

3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters	DH Satellite	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters	Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters	Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters	Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 11	5 meters	ATCI	SIMULSAT
3700.0000 - 4200.0000 MHz	36M0G7W		Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20200129-00095 E E200373 Carolina Christian Broadcasting, Inc.
 Application for Authority 03/17/2020 - 03/17/2035
 Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Taylors
 LOCATION: 3409 Rutherford Rd, Greenville, Taylors, SC
 34 ° 54 ' 53.30 " N LAT. 82 ° 19 ' 34.50 " W LONG.

ANTENNA ID: 6.3m	6.3 meters	Vertex	6.3 meter
5925.0000 - 5929.0000 MHz	3M25G7W	68.00 dBW	Digital Data Carrier
6020.0000 - 6047.0000 MHz	3M25G7W	68.00 dBW	Digital Data Carrier
6139.0000 - 6210.0000 MHz	3M25G7W	68.00 dBW	Digital Data Carrier
6272.0000 - 6299.0000 MHz	3M25G7W	68.00 dBW	Digital Data Carrier

6331.0000 - 6425.0000 MHz	3M25G7W	68.00 dBW	Digital Data Carrier
6079.0000 - 6107.0000 MHz	3M25G7W	68.00 dBW	Digital Data Carrier

Points of Communication:

Taylors - GALAXY 19 (S2647) - (97 W.L.)

Taylors - PERMITTED LIST - ()

SES-MOD-20180730-02618 E E170210 Cox Radio, Inc.
 Application for Modification 12/12/2017 - 12/12/2032
 Grant of Authority Date Effective: 03/18/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 11300 FOURTH STREET NORTH, PINELLAS, ST. PETERSBURG, FL
 27 ° 52 ' 31.30 " N LAT. 82 ° 38 ' 23.50 " W LONG.

ANTENNA ID: 1	3 meters	ANDREW	3 METER
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	DIGITAL VIDEO AUDIO AND DATA
ANTENNA ID: 2	3 meters	ANDREW	ES30
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AUDIO AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02240 E E181392 CCO SoCal I, LLC.
 Registration 07/17/2018 - 07/17/2033
 Grant of Authority Date Effective: 03/18/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1152 W Henderson Ave, Tulare, Porterville, CA
 36 ° 4 ' 52.60 " N LAT. 119 ° 2 ' 35.60 " W LONG.

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

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181004-04821	E E191192	Broadco of Texas, Inc.	
Registration			10/04/2018 - 10/04/2033
Grant of Authority			Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1421 Great Plains Boulevard, Suite C (KMGZ Studio), Commanche, Lawton, OK
34 ° 37 ' 25.20 " N LAT. 98 ° 28 ' 6.20 " W LONG.

ANTENNA ID:	SA 9000	2.8 meters	Scientific Atlanta	SA 9000 2.8 meter
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Modulation and Services Analog Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05031	E	E191409	KAZT, L.L.C.	
Registration				10/09/2018 - 10/09/2033
Grant of Authority				Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3211 Tower Road (KAZT Prescott), Yavapai, Prescott, AZ
34 ° 36 ' 14.50 " N LAT. 112 ° 27 ' 33.20 " W LONG.

ANTENNA ID:	2-4	4.5 meters	Superior Satellite	Navigator 45-111RSVY
	3700.0000 - 4200.0000 MHz		36M0G7D	Video

ANTENNA ID:	1	6.1 meters	Vertex	6.1 KXC
	3700.0000 - 4200.0000 MHz		36M0G7D 0.00 dBW	Video

ANTENNA ID:	6-8	3.8 meters	Patriot	Prime Focus
	3700.0000 - 4200.0000 MHz		36M0G7D 0.00 dBW	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05034	E	E191412	Moundridge Telephone Co.	
Registration				10/09/2018 - 10/09/2033
Grant of Authority				Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 109 N Christian Ave, McPherson, Moundridge, KS
38 ° 12 ' 12.19 " N LAT. 97 ° 31 ' 9.99 " W LONG.

ANTENNA ID:	1	3.7 meters	Superior Satellite Engineers	MBF
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Video

Points of Communication:

1 - PERMITTED LIST - ()

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

SES-REG-20181009-05079 E E191457 AC Holdings, Inc.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2800 N Terminal Rd, Harris, Houston, TX

29 ° 59 ' 16.30 " N LAT.

95 ° 20 ' 0.80 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot PRT-310

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05080 E E191458 AC Holdings, Inc.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 94-00 Ditmars Blvd., Queens, Queens, NY

40 ° 46 ' 18.50 " N LAT.

73 ° 51 ' 56.40 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot PRT-310

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05085 E E191463 AC Holdings, Inc.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Van Wyck and JFK Expressway, Queens, Jamaica, NY
40 ° 38 ' 23.70 " N LAT. 73 ° 46 ' 53.90 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05086 E E191464 AC Holdings, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Van Wyck and JFK Expressway, Queens, Jamaica, NY
40 ° 38 ' 33.10 " N LAT. 73 ° 47 ' 25.30 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05088 E E191466 AC Holdings, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4300 Glumack Drive, Hennepin, St. Paul, MN
44 ° 52 ' 59.60 " N LAT. 93 ° 12 ' 49.10 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW DVB-S2/AVC Video Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05153 E E191534 BFI Licenses, LLC
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 652 Glenbrook Rd, Fairfield, Stamford, CT
41 ° 4 ' 33.40 " N LAT. 73 ° 31 ' 12.00 " W LONG.

ANTENNA ID: RO 3 4.5 meters Scientific Atlanta 4.5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05159 E E191540 Wood Broadcasting, Inc.
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 104 Z Country Lane, Smith, Carthage, TN
36 ° 14 ' 42.00 " N LAT. 85 ° 56 ' 44.00 " W LONG.

