



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
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Report No. SES-02092

Wednesday August 29, 2018

Satellite Communications Services Information re: Actions Taken

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

SES-ASG-20171114-01393 E E900554 Koch Pipeline Company LP
Application for Consent to Assignment
Grant of Authority Date Effective: 08/22/2018

Current Licensee: Koch Pipeline Company LP
FROM: KOCH PIPELINE COMPANY LP
TO: Flint Hills Resources, LC

No. of Station(s) listed: 2

SES-MFS-20180813-02153 E KL92 Intelsat License LLC
Modification 09/30/2008 - 09/30/2023
Withdrawn Date Effective: 08/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: CASTLE ROCK TELEPORT
LOCATION: 5281 EAST GARTON ROAD, DOUGLASS, CASTLE ROCK, CO
39 ° 16 ' 38.00 " N LAT. 104 ° 48 ' 26.90 " W LONG.

ANTENNA ID: 7.6 Group	7.6 meters	NEC	APS-12/14-F07
14497.0000 - 14497.0000 MHz	1M00N0N	68.50 dBW	COMMAND. Emission NON denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	43G0G7W	85.00 dBW	DIGITAL VIDEO & DATA

14000.0000 - 14500.0000 MHz	750KF2D	67.00 dBW	COMMAND CARRIER
12190.0000 - 12200.0000 MHz	70K0N0N	0.00 dBW	TELEMETRY
11700.0000 - 12200.0000 MHz	43M0G7W		DIGITAL DATA
11700.0000 - 12200.0000 MHz	43G0G7W		DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND CARRIER
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO & DATA
ANTENNA ID: CK-4/5	8.1 meters	HARRIS	5,349
14497.0000 - 14497.0000 MHz	1M00N0N	68.50 dBW	COMMAND. Emission NON denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	64K0G7W	56.70 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz	43G0G7W	85.00 dBW	DIGITAL VIDEO & DATA
14000.0000 - 14500.0000 MHz	750KF2D	67.00 dBW	COMMAND CARRIER
12190.0000 - 12200.0000 MHz	70K0N0N	0.00 dBW	TELEMETRY
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND CARRIER
11700.0000 - 12200.0000 MHz	43M0G7W		DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	43M0G7W	0.00 dBW	DIGITAL DATA
ANTENNA ID: CK1-7.6	7.6 meters	NEC	90670A
14497.0000 - 14497.0000 MHz	1M00N0N	69.50 dBW	COMMAND. Emission NON denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	750KF2D	67.00 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz	64K0G7W	56.70 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz	43G0G7W	85.00 dBW	DIGITAL VIDEO & DATA
13999.0000 - 13999.0000 MHz	750KF2D	85.00 dBW	TT&C
13751.0000 - 13751.0000 MHz	750KF2D	85.00 dBW	TT&C

13750.0000 - 14000.0000 MHz	900KF2D	85.00 dBW	COMMAND CARRIER
12190.0000 - 12200.0000 MHz	70K0N0N	0.00 dBW	TELEMETRY
11700.0000 - 12200.0000 MHz	43M0G7W		DIGITAL DATA
11700.0000 - 12200.0000 MHz	64K0G7W		COMMAND CARRIER
11700.0000 - 12200.0000 MHz	43G0G7W		DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND CARRIER
11450.0000 - 11700.0000 MHz	750KF2D		TT&C
10950.0000 - 11200.0000 MHz	600KF2D		TELEMETRY CARRIER
ANTENNA ID: CF-1-12.5	12.5 meters	NEC	12.5M
14000.0000 - 14500.0000 MHz	64K0G7W	56.50 dBW	DIGITAL VIDEO AND DATA
14000.0000 - 14500.0000 MHz	750KF2D	72.00 dBW	COMMAND
14000.0000 - 14500.0000 MHz	43M0G7W	77.23 dBW	DIGITAL VIDEO AND DATA
14000.0000 - 14500.0000 MHz	750KF2D	73.90 dBW	COMMAND
13750.0000 - 14000.0000 MHz	750KF2D	85.00 dBW	TT&C AND COMMAND
13750.0000 - 14000.0000 MHz	900KF2D	85.00 dBW	COMMAND CARRIER
12190.0000 - 12200.0000 MHz	64K0N0N		TELEMETRY Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
11700.0000 - 12200.0000 MHz	64K0N0N		COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND
11700.0000 - 12200.0000 MHz	43M0G7W		DIGTL DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
11450.0000 - 11700.0000 MHz	750KF2D		TT&C AND COMMAND
10950.0000 - 11200.0000 MHz	600KF2D		TELEMETRY CARRIER
13249.5000 - 13249.5000 MHz	950KG7D	85.00 dBW	TT&C
14498.0000 - 14498.0000 MHz	950KG7D	73.00 dBW	TT&C

