4200.0000 MHz		36M0G7F 0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	6	3.2 meters	DH Satellite	Gibraltar
	3700.0000 - 4200.0000 MHz		36M0G7F 0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	7	3 meters	Prodelin	1304
	3700.0000 - 4200.0000 MHz		36M0G7F 0.00 dBW	Digital Video Audio and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180806-02677 E E181722 Royal Broadcasting, Inc.
 Registration 08/06/2018 - 08/06/2033
 Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1106 Elm Street, Warren, Front Royal, VA
 38 ° 54 ' 31.00 " N LAT. 78 ° 10 ' 37.00 " W LONG.

ANTENNA ID:	1	3.7 meters	DH Satellite	37DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Modulation and Services Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180806-02681 E E181726 Salt & Light Media Ministries, Inc.
Registration 08/06/2018 - 08/06/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 101 Armory Blvd, Union, Lewisburg, PA
40 ° 56 ' 40.43 " N LAT. 76 ° 52 ' 43.87 " W LONG.

ANTENNA ID: 1 3 meters General Dynamics C-Band Rx/o Circular
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW C Band audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180808-02680 E E181725 KXLF Communications, LLC
Registration 08/08/2018 - 08/08/2033
Grant of Authority Date Effective: 10/29/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1003 South Montana, Silver Bow, Butte, MT
46 ° 0 ' 6.70 " N LAT. 112 ° 32 ' 25.10 " W LONG.

ANTENNA ID: 1 7.3 meters Andrew Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Audio and Data

ANTENNA ID: 2 4.5 meters Andrew Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Audio and Data

ANTENNA ID: 3 4.5 meters Andrew Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Audio and Data

ANTENNA ID: 4 4.5 meters Andrew Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Audio and Data

ANTENNA ID: 5 3.9 meters D&H Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Audio and Data

ANTENNA ID:	6	3.9 meters	D&H	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Audio and Data
ANTENNA ID:	7	3.9 meters	D&H	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Audio and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180808-02682	E	E181727	Hall Communications, Inc.	
Registration				08/08/2018 - 08/08/2033
Grant of Authority				Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 70 Joy Drive, Chittenden, South Burlington, VT
 44 ° 27 ' 2.20 " N LAT. 73 ° 11 ' 51.60 " W LONG.

ANTENNA ID:	1	3.7 meters	DH	3.7 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Audio
ANTENNA ID:	2	3.8 meters	Comtech	3.8 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180814-02501	E	E181607	Hearst Properties Inc.	
Registration				08/14/2018 - 08/14/2033
Grant of Authority				Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 310 NW 134th Avenue (KCCI tower), Polk, Allman, IA
 41 ° 48 ' 29.20 " S LAT. 93 ° 37 ' 16.30 " W LONG.

ANTENNA ID:	CBS BU-1	7 meters	Scientific Atlanta	7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	
				Digital video, audio, data
ANTENNA ID:	Dish 1	4.5 meters	AFC	4.5 meter

SES-REG-20180823-02688 E E181732 Cox Radio, Inc.
Registration 08/23/2018 - 08/23/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2714 N 29TH AVENUE, HOLLYWOOD, FL
26 ° 2 ' 7.30 " N LAT. 80 ° 9 ' 55.10 " W LONG.

ANTENNA ID: 1 5 meters COMTECH 5.0M
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO AUDIO AND DATA

ANTENNA ID: 2 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO AUDIO AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180823-02689 E E181735 WPXI, LLC
Registration 08/23/2018 - 08/23/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4145 Evergreen Road, Allegheny, Pittsburgh, PA
40 ° 29 ' 45.30 " N LAT. 80 ° 0 ' 34.70 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew ES45MPJ-1
3700.0000 - 4200.0000 MHz 36M0F8W Analog and digital video, audio, and data

ANTENNA ID: 2 7.3 meters Andrew ES73-1
3700.0000 - 4200.0000 MHz 36M0F8W Analog and digital video, audio, and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180824-02686 E E181730 Prairie Winds Broadcasting, Inc.
Registration 08/24/2018 - 08/24/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3304 S. HWY. 281, Brown, Aberdeen, SD
45 ° 25 ' 27.06 " N LAT. 98 ° 31 ' 2.27 " W LONG.

ANTENNA ID: 1 3.7 meters DAWN Co #D37748-4PC
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW
ANTENNA ID: 2 3.8 meters Comtech 3.8 meter dual axis
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and video signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180921-02900 E E181840 Serestar Communications Corporation
Registration
Withdrawn Date Effective: 10/25/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KCSO
LOCATION: 500 Media Pl, Sacramento, Sacramento, CA
38 ° 36 ' 3.35 " N LAT. 121 ° 27 ' 16.90 " W LONG.