ANTENNA ID: Ant1 4.5 meters American Antennas Tyro-4.5
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Vidow signals

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181010-05160 E E191541 Chippewa Valley cable Inc.
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: W7589 Komro Ln (CVCHeadend), Pepin, Arkansaw, WI
44 ° 39 ' 35.00 " N LAT. 92 ° 1 ' 40.00 " W LONG.

ANTENNA ID: Headend A 3.7 meters Prodelin Series 1374

SITE ID: Site 1
LOCATION: 10319 FM 902, Collinsville, Grayson, Collinsville, TX
33 ° 33 ' 36.97 " N LAT. 96 ° 57 ' 35.47 " W LONG.

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

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181011-05423 E E200128 KAAL-TV, LLC
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/20/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAAL-AUSTIN
LOCATION: 1701 10TH PLACE NE, MOWER, AUSTIN, MN
43 ° 40 ' 32.40 " N LAT. 92 ° 57 ' 9.30 " W LONG.

ANTENNA ID: KAAL AUSTI 5 meters AFC 5.0/PR-16
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO, AUDIO, DATA

Points of Communication:

KAAL-AUSTIN - PERMITTED LIST - ()

SES-REG-20181011-05426 E E200131 Results Broadcasting, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 03/20/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WTCH / WOWN
LOCATION: 1456 E. Green Bay Street, Shawano, Shawano, WI
44 ° 46 ' 52.60 " N LAT. 88 ° 33 ' 59.18 " W LONG.

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

Points of Communication:

WTCH / WOWN - PERMITTED LIST - ()

SES-REG-20181011-05427 E E200132 Bond Broadcasting, Inc
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/20/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Greenville
LOCATION: 1463 Hunter School Road, Bond, Greenville, IL
38 ° 48 ' 11.00 " N LAT. 89 ° 20 ' 56.00 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1385
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

Greenville - PERMITTED LIST - ()

SES-REG-20181011-05433 E E200138 Cedarvision
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/20/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 104 W. Centre St., Cedar, Hartington, NE
42 ° 37 ' 15.11 " N LAT. 97 ° 15 ' 54.59 " W LONG.

ANTENNA ID: Site 1 3.8 meters Patriot Commercial 3.8
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video and associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181011-05436 E E200141 WCBI-TV, LLC
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 03/20/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WCBI Studio
LOCATION: 201 5th Street South, Mississippi, COLUMBUS, MS
33 ° 29 ' 37.64 " N LAT. 88 ° 25 ' 39.46 " W LONG.

ANTENNA ID:	ANT12345	4.5 meters	DH	DH-HDP-4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data, Audio or Video
ANTENNA ID:	ANT56	3.8 meters	COMTECH	C38F
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data, Audio or Video
ANTENNA ID:	ANT7	3.7 meters	AFC	3.7/PR-12
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data, Audio or Video

Points of Communication:

WCBI Studio - PERMITTED LIST - ()

SES-REG-20181011-05437	E	E200142	KAAL-TV, LLC	10/09/2018 - 10/09/2033
Registration				Date Effective: 03/20/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAAL-AUSTIN
 LOCATION: 1701 10TH PLACE NE, MOWER, AUSTIN, MN
 43 ° 40 ' 32.10 " N LAT. 92 ° 57 ' 8.60 " W LONG.

ANTENNA ID:	KAAL AUSTI	3.7 meters	MIRALITE	370
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				DIGITAL VIDEO, AUDIO, DATA

Points of Communication:

KAAL-AUSTIN - PERMITTED LIST - ()

SES-REG-20181011-05438	E	E200143	Alabama Broadcasting Partners	10/11/2018 - 10/11/2033
Registration				Date Effective: 03/20/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Studio Address
 LOCATION: 3251 Harrison Road, Montgomery, Montgomery, AL
 32 ° 22 ' 4.10 " N LAT. 86 ° 15 ' 42.00 " W LONG.

ANTENNA ID:	Ant 1	4.5 meters	Patriot	45MC
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	Ant 2	3.7 meters	Patriot	37MC

3700.0000 - 4200.0000 MHz

36M0G7F

Digital Data

Points of Communication:

Studio Address - PERMITTED LIST - ()

SES-REG-20181012-05452 E E200157 HS PRODUCTIONS, INC.

Registration

Date Effective:

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: sat-1 site

LOCATION: 5945 Hwy 27, Chattooga, summerville, GA

34 ° 28 ' 7.00 " N LAT.

85 ° 17 ' 52.00 " W LONG.

ANTENNA ID: D37F48

3.7 meters

DAWNCO

D37F48

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

DIGITAL AUDIO CONTENT WITH
VARYING DATA RATES

Points of Communication:

sat-1 site - PERMITTED LIST - ()

SES-REG-20181012-05458 E E200162 Walton Stations-NM, Inc

Registration

10/12/2018 - 10/12/2033

Grant of Authority

Date Effective: 03/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1096 Mechem Drive, Lincoln, Ruidoso, NM

33 ° 21 ' 33.00 " N LAT.

105 ° 39 ' 49.20 " W LONG.

ANTENNA ID: 1

3.8 meters

DH

3.8

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Audio and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05485 E E200191 Morgan County Broadcasting

Registration

10/12/2018 - 10/12/2033

Grant of Authority

Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1251 East Morton Avenue 331 Fulton Suite 1200, Mogan, Jacksonville, IL
39 ° 43 ' 22.00 " N LAT. 90 ° 11 ' 47.60 " W LONG.