11446.5000 - 11446.5000 MHz	500KG7D		TT&C
11443.5000 - 11443.5000 MHz	500KG7D		TT&C
11447.0000 - 11447.0000 MHz	500KG7D		TT&C
11443.0000 - 11443.0000 MHz	500KG7D		TT&C
ANTENNA ID: 12.5M	12.5 meters	NEC	12.5M
14497.0000 - 14497.0000 MHz	1M00N0N	73.90 dBW	COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	64K0G7W	56.50 dBW	DIGITAL VIDEO & DATA
14000.0000 - 14500.0000 MHz	43G0G7W	85.00 dBW	DIGITAL VIDEO & DATA
14000.0000 - 14500.0000 MHz	750KF2D	72.00 dBW	COMMAND CARRIER
13750.0000 - 14000.0000 MHz	750KF2D	85.00 dBW	TT&C, COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
12190.0000 - 12200.0000 MHz	70K0N0N		TELEMETRY
11700.0000 - 12200.0000 MHz	43M0G7W		DIGITAL DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	43G0G7W		DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND CARRIER
11450.0000 - 11700.0000 MHz	750KF2D		TT&C

Points of Communication:

CASTLE ROCK TELEPORT - INTELSAT 30 (S2887) - (95.05 W.L.)

CASTLE ROCK TELEPORT - INTELSAT 31 (S2924) - (95.05 W.L.)

CASTLE ROCK TELEPORT - PERMITTED LIST - ()

CASTLE ROCK TELEPORT - SKY-B1(S2922) - (43.15 W.L.)

Modification
 Withdrawn

02/11/2016 - 02/11/2031
 Date Effective: 08/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MTN-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
	11198.5000 - 11198.5000 MHz		500KG7D	TELEMETRY
	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
	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
	14000.0000 - 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
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
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
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
11198.0000 - 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
14000.5000 - 14000.5000 MHz	850KF7D	73.20 dBW	TT&C
14494.5000 - 14494.5000 MHz	850KF7D	73.20 dBW	TT&C

11702.0000 - 11702.0000 MHz	850KF7D		TT&C
11700.5000 - 11700.5000 MHz	850KF7D		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

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Audio, Video, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180518-00779 E WZ61 CBS Communications Services Inc.
Application for Modification 04/16/2011 - 04/16/2026
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: CLEARVIEW RD. & KDKA DR., ALLEGHENY, ALLISON PARK, PA
40 ° 33 ' 32.10 " N LAT. 79 ° 57 ' 14.60 " W LONG.

ANTENNA ID:	1	4.5 meters	VIASAT	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL AUDIO, VIDEO, DATA
ANTENNA ID:	2	6.1 meters	VIASAT	8060
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL AUDIO, VIDEO, DATA
ANTENNA ID:	3	7.6 meters	ASC SIGNAL	ES76
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL AUDIO, VIDEO, DATA
ANTENNA ID:	4	4.5 meters	SCIENTIFIC ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL AUDIO, VIDEO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180611-01319 E E060384 Intelsat License LLC
Application for Modification 11/27/2006 - 11/27/2021
Grant of Authority Date Effective: 08/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 22401 JUNIPER FLATS ROAD, RIVERSIDE, NUEVO, CA
33 ° 47 ' 47.30 " N LAT. 117 ° 5 ' 15.00 " W LONG.

