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14001.0000 - 14001.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	850KF7D	73.20 dBW	TT&C
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	73.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	34M0G7D	88.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K0G7D	59.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	72M0G7D	88.00 dBW	DIGITAL DATA
13998.5000 - 13998.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13997.5000 - 13997.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13995.5000 - 13995.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13995.0000 - 13995.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13994.5000 - 13994.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	73.30 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13753.0000 - 13753.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00G7W	73.30 dBW	Digital Data

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12875.0000 - 13250.0000 MHz	62M5G7W	76.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	36M0G7W	73.90 dBW	Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	58.30 dBW	Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
12198.0000 - 12200.0000 MHz	N0N		BEACON
12195.0000 - 12200.0000 MHz	500KG7D		TELEMETRY
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11702.0000 - 11702.0000 MHz	850KF7D		TT&C
11700.5000 - 11700.5000 MHz	850KF7D		TT&C
11700.0000 - 12200.0000 MHz	43K0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7D		DIGITAL DATA
11700.0000 - 11950.0000 MHz	62M5G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11700.0000 - 11710.0000 MHz	1M60G7D		TELEMETRY
11700.0000 - 11710.0000 MHz	500KG7D		TELEMETRY
11700.0000 - 11705.0000 MHz	N0N		BEACON
11697.0000 - 11700.0000 MHz	N0N		BEACON
11695.0000 - 11700.0000 MHz	500KG7D		TELEMETRY
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
11450.0000 - 11700.0000 MHz	43K0G7D		DIGITAL DATA
11450.0000 - 11700.0000 MHz	72M0G7D		DIGITAL DATA
11450.0000 - 11452.0000 MHz	N0N		BEACON
11445.0000 - 11460.0000 MHz	500KG7W		TELEMETRY

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11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
11199.7500 - 11199.7500 MHz	500KG7D		TELEMETRY
11199.2500 - 11199.2500 MHz	500KG7D		TELEMETRY
11198.5000 - 11198.5000 MHz	500KG7D		TELEMETRY
11198.0000 - 11198.0000 MHz	500KG7D		TELEMETRY
11196.7500 - 11196.7500 MHz	500KG7D		TELEMETRY
11196.2500 - 11196.2500 MHz	500KG7D		TELEMETRY
11195.5000 - 11195.5000 MHz	500KG7D		TELEMETRY
11194.2500 - 11194.2500 MHz	500KG7D		TELEMETRY
10950.0000 - 11200.0000 MHz	43K0G7D		DIGITAL DATA
10950.0000 - 11200.0000 MHz	72M0G7D		DIGITAL DATA
10700.0000 - 10950.0000 MHz	62M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W		Digital Data
14499.5000 - 14499.5000 MHz	850KF7D	88.60 dBW	TT&C
13997.5000 - 13997.5000 MHz	850KF7D	88.60 dBW	TT&C
12198.7500 - 12198.7500 MHz	300KF7D		TT&C
12198.2500 - 12198.2500 MHz	300KF7D		TT&C
14498.0000 - 14498.0000 MHz	850KF7D	88.60 dBW	TT&C
13999.0000 - 13999.0000 MHz	850KF7D	85.00 dBW	TT&C
11452.0000 - 11452.0000 MHz	350KF7D		TT&C
11451.0000 - 11451.0000 MHz	350KF7D		TT&C
ANTENNA ID: K77	13.1 meters	Vertex/RSI	ST 13.1
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	72.70 dBW	Digital Data

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13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	72.70 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00G7W	72.70 dBW	Digital Data
12875.0000 - 13250.0000 MHz	62M5G7W	75.70 dBW	Digital Data
12875.0000 - 13250.0000 MHz	36M0G7W	73.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	57.70 dBW	Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	250KG7D		Digital Data
11700.0000 - 11950.0000 MHz	62M0G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
10700.0000 - 10950.0000 MHz	62M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W		Digital Data

**Points of Communication:**

- 1 - GALAXY 11 - (93.1 W.L.)
- 1 - GALAXY 23 (S2592) - (121 W.L.)
- 1 - GALAXY 3C (S2381) - (95.05 W.L.)
- 1 - INTELSAT 11 (S2237) - (43.0 W.L.)
- 1 - INTELSAT 16 (S2750) - (58.10 W.L.)
- 1 - INTELSAT 16(S2750) - (76.2 W.L.)
- 1 - INTELSAT 1R (S2368) - (157.1 E.L.)
- 1 - INTELSAT 21 (S2863) - (58.0 W.L.)
- 1 - INTELSAT 29e (S2913) - (50.0 W.L.)
- 1 - INTELSAT 30 (S2887) - (95.05 W.L.)
- 1 - INTELSAT 31 (S2924) - (95.05 W.L.)
- 1 - INTELSAT 5 (S2704) - (156.9)
- 1 - INTELSAT 9 (S2380) - (29.5 W.L.)
- 1 - PERMITTED LIST - ()

**SES-AFS-20190509-00577** E E140121 Intelsat License LLC

Amendment

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

See IBFS File No. SES-MOD-20180611-01387 for a description of this application.

SITE ID: 1

LOCATION: 17625 Technology BLVD, Washington, Hagerstown, MD

31 ° 35 ' 53.10 " N LAT.

77 ° 45 ' 22.30 " W LONG.