ANTENNA ID: 1 3.7 meters DawnCo D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181012-05486 E E200192 White Communications, L.L.C.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1390 West 11th, Cloud, Concordia, KS
39 ° 33 ' 57.90 " N LAT. 97 ° 41 ' 6.10 " W LONG.

ANTENNA ID: ANT 1 3.65 meters General Antenna TVRO-3.65
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital audio and control signals

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181012-05488 E E200194 Co-Mo Comm, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 29868 Highway 5, Moniteau, Tipton, MO
38 ° 39 ' 20.00 " N LAT. 92 ° 46 ' 48.00 " W LONG.

ANTENNA ID: Dish 1-6 4.5 meters ViaSat 8345
3700.0000 - 4200.0000 MHz 30M0G7W Digital and Analog Video with associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181012-05491 E E200196 JDK BROADCASTING LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 60047
LOCATION: 136 W 2nd St, United States, Winnemucca, NV
40 ° 58 ' 24.70 " N LAT. 117 ° 44 ' 16.60 " W LONG.

ANTENNA ID: 3.7M 3.7 meters DawnCo D37F48
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QPSK

Points of Communication:

60047 - AMC-18 (S2713) - (139 WL)

SES-REG-20181012-05550 E E200254 Redwood Television Partners LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KIEM Studio
LOCATION: 5650 South Broadway St, Humboldt, Eureka, CA
40 ° 44 ' 31.60 " N LAT. 124 ° 12 ' 0.40 " W LONG.

ANTENNA ID: Dish #5 3.7 meters AFC PR12/4
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO CONTENT WITH VARYING DATA RATES

Points of Communication:

KIEM Studio - PERMITTED LIST - ()

SES-REG-20181012-05553 E E200257 MW SpringMo, Inc.
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2453 EAST ELM, GREENE, SPRINGFIELD, MO
37 ° 12 ' 16.90 " N LAT. 93 ° 14 ' 48.40 " W LONG.

ANTENNA ID: ANT1 3.7 meters Viking Satcom VIK-P370FAE

3700.0000 - 4200.0000 MHz

36M0G7W

Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05554 E E200258 Momentum Broadcasting LP

Registration

10/12/2018 - 10/12/2033

Grant of Authority

Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Momentum 1

LOCATION: 700 E Mineral King Ave, Tulare, Visalia, CA

36 ° 19 ' 41.25 " N LAT.

119 ° 17 ' 7.92 " W LONG.

ANTENNA ID: Dish 1

3.7 meters

Dawnco

D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz

30M0G7W

0.00 dBW

Modulation and Services Analog Video
with associated subcarriers

Points of Communication:

Momentum 1 - PERMITTED LIST - ()

SES-REG-20181012-05557 E E200260 Service Electric Cable TV, Inc.

Registration

10/12/2018 - 10/12/2033

Grant of Authority

Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1829 Savercool Ave, Lehigh, Bethlehem, PA

40 ° 35 ' 54.00 " N LAT.

75 ° 25 ' 14.00 " W LONG.

ANTENNA ID: Savcool

4.5 meters

D&H

45DH8

3700.0000 - 4200.0000 MHz

36M0G7W

Modulation and Service Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05563 E E200266 Houston Christian Broadcasters, Inc.

Registration

10/12/2018 - 10/12/2033

Grant of Authority

Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1285 Private Road 2027, Burleson, Caldwell, TX
30 ° 35 ' 58.00 " N LAT. 96 ° 38 ' 33.00 " W LONG.

ANTENNA ID: Caldwell 3 meters Prodelin 1304
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181013-05611 E E200313 Brewer Broadcasting of Chattanooga, Inc
Registration 10/13/2018 - 10/13/2033
Grant of Authority Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WJTT Studio
LOCATION: 1305 Carter Street, Hamilton, Chattanooga, TN
35 ° 2 ' 26.30 " N LAT. 85 ° 18 ' 53.80 " W LONG.

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

Points of Communication:

WJTT Studio - PERMITTED LIST - ()

SES-REG-20181013-05613 E E200315 Rugby Broadcasters, Incorporated
Registration 10/13/2018 - 10/13/2033
Grant of Authority Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KZZJ Studio
LOCATION: US Rt 2, Pierce, Rugby, ND
48 ° 21 ' 15.00 " N LAT. 99 ° 59 ' 32.00 " W LONG.

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

Points of Communication:

KZZJ Studio - PERMITTED LIST - ()

SES-REG-20181013-05616 E E200318 Team Radio LLC
Registration 10/13/2018 - 10/13/2033
Grant of Authority Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KLOR Studio
LOCATION: 1025 East Tower Rd, Kay, Ponca City, OK
36 ° 46 ' 59.80 " N LAT. 97 ° 4 ' 16.40 " W LONG.

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

Points of Communication:

KLOR Studio - PERMITTED LIST - ()

SES-REG-20181013-05617 E E200319 Fiorini Broadcasting, LLC
Registration 10/13/2018 - 10/13/2033
Grant of Authority Date Effective: 03/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WFLN Arcadia
LOCATION: 201 Asbury Street, Desoto, Arcadia, FL
27 ° 13 ' 47.87 " N LAT. 81 ° 51 ' 21.39 " W LONG.

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

Points of Communication:

WFLN Arcadia - PERMITTED LIST - ()

SES-REG-20181014-05634 E E200336 Channel 3 TV Company LLC
Registration
Date Effective:

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

SITE ID: Morgan County
LOCATION: 11001 County Road C, Morgan, Hoyt, CO
40 ° 2 ' 1.00 " N LAT. 103 ° 56 ' 17.00 " W LONG.