Points of Communication:

SES-RWL-20180911-02593 E E030292 Bradley University
Renewal 11/07/2018 - 11/07/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 1501 WEST BRADLEY AVENUE (WCBU-FM), PEORIA, PEORIA, IL
40 ° 41 ' 57.00 " N LAT. 89 ° 37 ' 1.50 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180920-02773 E E030206 Production & Satellite Services, Inc.
Renewal 11/12/2018 - 11/12/2033
Grant of Authority Date Effective: 10/26/2018

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	2.4 meters	VERTEX/RSI	2.4 DMK
	14000.0000 - 14500.0000 MHz	3M00G7W -	63.60 dBW	DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	14000.0000 - 14500.0000 MHz	36M0G7W	71.80 dBW	DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	14000.0000 - 14500.0000 MHz	36M0F8W	74.20 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	11700.0000 - 12200.0000 MHz	3M00G7W -		DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - GALAXY 26 - (93 W.L.)

1 - PERMITTED LIST - ()

SES-RWL-20180927-02886 E E930260 Linder Farm Network, Inc.
Renewal 10/29/2018 - 10/29/2033
Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

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

SITE ID: 1
LOCATION: 255 CEDARDALE DRIVE, Steele, Owatonna, MN
44 ° 3 ' 36.00 " N LAT. 93 ° 13 ' 18.00 " W LONG.

ANTENNA ID:	1	2.4 meters	PRODELIN	1246
	14000.0000 - 14500.0000 MHz	128KG7W	50.17 dBW	QPSK MULTIPLEXED AUDIO AND DATA

SITE ID: 1
 LOCATION: 7235 W. TITAN ROAD, DOUGLAS, TITAN (#7), CO
 39 ° 30 ' 51.00 " N LAT. 105 ° 1 ' 31.00 " W LONG.

ANTENNA ID:	1	9.1 meters	SCIENTIFIC ATLANTA	8009A-1
	5925.0000 - 6425.0000 MHz		36M0F1W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0F2W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0F3W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0F7W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0F8W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0F9W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0FXW	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0G1W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0F2W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0G3W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0G7W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0G8W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0G9W	86.10 dBW
	5925.0000 - 6425.0000 MHz		36M0GXW	86.10 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20181016-03073 E E030257 Eastern Kentucky University
 Renewal 10/28/2018 - 10/28/2033
 Grant of Authority Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 102 PERKINS BLD., 521 LANCASTER AVE. (WEKU-FM), MADISON, RICHMOND, KY
 37 ° 43 ' 53.50 " N LAT. 84 ° 18 ' 9.40 " W LONG.

ANTENNA ID:	3.7	3.7 meters	PRODELIN CORPORATION	136-750
	3700.0000 - 4200.0000 MHz		10M3G7W	DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz

30K0F1D

DIGITAL BROADCAST AUDIO
CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20181024-03074 E WB92 Armstrong Utilities, Inc.

Renewal

11/18/2018 - 11/18/2033

Grant of Authority

Date Effective: 10/30/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: ASHLAND, ASHLAND, OH

40 ° 50 ' 45.00 " N LAT.

82 ° 20 ' 50.00 " W LONG.

ANTENNA ID: 1

5 meters

SCIENTIFIC ATLANTA

MODEL 8008A

3700.0000 - 4200.0000 MHz

36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20181010-03058 E E140121 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/26/2018

Class of Station:

On October 26, 2018, Intelsat License LLC was granted special temporary authority, for 30 days beginning October 26, 2018, to operate its fixed earth station in Mountainside, MD to provide telemetry, tracking and command (TT&C) services for the Intelsat 9 (S2380) satellite as it drifts from the 29.5° W.L. orbital location to the 66.15° E.L orbital location on center frequencies 14.0005 GHz and 14.4945 GHz (Earth-to-space), and 11.7005 GHz and 11.702 GHz (space-to-Earth).

Points of Communication:

SES-STA-20181023-03077 E HARRIS CORPORATION

Special Temporary Authority

Grant of Authority

Date Effective: 10/26/2018

Class of Station:

On October 22, 2018, Harris Corporation was granted emergency special temporary authority for 30 days, beginning October 22, 2018, to operate a 2.4-meter Patriot antenna at the Tyndall AFB, FL with the SES 12 satellite at the 87° W.L. orbital location in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands. This action was taken to support Hurricane Michael recovery efforts.

Points of Communication:

SES-T/C-20181025-03080 E E030078 Entercom License, LLC

Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 10/26/2018

Current Licensee: Entercom License, LLC

FROM: Entercom Radio, LLC

TO: CBS Radio Stations Inc.

No. of Station(s) listed: 1

SES-T/C-20181025-03081 E E960293 Entercom License, LLC

Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 10/26/2018

Current Licensee: Entercom License, LLC

FROM: Entercom Radio, LLC

TO: CBS Radio Stations Inc.

No. of Station(s) listed: 1

SURRENDER

SES-RWL-20031124-01707 E930283 WSYX Licensee, Inc.

License surrendered by letter filed on October 30, 2018.

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