ANTENNA ID:	K78	13.5 meters	Viasat	13.5M.	
	14499.5000 - 14499.5000 MHz		750KF2D	85.00 dBW	COMMAND AND RANGING
	14498.5000 - 14498.5000 MHz		850KF2D	85.00 dBW	COMMAND AND RANGING
	14497.0000 - 14497.0000 MHz		750KF2D	85.00 dBW	COMMAND AND RANGING
	14494.5000 - 14494.5000 MHz		750KF2D	85.00 dBW	COMMAND AND RANGING
	14494.5000 - 14494.5000 MHz		850KF7D	73.20 dBW	TT&C
	14006.0000 - 14006.0000 MHz		1M00G9D	85.00 dBW	COMMAND AND RANGING
	14003.5000 - 14003.5000 MHz		1M00G9D	85.00 dBW	COMMAND AND RANGING

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14003.0000 - 14003.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14001.0000 - 14001.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	850KF7D	73.20 dBW	TT&C
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	73.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	34M0G7D	88.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K0G7D	59.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	72M0G7D	88.00 dBW	DIGITAL DATA
13998.5000 - 13998.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13997.5000 - 13997.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13995.5000 - 13995.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13995.0000 - 13995.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13994.5000 - 13994.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	73.30 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13753.0000 - 13753.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data

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13750.0000 - 13770.0000 MHz	1M00G7W	73.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	62M5G7W	76.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	36M0G7W	73.90 dBW	Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	58.30 dBW	Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
12198.0000 - 12200.0000 MHz	N0N		BEACON
12195.0000 - 12200.0000 MHz	500KG7D		TELEMETRY
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11702.0000 - 11702.0000 MHz	850KF7D		TT&C
11700.5000 - 11700.5000 MHz	850KF7D		TT&C
11700.0000 - 12200.0000 MHz	43K0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7D		DIGITAL DATA
11700.0000 - 11950.0000 MHz	62M5G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11700.0000 - 11710.0000 MHz	1M60G7D		TELEMETRY
11700.0000 - 11710.0000 MHz	500KG7D		TELEMETRY
11700.0000 - 11705.0000 MHz	N0N		BEACON
11697.0000 - 11700.0000 MHz	N0N		BEACON
11695.0000 - 11700.0000 MHz	500KG7D		TELEMETRY
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
11450.0000 - 11700.0000 MHz	43K0G7D		DIGITAL DATA
11450.0000 - 11700.0000 MHz	72M0G7D		DIGITAL DATA
11450.0000 - 11452.0000 MHz	N0N		BEACON



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11445.0000 - 11460.0000 MHz	500KG7W		TELEMETRY
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
11199.7500 - 11199.7500 MHz	500KG7D		TELEMETRY
11199.2500 - 11199.2500 MHz	500KG7D		TELEMETRY
11198.5000 - 11198.5000 MHz	500KG7D		TELEMETRY
11198.0000 - 11198.0000 MHz	500KG7D		TELEMETRY
11196.7500 - 11196.7500 MHz	500KG7D		TELEMETRY
11196.2500 - 11196.2500 MHz	500KG7D		TELEMETRY
11195.5000 - 11195.5000 MHz	500KG7D		TELEMETRY
11194.2500 - 11194.2500 MHz	500KG7D		TELEMETRY
10950.0000 - 11200.0000 MHz	43K0G7D		DIGITAL DATA
10950.0000 - 11200.0000 MHz	72M0G7D		DIGITAL DATA
10700.0000 - 10950.0000 MHz	62M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W		Digital Data
14499.5000 - 14499.5000 MHz	850KF7D	88.60 dBW	TT&C
13997.5000 - 13997.5000 MHz	850KF7D	88.60 dBW	TT&C
12198.7500 - 12198.7500 MHz	300KF7D		TT&C
12198.2500 - 12198.2500 MHz	300KF7D		TT&C
14498.5000 - 14498.5000 MHz	80KF7D	88.00 dBW	TT&C
14000.5000 - 14000.5000 MHz	800KF7D	88.00 dBW	TT&C
11702.0000 - 11702.0000 MHz	300KF7D		TT&C
11701.0000 - 11701.0000 MHz	300KF7D		TT&C
14498.0000 - 14498.0000 MHz	850KF7D	88.60 dBW	TT&C
13999.0000 - 13999.0000 MHz	850KF7D	85.00 dBW	TT&C
11452.0000 - 11452.0000 MHz	350KF7D		TT&C

11451.0000 - 11451.0000 MHz	350KF7D		TT&C
ANTENNA ID: K77	13.1 meters	Vertex/RSI	ST 13.1
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	72.70 dBW	Digital Data
13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	72.70 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00G7W	72.70 dBW	Digital Data
12875.0000 - 13250.0000 MHz	62M5G7W	75.70 dBW	Digital Data
12875.0000 - 13250.0000 MHz	36M0G7W	73.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	57.70 dBW	Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	250KG7D		Digital Data
11700.0000 - 11950.0000 MHz	62M0G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data

11200.0000 - 11450.0000 MHz	62M5G7W	Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W	Digital Data
10700.0000 - 10950.0000 MHz	62M0G7W	Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W	Digital Data