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 104 Tuscaloosa Road, Lowndes, Columbus, MS
33 ° 30 ' 47.50 " N LAT.

88 ° 23 ' 36.00 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Patriot 3.8

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-04811 E E191182 Western Illinois Broadcasting, Inc

Registration

09/07/2018 - 09/07/2033

Grant of Authority

Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2104 SE Third, Mercer, Aledo, IL
41 ° 11 ' 56.30 " N LAT.

90 ° 43 ' 28.80 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Design Homes 3.7 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05701 E E200390 The University of Montana

Registration

10/15/2018 - 10/15/2033

Grant of Authority

Date Effective: 03/18/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 900 Kookoosint Trail (K219BM Lone Pine), USA, Kalispell, MT
48 ° 10 ' 33.40 " N LAT.

114 ° 20 ' 59.30 " W LONG.

ANTENNA ID: ANT1 3.7 meters DAWNco D37P-MD

3700.0000 - 4200.0000 MHz 30K0F1D 0.00 dBW Digital Audio Carrier

3700.0000 - 4200.0000 MHz 10M3G7W 0.00 dBW Digital Audio Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05706 E E200395 James G Boles Jr
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 03/18/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 1111 16th Street NW, Childress, Childress, TX
34 ° 26 ' 20.00 " N LAT.

100 ° 13 ' 10.00 " W LONG.

ANTENNA ID: Ant 1 3.7 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW DIGITAL

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-04818 E E191189 Classic Cable of Louisiana LLC
Registration 06/20/2018 - 06/20/2033
Grant of Authority Date Effective: 03/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 900 Aaron Street, Vernon, Leesville, LA
31 ° 8 ' 3.30 " N LAT.

93 ° 17 ' 19.00 " W LONG.

ANTENNA ID: 3.5 3.5 meters Andrew 3.5 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200227-00203 E E050078 SES Americom, Inc.
Renewal 04/27/2020 - 04/27/2035
Grant of Authority Date Effective: 03/19/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SSBHarris

LOCATION: 58-350 Kamehameha Hwy. Comsat Road, Kooluloa, Haleiwa, HI
21 ° 40 ' 16.00 " N LAT.

158 ° 1 ' 56.00 " W LONG.

ANTENNA ID:	Harris6.1K	6.1 meters	Harris	61KPK	
	14000.0000 - 14500.0000 MHz		8M00G7W	69.78 dBW	phase modulated digital carriers
	14000.0000 - 14500.0000 MHz		36M0G7W	81.84 dBW	Digital Data; Video; TT&C
	11700.0000 - 12200.0000 MHz		8M00G7W		phase modulated digital carriers
	11700.0000 - 12200.0000 MHz		36M0G7W		Digital Data; Video; TT&C

Points of Communication:

SSBHarris - PERMITTED LIST - ()

SES-RWL-20200227-00204 E E050044 TrustComm, Inc.
 Renewal
 Grant of Authority

04/11/2020 - 04/11/2035
 Date Effective: 03/18/2020

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: 1.2 PATRIOT
 LOCATION: CONUS, AK, HI, HOUSTON, TX

ANTENNA ID:	1.2 PATRIO	1.2 meters	Patriot	1.2m Tx/Rx VSAT	
	14000.0000 - 14500.0000 MHz		1M52G7W	49.10 dBW	Digital Voice, Data, and Fax
	14000.0000 - 14500.0000 MHz		1M01G7W	49.10 dBW	Digital Voice, Data, and Fax
	14000.0000 - 14500.0000 MHz		500KG7W	49.10 dBW	Digital Voice, Data, and Fax
	14000.0000 - 14500.0000 MHz		250KG7W	46.30 dBW	Digital Voice, Data, and Fax
	11700.0000 - 12200.0000 MHz		1M52G7W	0.00 dBW	Digital Voice, Data, and Fax
	11700.0000 - 12200.0000 MHz		1M01G7W	0.00 dBW	Digital Voice, Data, and Fax
	11700.0000 - 12200.0000 MHz		500KG7W	0.00 dBW	Digital Voice, Data, and Fax
	11700.0000 - 12200.0000 MHz		250KG7W	0.00 dBW	Digital Voice, Data, and Fax

SITE ID: 1.8 ANDREW
 LOCATION: CONUS, AK, HI

ANTENNA ID:	1.8 ANDRE	1.8 meters	Andrew	62-18356-01C	
	14000.0000 - 14500.0000 MHz		3M04G7W	52.40 dBW	Digital Voice, Data, and Fax
	14000.0000 - 14500.0000 MHz		1M52G7W	52.40 dBW	Digital Voice, Data, and Fax

14000.0000 - 14500.0000 MHz	1M01G7W	52.40 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	500KG7W	52.40 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	3M04G7W	0.00 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M52G7W	0.00 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M01G7W	0.00 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	500KG7W	0.00 dBW	Digital Voice, Data, and Fax

SITE ID: 2.4 ANDREW
LOCATION: CONUS, AK, HI

ANTENNA ID: 2.4 ANDRE	2.4 meters	Andrew	62-24356-01C
14000.0000 - 14500.0000 MHz	4M92G7W	58.70 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	3M04G7W	58.70 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	1M52G7W	58.70 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	1M01G7W	57.70 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	4M92G7W	0.00 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	3M04G7W	0.00 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M52G7W	0.00 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M01G7W	0.00 dBW	Digital Voice, Data, and Fax

SITE ID: HUB
LOCATION: 11140 Aerospace Ave., Harris, Houston, TX
29 ° 36 ' 35.50 " N LAT. 95 ° 10 ' 29.70 " W LONG.