ANTENNA ID:	IPC-08C	9 meters	VERTEX/RSI	9M.
	14000.0000 - 14500.0000 MHz		36M0F3F 87.10 dBW	ANALOG VIDEO

14000.0000 - 14500.0000 MHz	45K8G7D-	56.70 dBW	DIGITAL CARRIERS
14000.0000 - 14500.0000 MHz	16K0F8D	58.10 dBW	ANALOG TT&C CARRIER
14000.0000 - 14500.0000 MHz	1M00F8D	76.10 dBW	ANALOG TT&C CARRIER
14000.0000 - 14500.0000 MHz	1M00G7D	70.10 dBW	DIGITAL TT&C CARRIERS
14000.0000 - 14500.0000 MHz	200KG7D	63.10 dBW	DIGITAL TT&C CARRIERS
14000.0000 - 14500.0000 MHz	72M0G7D	88.70 dBW	COMBINATION OF DIGITAL CARRIERS
13997.5000 - 13997.5000 MHz	850KG7D	85.00 dBW	TT&C
13750.0000 - 14000.0000 MHz	900KF2D	85.00 dBW	COMMAND CARRIER
11700.0000 - 12200.0000 MHz	72M0G7D		COMBINATION OF DIGITAL CARRIERS
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL TT&C CARRIERS
11700.0000 - 12200.0000 MHz	1M00G7D		DIGITAL TT&C CARRIERS
11700.0000 - 12200.0000 MHz	1M00F8D		ANALOG TT&C CARRIER
11700.0000 - 12200.0000 MHz	16K0F8D		ANALOG TT&C CARRIER
11700.0000 - 12200.0000 MHz	45K8G7D-		DIGITAL CARRIERS
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO
10950.0000 - 11200.0000 MHz	600KG7D		TELEMETRY CARRIER
10950.0000 - 11200.0000 MHz	600KF2D		TELEMETRY CARRIER
12198.2500 - 12198.2500 MHz	300KF7D		TELEMETRY CARRIER
12198.7500 - 12198.7500 MHz	300KF7D		TELEMETRY CARRIER
13997.5000 - 13997.5000 MHz	850KF7D	88.80 dBW	COMMAND
14199.5000 - 14499.5000 MHz	850KF7D	88.80 dBW	COMMAND

Points of Communication:

- 1 - INTELSAT 16(S2750) - (76.2 W.L.)
- 1 - INTELSAT 30 (S2887) - (95.05 W.L.)
- 1 - INTELSAT 31 (S2924) - (95.05 W.L.)
- 1 - PERMITTED LIST - ()

3700.0000 - 4200.0000 MHz

30M0G7W

Ditital Video Modulation and Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180523-00931 E E180505 University of Kansas

Registration

05/23/2018 - 05/23/2033

Grant of Authority

Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1392 Rd 140 (KANH Dish), Lyon, Emopria, KS

38 ° 21 ' 44.00 " N LAT.

96 ° 6 ' 59.00 " W LONG.

ANTENNA ID: KANH Dish1 3.7 meters Prodelin corporation 3.7 M

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Broadcast Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180529-00981 E E180546 University of Kansas

Registration

05/29/2018 - 05/29/2033

Grant of Authority

Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 15882 US Hwy 75 (KANQ Dish), Wilson, Altoona, KS

37 ° 35 ' 59.00 " N LAT.

95 ° 39 ' 11.00 " W LONG.

ANTENNA ID: KANQ Dish1 3.7 meters Prodelin corporation 3.7 M.

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Broadcast Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180531-01054 E E180607 Minnesota Public Radio

Registration

05/31/2018 - 05/31/2033

Grant of Authority

Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1120 East Orange Street, St. Louis, Duluth, MN
46 ° 47 ' 20.00 " N LAT. 92 ° 7 ' 4.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 150KF3D

Points of Communication:

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

SES-REG-20180531-01055 E E180608 Minnesota Public Radio
Registration 05/31/2018 - 05/31/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 261 Figueroa Street, Los Angeles, Los Angeles, CA
34 ° 3 ' 20.00 " N LAT. 118 ° 15 ' 17.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 150KF3D Single Channel Carrier-receive only

Points of Communication:

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

SES-REG-20180604-00971 E E180538 Broadcast One, Inc.
Registration 05/29/2018 - 05/29/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2609 Jordan Lane, Madison, Huntsville, AL
34 ° 45 ' 32.00 " N LAT. 86 ° 38 ' 35.00 " W LONG.