**Points of Communication:**

- 1 - GALAXY 11 - (93.1 W.L.)
- 1 - GALAXY 23 (S2592) - (121 W.L.)
- 1 - GALAXY 3C (S2381) - (95.05 W.L.)
- 1 - INTELSAT 11 (S2237) - (43.0 W.L.)
- 1 - INTELSAT 16 (S2750) - (58.10 W.L.)
- 1 - INTELSAT 16(S2750) - (76.2 W.L.)
- 1 - INTELSAT 1R (S2368) - (157.1 E.L.)
- 1 - INTELSAT 21 (S2863) - (58.0 W.L.)
- 1 - INTELSAT 29e (S2913) - (50.0 W.L.)
- 1 - INTELSAT 30 (S2887) - (95.05 W.L.)
- 1 - INTELSAT 31 (S2924) - (95.05 W.L.)
- 1 - INTELSAT 5 (S2704) - (156.9)
- 1 - INTELSAT 9 (S2380) - (29.5 W.L.)
- 1 - PERMITTED LIST - ()

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**SES-AMD-20181016-03244** E E181392 CCO SoCal I, LLC.

Amendment

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02240 for a description of this application.

**SITE ID:** 1

**LOCATION:** 1152 W Henderson Ave, Tulare, Porterville, CA

36 ° 4 ' 52.60 " N LAT.

119 ° 2 ' 35.60 " W LONG.

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

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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 - ()

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**SES-AMD-20181016-03282** E KG33 Spectrum Pacific West, LLC  
Amendment

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

See IBFS File No. SES-MOD-20180711-02171 for a description of this application.

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SITE ID: 1  
LOCATION: 773 N. WALNIUT RD., STANILAUS, TURLOCK, CA  
37 ° 29 ' 54.80 " N LAT. 120 ° 52 ' 31.50 " W LONG.

ANTENNA ID: 1 4.5 meters SCIENTIFIC ATLANTA 8008B  
3700.0000 - 4200.0000 MHz 36M0G7W AUDIO, VIDEO, AND DATA  
ANTENNA ID: 2 4.6 meters SCIENTIFIC ATLANTA 8005  
3700.0000 - 4200.0000 MHz 36M0G7W AUDIO, VIDEO, AND DATA  
ANTENNA ID: 3 5 meters ATCI SIMULSAT 5M.  
3700.0000 - 4200.0000 MHz 36M0G7W AUDIO, VIDEO, AND DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20191016-01316** E E190855 The Ahmadiyya Movement in Islam, Inc. USA

Application for Authority

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: CONUS

ANTENNA ID: 1 1.2 meters SIS Live CN 00355  
14000.0000 - 14500.0000 MHz 36M0G7W 64.01 dBW Digital Video Carrier  
11700.0000 - 12200.0000 MHz 36M0G7W Digital Video Carrier

**Points of Communication:**

1 - Eutelsat113WA(S2695) - (113 W.L.)

1 - GALAXY 18 (S2733) - (123 W.L.)

1 - PERMITTED LIST - ()

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

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**SES-LIC-20191217-01740** E E191660 Cordova Telephone Cooperative Inc

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 657 Ridge Rd., Yakutat Borough, Yakutat, AK  
59 ° 33 ' 12.70 " N LAT. 139 ° 43 ' 36.60 " W LONG.

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ANTENNA ID:	1	3.8 meters	Gen Dynamics/Prodelin	1385
	5925.0000 - 6425.0000 MHz	9M80G7D	53.30 dBW	Digital Data carriers

**Points of Communication:**

1 - EUTELSAT115WB(S2938) - (114.9 W.L.)

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**SES-LIC-20200129-00095** E E200373 Carolina Christian Broadcasting, Inc.

Application for Authority

**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 - ()

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**SES-MOD-20180611-01387** E E140121 Intelsat License LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

This application is returned to public notice because Intelsat License LLC amended this application to correct and update site information, add new points of communications, and add new emission designators and frequencies. See IBFS File Nos. SES-AFS-20190509-030577 and SES-AFS-20181003-02891.

SITE ID: 1

LOCATION: 17625 Technology BLVD, Washington, Hagerstown, MD

39 ° 35 ' 53.10 " N LAT.

77 ° 45 ' 22.30 " W LONG.

ANTENNA ID:	K78	13.5 meters	Viasat	13.5M.
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14499.5000 - 14499.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14498.5000 - 14498.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14497.0000 - 14497.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14494.5000 - 14494.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14494.5000 - 14494.5000 MHz	850KF7D	73.20 dBW	TT&C
14006.0000 - 14006.0000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
14003.5000 - 14003.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
14003.0000 - 14003.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14001.0000 - 14001.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	850KF7D	73.20 dBW	TT&C
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	73.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	34M0G7D	88.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K0G7D	59.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	72M0G7D	88.00 dBW	DIGITAL DATA
13998.5000 - 13998.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13997.5000 - 13997.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13995.5000 - 13995.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13995.0000 - 13995.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13994.5000 - 13994.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	73.30 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data

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13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13753.0000 - 13753.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00G7W	73.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	62M5G7W	76.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	36M0G7W	73.90 dBW	Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	58.30 dBW	Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
12198.0000 - 12200.0000 MHz	N0N		BEACON
12195.0000 - 12200.0000 MHz	500KG7D		TELEMETRY
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11702.0000 - 11702.0000 MHz	850KF7D		TT&C
11700.5000 - 11700.5000 MHz	850KF7D		TT&C
11700.0000 - 12200.0000 MHz	43K0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7D		DIGITAL DATA
11700.0000 - 11950.0000 MHz	62M5G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11700.0000 - 11710.0000 MHz	1M60G7D		TELEMETRY
11700.0000 - 11710.0000 MHz	500KG7D		TELEMETRY
11700.0000 - 11705.0000 MHz	N0N		BEACON