ANTENNA ID: 13.1 VERTE	13.1 meters	Vertex Comm.	13.1 KPK
14000.0000 - 14500.0000 MHz	1M27G7W	73.40 dBW	DIGITAL VOICE, DATA AND VIDEO
14000.0000 - 14500.0000 MHz	4M10G7W	78.20 dBW	DIGITAL VOICE, DATA AND VIDEO
14000.0000 - 14500.0000 MHz	31M5G7W	78.20 dBW	DIGITAL DATA AND VIDEO
11700.0000 - 12200.0000 MHz	1M27G7W		DIGITAL VOICE, DATA AND VIDEO
11700.0000 - 12200.0000 MHz	250KG7W		DIGITAL VOICE, DATA AND VIDEO
11700.0000 - 12200.0000 MHz	31M5G7W		DIGITAL VOICE, DATA AND VIDEO
11700.0000 - 12200.0000 MHz	4M10G7W		DIGITAL VOICE, DATA AND VIDEO

SITE ID: 1.2 ANDREW
LOCATION: CONUS, AK, HI

ANTENNA ID:	1.2 ANDRE	1.2 meters	ANDREW CORP.	123
14000.0000 - 14500.0000 MHz		1M01G7W	49.30 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		1M52G7W	49.30 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		250KG7W	47.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		3M04G7W	49.30 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		4M92G7W	49.30 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		500KG7W	49.30 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		1M01G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		1M52G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		250KG7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		3M04G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		4M92G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		500KG7W		Digital Voice, Data, and Fax

SITE ID: 1.2 PRODELIN
LOCATION: CONUS, AK, HI

ANTENNA ID:	1.2 PRODE	1.2 meters	PRODELIN	1123
14000.0000 - 14500.0000 MHz		1M01G7W	49.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		1M52G7W	49.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		250KG7W	47.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		3M04G7W	49.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		4M92G7W	49.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz		500KG7W	49.20 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		1M01G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		1M52G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz		250KG7W		Digital Voice, Data, and Fax

11700.0000 - 12200.0000 MHz	3M04G7W	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	4M92G7W	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	500KG7W	Digital Voice, Data, and Fax

SITE ID: 1.8 PRODELIN

LOCATION:

ANTENNA ID:	1.8 PRODE	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	1M01G7W	54.80 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	1M52G7W	54.80 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	250KG7W	50.70 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	3M04G7W	54.80 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	4M92G7W	54.80 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	500KG7W	53.70 dBW	Digital Voice, Data, and Fax	
11700.0000 - 12200.0000 MHz	1M01G7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	1M52G7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	250KG7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	3M04G7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	4M92G7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	500KG7W	Digital Voice, Data, and Fax		

SITE ID: 1.2 AVL

LOCATION: CONUS, AK, HI

ANTENNA ID:	1.2 AVL	1.2 meters	AVL TECHNOLOGIES	1296
14000.0000 - 14500.0000 MHz	1M01G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	1M52G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	250KG7W	47.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	3M04G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	4M92G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	500KG7W	49.20 dBW	Digital Voice, Data, and Fax	

11700.0000 - 12200.0000 MHz	1M01G7W	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M52G7W	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	250KG7W	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	3M04G7W	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	4M92G7W	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	500KG7W	Digital Voice, Data, and Fax

SITE ID: 1.2 SMARTDISH
LOCATION: CONUS, AK, HI

ANTENNA ID:	1.2 SMART	1.2 meters	SMARTDISH	1.2M
14000.0000 - 14500.0000 MHz	1M01G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	1M52G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	250KG7W	47.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	3M04G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	4M92G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	500KG7W	49.20 dBW	Digital Voice, Data, and Fax	
11700.0000 - 12200.0000 MHz	1M01G7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	1M52G7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	250KG7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	3M04G7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	4M92G7W	Digital Voice, Data, and Fax		
11700.0000 - 12200.0000 MHz	500KG7W	Digital Voice, Data, and Fax		

SITE ID: 1.2 TRACSTAR
LOCATION: CONUS, AK, HI

ANTENNA ID:	1.2 TRAC	1.2 meters	TRACSTAR	1.2M
14000.0000 - 14500.0000 MHz	1M01G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	1M52G7W	49.20 dBW	Digital Voice, Data, and Fax	
14000.0000 - 14500.0000 MHz	250KG7W	47.20 dBW	Digital Voice, Data, and Fax	

14000.0000 - 14500.0000 MHz	3M04G7W	49.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	4M92G7W	49.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	500KG7W	49.20 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M01G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M52G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	250KG7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	3M04G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	4M92G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	500KG7W		Digital Voice, Data, and Fax

SITE ID: .96 CHANNEL MASTER
LOCATION: CONUS, AK, HI

ANTENNA ID: .96 CHAMA 0.96 meters CHANNEL MASTER 960

14000.0000 - 14500.0000 MHz	1M01G7W	40.30 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	1M52G7W	42.10 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	250KG7W	34.30 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	3M04G7W	45.10 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	4M92G7W	47.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	500KG7W	37.30 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M01G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M52G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	250KG7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	3M04G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	4M92G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	500KG7W		Digital Voice, Data, and Fax

SITE ID: .75 ANDREW
LOCATION: CONUS, AK, HI

ANTENNA ID: .75 ANDRE 0.75 meters ANDREW 755TX

14000.0000 - 14500.0000 MHz	1M01G7W	38.40 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	1M52G7W	40.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	250KG7W	32.40 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	3M04G7W	43.20 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	4M92G7W	45.30 dBW	Digital Voice, Data, and Fax
14000.0000 - 14500.0000 MHz	500KG7W	35.40 dBW	Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M01G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	1M52G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	250KG7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	3M04G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	4M92G7W		Digital Voice, Data, and Fax
11700.0000 - 12200.0000 MHz	500KG7W		Digital Voice, Data, and Fax

Points of Communication:

.75 ANDREW - PERMITTED LIST - ()

.96 CHANNEL MASTER - PERMITTED LIST - ()

1.2 PATRIOT - PERMITTED LIST - ()

1.2 ANDREW - PERMITTED LIST - ()

1.2 AVL - PERMITTED LIST - ()

1.2 PRODELIN - PERMITTED LIST - ()

1.2 SMARTDISH - PERMITTED LIST - ()

1.2 TRACSTAR - PERMITTED LIST - ()

1.8 ANDREW - PERMITTED LIST - ()

1.8 PRODELIN - PERMITTED LIST - ()

2.4 ANDREW - PERMITTED LIST - ()

HUB - PERMITTED LIST - ()

SES-RWL-20200227-00258 E E050114 Kotzebue Broadcasting Inc.

Renewal

04/21/2020 - 04/21/2035

Grant of Authority

Date Effective: 03/20/2020

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 396 LAGOON STREET (KOTZ-FM) P.O. BOX 78, NORTHWEST ARTIC, KOTZEBUE, AK
66 ° 53 ' 44.00 " N LAT. 162 ° 35 ' 54.00 " W LONG.

ANTENNA ID:	1	9.3 meters	ANDREW CORPORATION	ESA9.3-46
	3700.0000 - 4200.0000 MHz		30K0F1D	DIGITAL AUDIO CARRIER
	3700.0000 - 4200.0000 MHz		10M3G7W	DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200302-00208 E E050048 Intelsat License LLC
Renewal 04/05/2020 - 04/05/2035
Grant of Authority Date Effective: 03/19/2020

Class of Station: Fixed Earth Stations

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

SITE ID: hagerstown24
LOCATION: 17625 Technology Boulevard, Washington, Hagerstown, MD
39 ° 36 ' 0.50 " N LAT. 77 ° 45 ' 28.50 " W LONG.

ANTENNA ID:	IMT 23	6.3 meters	Vertex/RSI	KXC	
	6109.0000 - 6425.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	6109.0000 - 6425.0000 MHz		43K8G7W -	58.00 dBW	Digital Audio, Video, and Data
	6109.0000 - 6425.0000 MHz		36M0F8W	74.60 dBW	Analog Video with Associated Audio Subcarriers
	5925.0000 - 6425.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	5925.0000 - 6425.0000 MHz		43K8G7W -	52.00 dBW	Digital Audio, Video, and Data
	5925.0000 - 6425.0000 MHz		36M0F8W	68.60 dBW	Analog Video with Associated Audio Subcarriers
	5925.0000 - 6077.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	5925.0000 - 6077.0000 MHz		43K8G7W -	58.00 dBW	Digital Audio, Video, and Data
	5925.0000 - 6077.0000 MHz		36M0F8W	74.60 dBW	Analog Video with Associated Audio Subcarriers
	3700.0000 - 4200.0000 MHz		72M0G7W		Digital Audio, Video, and Data

	3700.0000 - 4200.0000 MHz		43K8G7W -		Digital Audio, Video, and Data
	3700.0000 - 4200.0000 MHz		36M0F8W		Analog Video with Associated Audio Subcarriers
ANTENNA ID:	IMT 24	6.3 meters	Vertex/RSI		KXC
	6109.0000 - 6425.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	6109.0000 - 6425.0000 MHz		43K8G7W -	58.00 dBW	Digital Audio, Video, and Data
	6109.0000 - 6425.0000 MHz		36M0F8W	74.60 dBW	Analog Video with Associated Audio Subcarriers
	5925.0000 - 6425.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	5925.0000 - 6425.0000 MHz		43K8G7W -	52.00 dBW	Digital Audio, Video, and Data
	5925.0000 - 6425.0000 MHz		36M0F8W	68.60 dBW	Analog Video with Associated Audio Subcarriers
	5925.0000 - 6077.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	5925.0000 - 6077.0000 MHz		43K8G7W -	58.00 dBW	Digital Audio, Video, and Data
	5925.0000 - 6077.0000 MHz		36M0F8W	74.60 dBW	Analog Video with Associated Audio Subcarriers
	3700.0000 - 4200.0000 MHz		72M0G7W		Digital Audio, Video, and Data
	3700.0000 - 4200.0000 MHz		43K8G7W -		Digital Audio, Video, and Data
	3700.0000 - 4200.0000 MHz		36M0F8W		Analog Video with Associated Audio Carriers
ANTENNA ID:	IMT 25	6.3 meters	Vertex/RSI		KXC
	6109.0000 - 6425.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	6109.0000 - 6425.0000 MHz		43K8G7W -	58.00 dBW	Digital Audio, Video, and Data
	6109.0000 - 6425.0000 MHz		36M0F8W	74.60 dBW	Analog Video with Associated Audio Subcarriers
	5925.0000 - 6425.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	5925.0000 - 6425.0000 MHz		43K8G7W -	52.00 dBW	Digital Audio, Video, and Data
	5925.0000 - 6425.0000 MHz		36M0F8W	68.60 dBW	Analog Video with Associated Audio Subcarriers
	5925.0000 - 6077.0000 MHz		72M0G7W	76.80 dBW	Digital Audio, Video, and Data
	5925.0000 - 6077.0000 MHz		43K8G7W -	58.00 dBW	Digital Audio, Video, and Data

5925.0000 - 6077.0000 MHz	36M0F8W	74.60 dBW	Analog Video with Associated Audio Subcarriers
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Audio, Video, and Data
3700.0000 - 4200.0000 MHz	43K8G7W -		Digital Audio, Video, and Data
3700.0000 - 4200.0000 MHz	36M0F8W		Analog Video with Associated Audio Subcarriers

Points of Communication:

hagerstown24 - PERMITTED LIST - ()

SES-RWL-20200302-00209 E E050049 Intelsat License LLC
 Renewal 04/05/2020 - 04/05/2035
 Grant of Authority Date Effective: 03/19/2020

Class of Station: Fixed Earth Stations

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

SITE ID: hagerstown21
 LOCATION: 17625 Technology Boulevard, Washington, Hagerstown, MD
 39 ° 36 ' 0.40 " N LAT. 77 ° 45 ' 30.70 " W LONG.