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11697.0000 - 11700.0000 MHz	N0N		BEACON
11695.0000 - 11700.0000 MHz	500KG7D		TELEMETRY
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
11450.0000 - 11700.0000 MHz	43K0G7D		DIGITAL DATA
11450.0000 - 11700.0000 MHz	72M0G7D		DIGITAL DATA
11450.0000 - 11452.0000 MHz	N0N		BEACON
11445.0000 - 11460.0000 MHz	500KG7W		TELEMETRY
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
11199.7500 - 11199.7500 MHz	500KG7D		TELEMETRY
11199.2500 - 11199.2500 MHz	500KG7D		TELEMETRY
11198.5000 - 11198.5000 MHz	500KG7D		TELEMETRY
11198.0000 - 11198.0000 MHz	500KG7D		TELEMETRY
11196.7500 - 11196.7500 MHz	500KG7D		TELEMETRY
11196.2500 - 11196.2500 MHz	500KG7D		TELEMETRY
11195.5000 - 11195.5000 MHz	500KG7D		TELEMETRY
11194.2500 - 11194.2500 MHz	500KG7D		TELEMETRY
10950.0000 - 11200.0000 MHz	43K0G7D		DIGITAL DATA
10950.0000 - 11200.0000 MHz	72M0G7D		DIGITAL DATA
10700.0000 - 10950.0000 MHz	62M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W		Digital Data
14499.5000 - 14499.5000 MHz	850KF7D	88.60 dBW	TT&C
13997.5000 - 13997.5000 MHz	850KF7D	88.60 dBW	TT&C
12198.7500 - 12198.7500 MHz	300KF7D		TT&C
12198.2500 - 12198.2500 MHz	300KF7D		TT&C

14498.0000 - 14498.0000 MHz	850KF7D	88.60 dBW	TT&C
13999.0000 - 13999.0000 MHz	850KF7D	85.00 dBW	TT&C
11452.0000 - 11452.0000 MHz	350KF7D		TT&C
11451.0000 - 11451.0000 MHz	350KF7D		TT&C
ANTENNA ID: K77	13.1 meters	Vertex/RSI	ST 13.1
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	72.70 dBW	Digital Data
13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	72.70 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00G7W	72.70 dBW	Digital Data
12875.0000 - 13250.0000 MHz	62M5G7W	75.70 dBW	Digital Data
12875.0000 - 13250.0000 MHz	36M0G7W	73.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	57.70 dBW	Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	250KG7D		Digital Data
11700.0000 - 11950.0000 MHz	62M0G7W		Digital Data

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11700.0000 - 11950.0000 MHz	1M00G7W	Digital Data
11450.0000 - 11700.0000 MHz	250KG7D	Digital Data
11450.0000 - 11700.0000 MHz	1M00G7W	Digital Data
11200.0000 - 11450.0000 MHz	62M5G7W	Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W	Digital Data
10700.0000 - 10950.0000 MHz	62M0G7W	Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W	Digital Data

**Points of Communication:**

- 1 - GALAXY 11 - (93.1 W.L.)
- 1 - GALAXY 23 (S2592) - (121 W.L.)
- 1 - GALAXY 3C (S2381) - (95.05 W.L.)
- 1 - INTELSAT 11 (S2237) - (43.0 W.L.)
- 1 - INTELSAT 16 (S2750) - (58.10 W.L.)
- 1 - INTELSAT 16(S2750) - (76.2 W.L.)
- 1 - INTELSAT 1R (S2368) - (157.1 E.L.)
- 1 - INTELSAT 21 (S2863) - (58.0 W.L.)
- 1 - INTELSAT 29e (S2913) - (50.0 W.L.)
- 1 - INTELSAT 30 (S2887) - (95.05 W.L.)
- 1 - INTELSAT 31 (S2924) - (95.05 W.L.)
- 1 - INTELSAT 5 (S2704) - (156.9)
- 1 - INTELSAT 9 (S2380) - (29.5 W.L.)
- 1 - PERMITTED LIST - ()

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**SES-MOD-20180711-02171** E KG33 Spectrum Pacific West, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Spectrum Pacific West, LLC requests modification of its current authorization to correct and update the site information. See IBFS File No. SES-AMD-20181016-03282 updated emission designators.

SITE ID: 1

LOCATION: 773 N. WALNIUT RD., STANILAUS, TURLOCK, CA

37 ° 29 ' 54.80 " N LAT.

120 ° 52 ' 31.50 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC ATLANTA	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	AUDIO, VIDEO, AND DATA
ANTENNA ID:	2	4.6 meters	SCIENTIFIC ATLANTA	8005
	3700.0000 - 4200.0000 MHz		36M0G7W	AUDIO, VIDEO, AND DATA
ANTENNA ID:	3	5 meters	ATCI	SIMULSAT 5M.
	3700.0000 - 4200.0000 MHz		36M0G7W	AUDIO, VIDEO, AND DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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~~SES-MOD-20180730-02618~~ E E170210 Cox Radio, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Cox Radio, Inc. requests modification of its fixed earth station in St. Petersburg, FL to correct and update the site information, and add one new antenna.

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 - ()

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~~SES-MOD-20191223-01771~~ E E120095 MX1 Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

MX1 Inc. requests modification of its fixed earth station in Hawley, PA to replace one of their 4 unit antennas with a 4.9-meter antenna to communicate with Permitted List satellites in the 5925-6425 MHz (Earth-to-space) 3700-4200 MHz (space-to-Earth) frequency bands, all other technical data remains unchanged.

SITE ID: 1  
 LOCATION: 157 Kimbles Road, Pike, Hawley, PA  
 41 ° 27 ' 50.90 " N LAT. 75 ° 7 ' 51.00 " W LONG.

ANTENNA ID:	2	4.9 meters	CPI-ASCSIGNAL	PBESA49M.D	
	5925.0000 - 6425.0000 MHz		36M0G7W	73.30 dBW	Digital Video, Audio, and Data
	5925.0000 - 6425.0000 MHz		2M00G7W	71.60 dBW	Digital Video, Audio, and Data
	3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video, Audio, and Data
	3700.0000 - 4200.0000 MHz		2M00G7W		Digital Video, Audio, and Data
ANTENNA ID:	1	4.5 meters	SUNCOM	450 FC	
	5925.0000 - 6425.0000 MHz		36M0G7W	73.30 dBW	Digital Video, Audio, and Data
	5925.0000 - 6425.0000 MHz		2M00G7W	71.60 dBW	Digital Video, Audio, and Data
	3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video, Audio, and Data
	3700.0000 - 4200.0000 MHz		2M00G7W		Digital Video, Audio, and Data

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-REG-20180717-02240** E E181392 CCO SoCal I, LLC.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

CCO SoCal I, LLC amended this application to correct and update the site information. See IBFS File No. SES-AMD-20181016-03244 as amended.

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

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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 - ()

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**SES-REG-20181009-05034** E E191412 Moundridge Telephone Co.

Registration

**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)

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

Registration

**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 - ()

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

Registration

**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 - ()

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

Registration

**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 - ()

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**SES-REG-20181009-05086** E E191464 AC Holdings, Inc.

Registration

**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 - ()

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**SES-REG-20181009-05088** E E191466 AC Holdings, Inc.

Registration

**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 - ()

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**SES-REG-20181010-05196** E E191577 RAUL & CONSUELO PALAZUELOS

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: KTAS Studio

LOCATION: 330 West Carmen Lane, Santa Barbara, Santa Maria, CA  
34 ° 55 ' 28.60 " N LAT. 120 ° 26 ' 25.10 " W LONG.

ANTENNA ID: KTAS 2-4 2.7 meters DH Satellite DH 27PLB  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

ANTENNA ID: KTAS 1 3.3 meters DH Satellite DH 33FAE



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3700.0000 - 4200.0000 MHz

36M0G7W

Digital video, audio and data on phase modulated carriers

**Points of Communication:**

KTAS Studio - PERMITTED LIST - ()

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**SES-REG-20181011-05407** E E200112 Results Broadcasting, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** WATK / WACD

**LOCATION:** N2237 Hwy 45 S, Langlade, Antigo, WI

45 ° 6 ' 23.80 " N LAT.

89 ° 9 ' 12.42 " 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:**

WATK / WACD - PERMITTED LIST - ()

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**SES-REG-20181011-05410** E E200115 Board of Governors of Missouri State University

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** KOZK C-Band

**LOCATION:** 700 E. Madison St, Greene, Springfield, MO

37 ° 11 ' 59.66 " N LAT.

93 ° 17 ' 3.59 " W LONG.

**ANTENNA ID:** PBS-C

3.8 meters

Comtech Antenna Systems

3.8 Meter Fiberglass

3700.0000 - 4200.0000 MHz

30M0G7W

0.00 dBW

Digital Video

**Points of Communication:**

KOZK C-Band - PERMITTED LIST - ()

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**SES-REG-20181011-05411** E E200116 University of Central Florida

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** WUCF

**LOCATION:** Research Pkwy & Alafaya Trail, Orange, Orlando, FL

28 ° 35 ' 26.70 " N LAT.

81 ° 12 ' 16.40 " W LONG.

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ANTENNA ID:	3.7M	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G7W	Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F7W	Digital / analog traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0F7W	Digital / analog traffic, various FEC, data rates and modulation

**Points of Communication:**

WUCF - PERMITTED LIST - ()

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**SES-REG-20181011-05413** E E200118 WAY MEDIA, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Site 1

LOCATION: Madison Blvd, Suite 8, Madison, Madison, AL  
 34 ° 40 ' 7.49 " N LAT. 86 ° 46 ' 24.96 " W LONG.

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

**Points of Communication:**

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**SES-REG-20181011-05416** E E200121 Digital Networks-Wichita, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: KSMI

LOCATION: 401 S Greenwood, Sedgwick, Wichita, KS  
 37 ° 40 ' 50.50 " N LAT. 97 ° 19 ' 8.09 " W LONG.

ANTENNA ID:	ANT1	3 meters	DH	3.0M Az-EL
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW Modulation and Services Digital Video

**Points of Communication:**

KSMI - PERMITTED LIST - ()

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

Registration

**Class of Station:** Fixed Earth Stations

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**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 - ()

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

Registration

**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 - ()

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

Registration

**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 - ()

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**SES-REG-20181012-05486** E E200192 White Communications, L.L.C.