ANTENNA ID:	IMT 20	6.3 meters	Vertex/RSI	KXC
6109.0000 - 6425.0000 MHz	72M0G7W	76.80 dBW	Digital Audio, Video, and Data	
6109.0000 - 6425.0000 MHz	43K8G7W -	58.00 dBW	Digital Audio, Video, and Data	
6109.0000 - 6425.0000 MHz	36M0F8W	74.60 dBW	Analog Video with Associated Audio Subcarriers	
5925.0000 - 6425.0000 MHz	72M0G7W	76.80 dBW	Digital Audio, Video, and Data	
5925.0000 - 6425.0000 MHz	43K8G7W -	52.00 dBW	Digital Audio, Video, and Data	
5925.0000 - 6425.0000 MHz	36M0F8W	68.60 dBW	Analog Video with Associated Audio Subcarriers	
5925.0000 - 6077.0000 MHz	72M0G7W -	76.80 dBW	Digital Audio, Video, and Data	
5925.0000 - 6077.0000 MHz	43K8G7W -	58.00 dBW	Digital Audio, Video, and Data	
5925.0000 - 6077.0000 MHz	36M0F8W	74.60 dBW	Analog Video with Associated Audio Subcarriers	
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Audio, Video, and Data	
3700.0000 - 4200.0000 MHz	43K8G7W -		Digital Audio, Video, and Data	

3700.0000 - 4200.0000 MHz	36M0F8W			Analog Video with Associated Audio Subcarriers
ANTENNA ID: IMT 21	6.3 meters	Vertex/RSI		KXC
6109.0000 - 6425.0000 MHz	72M0G7W	76.80 dBW		Digital Audio, Video, and Data
6109.0000 - 6425.0000 MHz	43K8G7W -	58.00 dBW		Digital Audio, Video, and Data
6109.0000 - 6425.0000 MHz	36M0F8W	74.60 dBW		Analog Video with Associated Audio Subcarriers
5925.0000 - 6425.0000 MHz	72M0G7W	76.80 dBW		Digital Audio, Video, and Data
5925.0000 - 6425.0000 MHz	43K8G7W -	52.00 dBW		Digital Audio, Video, and Data
5925.0000 - 6425.0000 MHz	36M0F8W	68.60 dBW		Analog Video with Associated Audio Subcarriers
5925.0000 - 6077.0000 MHz	72M0G7W	76.80 dBW		Digital Audio, Video, and Data
5925.0000 - 6077.0000 MHz	43K8G7W -	58.00 dBW		Digital Audio, Video, and Data
5925.0000 - 6077.0000 MHz	36M0F8W	74.60 dBW		Analog Video with Associated Audio Subcarriers
3700.0000 - 4200.0000 MHz	72M0G7W			Digital Audio, Video, and Data
3700.0000 - 4200.0000 MHz	43K8G7W -			Digital Audio, Video, and Data
3700.0000 - 4200.0000 MHz	36M0F8W			Analog Video with Associated Audio Subcarriers
ANTENNA ID: IMT 22	6.3 meters	Vertex/RSI		KXC
6109.0000 - 6425.0000 MHz	72M0G7W	76.80 dBW		Digital Audio, Video, and Data
6109.0000 - 6425.0000 MHz	43K8G7W -	58.00 dBW		Digital Audio, Video, and Data
6109.0000 - 6425.0000 MHz	36M0F8W	74.60 dBW		Digital Audio, Video, and Data
5925.0000 - 6425.0000 MHz	72M0G7W	76.80 dBW		Digital Audio, Video, and Data
5925.0000 - 6425.0000 MHz	43K8G7W -	52.00 dBW		Digital Audio, Video, and Data
5925.0000 - 6425.0000 MHz	36M0F8W	68.60 dBW		Digital Audio, Video, and Data
5925.0000 - 6077.0000 MHz	72M0G7W	76.80 dBW		Digital Audio, Video, and Data
5925.0000 - 6077.0000 MHz	43K8G7W -	58.00 dBW		Digital Audio, Video, and Data
5925.0000 - 6077.0000 MHz	36M0F8W	74.60 dBW		Analog Video with Associated Audio Subcarriers

3700.0000 - 4200.0000 MHz	72M0G7W	Digital Audio, Video, and Data
3700.0000 - 4200.0000 MHz	43K8G7W -	Digital Audio, Video, and Data
3700.0000 - 4200.0000 MHz	36M0F8W	Analog Video with Associated Audio Subcarriers

Points of Communication:

hagerstown21 - PERMITTED LIST - ()

SES-RWL-20200317-00245 E E950239 KWVL License, LLC
 Renewal 05/19/2020 - 05/19/2035
 Grant of Authority Date Effective: 03/18/2020

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 500 EAST FOURTH STREET, BLACK HAWK, WATERLOO, IA
 42 ° 29 ' 53.00 " N LAT. 92 ° 19 ' 47.00 " W LONG.