Registration

**Class of Station:** Fixed Earth Stations

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**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 - ()

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**SES-REG-20181012-05487** E E200193 Benne Broadcasting of Bolivar LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 205 N Pike Ave (KYOOSAT DISH), Polk, Bolivar, MO  
37 ° 36 ' 51.24 " N LAT.

93 ° 24 ' 51.51 " W LONG.

ANTENNA ID: KYOOSAT 3.7 meters Viking Satcom P370FAE

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20181012-05488** E E200194 Co-Mo Comm, Inc.

Registration

**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 - ()

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**SES-REG-20181012-05491** E E200196 JDK BROADCASTING LLC

Registration

**Class of Station:** Fixed Earth Stations

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**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)

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**SES-REG-20181012-05508** E E200213 JDL Broadcasting, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 627 Archer Avenue, Clark, Marshall, IL  
39 ° 23 ' 28.10 " N LAT.

87 ° 41 ' 41.00 " W LONG.

ANTENNA ID: 1 3.7 meters DH Satellite 37DH1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

**Points of Communication:**

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

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**SES-REG-20181012-05550** E E200254 Redwood Television Partners LLC

Registration

**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 - ()

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**SES-REG-20181012-05553** E E200257 MW SpringMo, Inc.

Registration

**Class of Station:** Fixed Earth Stations

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**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 - ()

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

Registration

**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 - ()

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

Registration

**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 - ()

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

Registration

**Class of Station:** Fixed Earth Stations

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**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 - ()

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**SES-REG-20181012-05600** E E200303 EDB VV License LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 755 West 28th Street, Yuma, Yuma, AZ  
32 ° 40 ' 32.92 " N LAT. 114 ° 37 ' 41.76 " W LONG.

ANTENNA ID: Yuma One 3.8 meters Challenger Prime  
3700.0000 - 4200.0000 MHz 36M0G7W Digital

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20181012-05602** E E200305 NKTELCO, INC.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: New Knoxville  
LOCATION: 301 W South St., Auglaize, New Knoxville, OH  
40 ° 29 ' 32.90 " N LAT. 84 ° 19 ' 9.90 " W LONG.

ANTENNA ID: Dish 1 3.8 meters Satellite Patriot n/a  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QPSK, Video

ANTENNA ID: Dish 2 3.8 meters Satellite Patriot n/a  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QPSK, Video

ANTENNA ID: Dish 3 3.65 meters n/a n/a  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QPSK, Video

ANTENNA ID:	Dish 4	3.8 meters	n/a	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK, Video
ANTENNA ID:	Dish 6	3.8 meters	Satellite Patriot	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK, Video
ANTENNA ID:	Dish 7	3.8 meters	Satellite Patriot	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK, Video
ANTENNA ID:	Dish 8	5.4 meters	N/A	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK, Video

SITE ID: Mercer/Coldwater  
LOCATION: 4256 Burkettsville St. Henry Rd., Ohio, Coldwater, OH  
40 ° 28 ' 22.10 " N LAT. 84 ° 38 ' 33.50 " W LONG.

ANTENNA ID:	MC-Dish1	3.81 meters	Satellite Patriot	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK, Video
ANTENNA ID:	MC-Dish2	3.81 meters	Satellite Patriot	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, Video
ANTENNA ID:	MC-Dish3	3.81 meters	Satellite Patriot	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK, Video
ANTENNA ID:	MC-Dish4	3.81 meters	Satellite Patriot	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK, Video
ANTENNA ID:	MC-Dish5	3.81 meters	Satellite Patriot	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, Video
ANTENNA ID:	MC-Dish6	4.52 meters	Satellite Patriot	n/a	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK, Video

**Points of Communication:**

- Mercer/Coldwater - AMC 10 (S2432) - (135 W.L.)
- Mercer/Coldwater - AMC-11(S2433) - (131 W.L.)
- Mercer/Coldwater - AMC-18 (S2713) - (139 WL)
- Mercer/Coldwater - GALAXY 13 (S2386) - (127 W.L.)



Mercer/Coldwater - GALAXY 14 (S2385) - (125 W.L.)

Mercer/Coldwater - GALAXY 15 (S2387) - (133.1)

Mercer/Coldwater - GALAXY 17 (S2715) - (91 W.L.)

Mercer/Coldwater - GALAXY 23 (S2592) - (121 W.L.)

Mercer/Coldwater - SES-1 (S2807) - (101.0 W.L.)

Mercer/Coldwater - SES-11 (S2964) - (104.95 W.L.)

Mercer/Coldwater - SES-3 (S2892) - (103 W.L.)

New Knoxville - AMC 10 (S2432) - (135 W.L.)

New Knoxville - AMC-11(S2433) - (131 W.L.)

New Knoxville - GALAXY 13 (S2386) - (127 W.L.)

New Knoxville - GALAXY 14 (S2385) - (125 W.L.)

New Knoxville - GALAXY 15 (S2387) - (133.1)

New Knoxville - GALAXY 17 (S2715) - (91 W.L.)

New Knoxville - GALAXY 18 (S2733) - (123 W.L.)

New Knoxville - GALAXY 23 (S2592) - (121 W.L.)

New Knoxville - GALAXY 28 (S2160) - (89.0 W.L.)

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

New Knoxville - SES-11 (S2964) - (104.95 W.L.)

New Knoxville - SES-3 (S2892) - (103 W.L.)

**SES-REG-20181012-05606**    E E200309    Galaxy Syracuse Licensee LLC

Registration

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

SITE ID:                    Walton St. #1

LOCATION:                    235 Walton St., Onondaga, Syracuse, NY

43 ° 2 ' 51.60 " N LAT.

76 ° 9 ' 27.00 " W LONG.

ANTENNA ID:    1                                    3.8 meters                    DH Satellite                                    38DH4

3700.0000 - 4200.0000 MHz                                    36M0G7W                                    Digital Video and Audio

**Points of Communication:**

Walton St. #1 - PERMITTED LIST - ()

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**SES-REG-20181012-05609** E E200311 Tower Broadcasting LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Elmira Studio

LOCATION: 1705 Lake Road, Chemung, Elmira, NY

ANTENNA ID: ANT1 3.7 meters DAWNco SATPACK-D37-radio

3700.0000 - 4200.0000 MHz 36M0G7W Digital

**Points of Communication:**

Elmira Studio - PERMITTED LIST - ()

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**SES-REG-20181013-05611** E E200313 Brewer Broadcasting of Chattanooga, Inc

Registration

**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 - ()

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**SES-REG-20181013-05613** E E200315 Rugby Broadcasters, Incorporated

Registration

**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 - ()

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**SES-REG-20181013-05616** E E200318 Team Radio LLC

Registration

**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 - ()

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**SES-REG-20181013-05617** E E200319 Fiorini Broadcasting, LLC

Registration

**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 - ()

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**SES-REG-20181014-05634** E E200336 Channel 3 TV Company LLC

Registration

**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.

ANTENNA ID: MC1 3.7 meters Viking Satcom P370FAE

3700.0000 - 4200.0000 MHz 36M0G7W Digital

**Points of Communication:**

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Morgan County - PERMITTED LIST - ()

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**SES-REG-20181014-05641** E E200339 Radio Hendersonville, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: SITE-1

LOCATION: 1450 7tj Ave East, Henderson, Hendersonville, NC

35 ° 19 ' 46.63 " N LAT.

82 ° 26 ' 58.67 " W LONG.

ANTENNA ID: Dish-1 3.7 meters unknown unknown

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Audio signals

**Points of Communication:**

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SITE-1 - PERMITTED LIST - ()

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**SES-REG-20181014-05642** E E200340 NRG License Sub, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: NRG Ottawa Studio

LOCATION: 216 W Lafayette, LaSalle, Ottawa, IL

41 ° 21 ' 0.60 " N LAT.

88 ° 50 ' 35.30 " W LONG.

ANTENNA ID: DH 3.7M 3.7 meters DH Satellite 48' Az-EI

3700.0000 - 4200.0000 MHz 36M0G7W QPSK 8PSK Digital

**Points of Communication:**

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NRG Ottawa Studio - AMC-15 (S2180) - (105.0 W.L.)

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**SES-REG-20181014-05653** E E200350 NRG License Sub, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: NRG Grand Isl Studio

LOCATION: 3532 West Capital, Hall, Grand Island, NE

40 ° 56 ' 47.40 " N LAT.

98 ° 23 ' 9.30 " W LONG.

ANTENNA ID: DH 3.7M 3.7 meters DH Satellite 48' Az-EI

3700.0000 - 4200.0000 MHz 36M0G7W QPSK 8PSK Digital

**Points of Communication:**

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NRG Grand Isl Studio - AMC-15 (S2180) - (105.0 W.L.)

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**SES-REG-20181014-05654** E E200351 Channel 3 TV Company LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service, Other

SITE ID: Jamaica Court

LOCATION: 3001 S. Jamaica Ct., Arapahoe, Aurora, CO

39 ° 39 ' 41.00 " N LAT.

104 ° 51 ' 45.00 " W LONG.

ANTENNA ID: JC1 3.8 meters Patriot Antenna Sys. PRT-380AZ

3700.0000 - 4200.0000 MHz 36M0G7W Digital

ANTENNA ID: JC2 3.8 meters Patriot Antenna Sys. PRT-380AZ

3700.0000 - 4200.0000 MHz 36M0G7W Digital

**Points of Communication:**

Jamaica Court - PERMITTED LIST - ()

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**SES-REG-20181014-05655** E E200352 KNAB, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Site 1

LOCATION: 17543 CR 49, BURLINGTON, CO

37 ° 17 ' 41.00 " N LAT.

102 ° 15 ' 38.70 " W LONG.

ANTENNA ID: Ant 1 3.7 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW

**Points of Communication:**

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**SES-REG-20181014-05656** E E200353 GCI Communication Corp.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Rx-Only

LOCATION: 1007 W 32nd Avenue, Anchorage, AK

61 ° 11 ' 31.72 " N LAT.

149 ° 54 ' 12.21 " W LONG.

ANTENNA ID: 2958 9 meters Harris 5251

3700.0000 - 4200.0000 MHz 45K0G7W Phase modulated video, and data services.