ANTENNA ID: 1	3.6 meters	ANDREWS	ES36MPJK
14000.0000 - 14500.0000 MHz	36M0F8W	67.90 dBW	
11700.0000 - 12200.0000 MHz	36M0F8W		

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200318-00250 E E950180 WYFF Hearst Television Inc.
 Renewal 05/26/2020 - 05/26/2035
 Grant of Authority Date Effective: 03/18/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: VARIOUS

ANTENNA ID: 1	1.35 meters	GENERAL DYNAMICS	C135M
14000.0000 - 14500.0000 MHz	3M50D7W	59.71 dBW	QAM OR APSK; DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	36M0D7W	64.66 dBW	QAM OR APSK; DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M50G7W	59.71 dBW	PSK; DIGITAL VIDEO, AUDIO , AND DATA

14000.0000 - 14500.0000 MHz	36M0G7W	64.66 dBW	PSK; DIGITAL VIDEO, AUDIO , AND DATA
11700.0000 - 12200.0000 MHz	3M50D7W		QAM OR APSK; DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	36M0D7W		QAM OR APSK; DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M50G7W		PSK; DIGITAL VIDEO, AUDIO , AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		PSK; DIGITAL VIDEO, AUDIO , AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200320-00256 E E050111 Roberts Direct to Home Network, LLC
 Renewal 05/31/2020 - 05/31/2035
 Grant of Authority Date Effective: 03/20/2020

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 4175 CAMERON STREET SUITE B-10, CLARK, LAS VEGAS, NV
 36 ° 6 ' 50.70 " N LAT. 115 ° 12 ' 14.80 " W LONG.

ANTENNA ID: 2 2.4 meters PRODELIN 1244

14000.0000 - 14500.0000 MHz	36M0G7W	74.60 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
14000.0000 - 14500.0000 MHz	3M00G7W	63.90 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
14000.0000 - 14500.0000 MHz	36M0F3F	74.60 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIER
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIER

ANTENNA ID: 1 3.8 meters PRODELIN 1383

14000.0000 - 14500.0000 MHz	36M0G7W	78.60 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
14000.0000 - 14500.0000 MHz	3M00G7W	68.10 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
14000.0000 - 14500.0000 MHz	36M0F3F	78.60 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIER
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200320-00257 E E5486 MICROSPACE COMMUNICATIONS CORPORATION
 Renewal 06/18/2020 - 06/18/2035
 Grant of Authority Date Effective: 03/20/2020

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: WAKE, NR. AUBURN, NC
 35 ° 40 ' 27.00 " N LAT. 78 ° 32 ' 8.00 " W LONG.

ANTENNA ID: 1 10 meters SCIENTIFIC ATLANTA MODEL 8002A

5925.0000 - 6425.0000 MHz	36000F9	87.90 dBW
3700.0000 - 4200.0000 MHz	36000F9	

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20200212-00154 E E080100 Global Eagle Telecom Licensing Subsidiary LLC
 Special Temporary Authority
 Grant of Authority Date Effective: 03/18/2020

Class of Station:

On March 18, 2020 Global Eagle Telecom Licensing Subsidiary LLC was granted special temporary authority for 30 days, beginning March 18, 2020, to conduct antenna tests using a 1.2 meter antenna to communicate with the AMC-6 (S2347) satellite at the 83° W.L. orbital location in the 11450-12200 MHz frequency band.

Points of Communication:

SES-STA-20200312-00238 E WD58 The Christian Broadcasting Network, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/18/2020

Class of Station:

On March 18, 2020, The Christian Broadcasting Network, Inc. was granted special temporary authority for 60 days, beginning March 18, 2020, to operate its fixed earth station in Virginia Beach, VA with additional remote control sites consistent with the current authorized parameters of each earth station due to the coronavirus disease 2019 (COVID-19).

Points of Communication:

SES-STA-20200312-00239 E E930230 The Christian Broadcasting Network, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 03/18/2020

Class of Station:

On March 18, 2020, The Christian Broadcasting Network, Inc. was granted special temporary authority for 60 days, beginning March 18, 2020, to operate its fixed earth station with additional remote control sites consistent with the current authorized parameters of each earth station due to the coronavirus disease 2019 (COVID-19).

Points of Communication:

SES-STA-20200312-00240 E KA258 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 03/20/2020

Class of Station:

On March 20, 2020, Intelsat License LLC was granted special temporary authority for 30 days, beginning March 30, 2020, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking, and command (TT&C) services for the Hylas-1 satellite during its drift from the 79.0° W.L. orbital location to the 210.0° E.L. orbital location in the 17302.048 MHz and 17305.051 MHz (Earth-to-space), and 11701.008 MHz and 11702.808 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20200317-00246 E KL92 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 03/19/2020

Class of Station:

On March 19, 2020 Intelsat License LLC ("Intelsat") is granted special temporary authority for 30 days, beginning March 27, 2020, to operate its Castle Rock, Colorado Ku-band earth station to provide telemetry, tracking, and command ("TT&C") services for HISPASAT 143W-1 administered by Spain during the satellite's drift to, and on-station at the 143° W.L. orbital location using center frequencies: 14498.7 MHz (Earth-to-space); and 12749.75 MHz (space-to-Earth).

Points of Communication:

SURRENDER

SES-LIC-20050411-00419 E050101 Motor Racing Network, Inc.

License surrendered by letter filed on March 18, 2020.

SES-LIC-20071017-01427 E070242 Motor Racing Network, Inc.

License surrendered by letter filed on March 18, 2020.

SES-LIC-20110505-00557 E110080 Motor Racing Network, Inc.

License surrendered by letter filed on March 18, 2020.

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