	3700.0000 - 4200.0000 MHz		36M0G7W	Phase modulated video, and data services.
	3700.0000 - 4200.0000 MHz		45K0D7W	Phase and amplitude modulated video, and data services.
	3700.0000 - 4200.0000 MHz		36M0D7W	Phase and amplitude modulated video, and data services.
ANTENNA ID:	2960	4.5 meters	DH Satellite	Gibraltar 4.5m
	3700.0000 - 4200.0000 MHz		45K0G7W	Phase modulated video, and data services.
	3700.0000 - 4200.0000 MHz		36M0G7W	Phase modulated video, and data services.
	3700.0000 - 4200.0000 MHz		45K0D7W	Phase and amplitude modulated video, and data services.
	3700.0000 - 4200.0000 MHz		36M0D7W	Phase and amplitude modulated video, and data services.
ANTENNA ID:	2962	5.6 meters	Andrew	ES56
	3700.0000 - 4200.0000 MHz		45K0G7W	Phase modulated video, and data services.
	3700.0000 - 4200.0000 MHz		36M0G7W	Phase modulated video, and data services.
	3700.0000 - 4200.0000 MHz		45K0D7W	Phase and amplitude modulated video, and data services.
	3700.0000 - 4200.0000 MHz		36M0D7W	Phase and amplitude modulated video, and data services.
ANTENNA ID:	3276	7.5 meters	Challenger	7.5m
	3700.0000 - 4200.0000 MHz		45K0G7W	Phase modulated video, and data services.
	3700.0000 - 4200.0000 MHz		36M0G7W	Phase modulated video, and data services.
	3700.0000 - 4200.0000 MHz		45K0D7W	Phase and amplitude modulated video, and data services.
	3700.0000 - 4200.0000 MHz		36M0D7W	Phase and amplitude modulated video, and data services.
ANTENNA ID:	2957	4.5 meters	Patriot	4.5m
	3700.0000 - 4200.0000 MHz		45K0G7W	Phase modulated video, and data services.

3700.0000 - 4200.0000 MHz	36M0G7W	Phase modulated video, and data services.
3700.0000 - 4200.0000 MHz	45K0D7W	Phase and amplitude modulated video, and data services.
3700.0000 - 4200.0000 MHz	36M0D7W	Phase and amplitude modulated video, and data services.

**Points of Communication:**

Rx-Only - OTHER -

**SES-REG-20181014-05658** E E200355 PINES BROADCASTING, INC.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Warren, AR Site

LOCATION: 1255 N. MYRTLE, Bradley, WARREN, AR

33 ° 38 ' 8.50 " N LAT.

92 ° 3 ' 48.90 " W LONG.

ANTENNA ID: ANT1 3.7 meters STI D-ST12

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

**Points of Communication:**

Warren, AR Site - PERMITTED LIST - ()

**SES-REG-20181014-05659** E E200356 PINES BROADCASTING, INC.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Monticello, AR Site

LOCATION: 279 Midway Route, Drew, Monticello, AR

33 ° 36 ' 15.50 " N LAT.

91 ° 47 ' 13.00 " W LONG.

ANTENNA ID: Site 1 3.7 meters STI D-ST12

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

**Points of Communication:**

Monticello, AR Site - PERMITTED LIST - ()

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**SES-REG-20181014-05660** E E200357 NRG License Sub, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: NRG Kearney Studio

LOCATION: 2223 Central Ave, Buffalo, Kearney, NE

40 ° 41 ' 54.60 " N LAT.

99 ° 4 ' 53.40 " W LONG.

ANTENNA ID: DH 3.7M 3.7 meters DH Satellite 48' Az-EI

3700.0000 - 4200.0000 MHz 36M0G7W QPSK 8PSK Digital

**Points of Communication:**

NRG Kearney Studio - AMC-15 (S2180) - (105.0 W.L.)

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**SES-REG-20181015-04808** E E191179 Cable One, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**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 - ()

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

Registration

**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:**



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1 - PERMITTED LIST - ()

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**SES-REG-20181015-05706** E E200395 James G Boles Jr

Registration

**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:**

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Site 1 - PERMITTED LIST - ()

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**SES-REG-20181016-04818** E E191189 Classic Cable of Louisiana LLC

Registration

**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:**

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1 - PERMITTED LIST - ()

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**SES-REG-20181016-05711** E E200400 Arizona State University

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: KAET/CSJ Studio

LOCATION: 555 N. Central Av Suite 500, Maricopa, Phoenix, AZ

33 ° 27 ' 13.20 " N LAT.

112 ° 4 ' 22.50 " W LONG.

ANTENNA ID: KAET/CSJ 4.5 meters Patriot Antenna Systems PRT-450

3700.0000 - 4200.0000 MHz 36M0G7W 8PSK TV programming streams

**Points of Communication:**

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KAET/CSJ Studio - PERMITTED LIST - ()

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**SES-REG-20181017-05493** E E200198 TDS BROADBAND SERVICE LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1006 E Holland Ave, Alpine, TX  
30 ° 21 ' 35.90 " N LAT.

103 ° 39 ' 6.95 " W LONG.

ANTENNA ID: 1 3.8 meters Patroit Comm Ant EZ Mount

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 3.8 meters Patroit Comm Ant EZ Mount

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 3 3.8 meters Patroit Comm Ant EZ Mount

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 4 3.8 meters Patroit Comm Ant EZ Mount

3700.0000 - 4200.0000 MHz 36M0G7W

**Points of Communication:**

1 - PERMITTED LIST - ()

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