ANTENNA ID: .3.7M. 3.7 meters Prodelin 1374-995

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180604-01176 E E180667 National Cable Satellite Corporation d/b/a C-SPAN
Registration 06/04/2018 - 06/04/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1435 Win Hentschel Blvd (C-SPAN Archives), West Lafayette, IN
40 ° 27 ' 48.00 " N LAT. 86 ° 56 ' 1.00 " W LONG.

ANTENNA ID:	ANT1	3 meters	TVROfiberglass	PrimeFocus	
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW	Modulation and Services Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW	Modulation and Services Analog Video with associated subcarriers
ANTENNA ID:	ANT2	3 meters	TVROfiberglass	PrimeFocus	
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW	Modulation and Services Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW	Modulation and Services Analog Video with associated subcarriers
ANTENNA ID:	ANT3	3 meters	TVROfiberglass	PrimeFocus	
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW	Modulation and Services Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW	Modulation and Services Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180605-01162 E E180657 Minnesota Public Radio
Registration 06/05/2018 - 06/05/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 56803 350th Street, Roseau, Warroad, MN
48 ° 54 ' 10.00 " N LAT. 95 ° 22 ' 38.00 " W LONG.

ANTENNA ID:	3.7m	3.7 meters	Prodelin	1374	
	3700.0000 - 4200.0000 MHz		76K8G1D		Single Channel Carrier-Receive Only

Points of Communication:

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

SES-REG-20180605-01179 E E180669 Minnesota Public Radio
Registration 06/05/2018 - 06/05/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 960 County Road F, Ramsey, Shoreview, MN
45 ° 3 ' 44.00 " N LAT. 93 ° 8 ' 21.00 " W LONG.

ANTENNA ID: 3.7m 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 76K8G1D Single Channel Carrier-Receive Only

Points of Communication:

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

SES-REG-20180606-01158 E E180653 Minnesota Public Radio
Registration 06/06/2018 - 06/06/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 90 Jones Street, St. Louis, Buhl, MN
47 ° 29 ' 46.00 " N LAT. 92 ° 47 ' 5.00 " W LONG.

ANTENNA ID: 3.7m 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 76K8G1D Single Channel Carrier-Receive Only

Points of Communication:

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

SES-REG-20180606-01159 E E180654 Minnesota Public Radio
Registration 06/06/2018 - 06/06/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 20825 260th Street, Stearns, Richmond, MN
45 ° 29 ' 52.00 " N LAT. 94 ° 32 ' 14.00 " W LONG.

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 866 Devine St, Montgomery, Winona, MS

33 ° 29 ' 45.00 " N LAT.

89 ° 44 ' 42.80 " W LONG.

ANTENNA ID: 5 mete

5 meters

Antenna Tech Corp

Simulsat 5M

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180615-01508 E E180879 Dominion Broadcasting, Inc.

Registration

06/15/2018 - 06/15/2033

Grant of Authority

Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 825 Capital Commons Drive, Lucas, Toledo, OH

41 ° 37 ' 30.50 " N LAT.

83 ° 40 ' 16.30 " W LONG.

ANTENNA ID: 1

3.7 meters

DH Satellite

3.7 Meter

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL VIDEO AUDIO AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180616-01531 E E180896 Augusta Radio Fellowship Institute, Inc.

Registration

06/16/2018 - 06/16/2033

Grant of Authority

Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Rocky Road at Healing Springs Road (WHBJ), Barnwell, Blackville, SC

33 ° 24 ' 55.50 " N LAT.

81 ° 18 ' 9.40 " W LONG.

ANTENNA ID: 1

3.7 meters

Prodelin

1374

3700.0000 - 4200.0000 MHz

36M0G7W

Digital modulation of media content at varying data rates and FEC

Points of Communication:

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01690 E E181005 Mediacom Communications Corporation
Registration 06/19/2018 - 06/19/2033
Grant of Authority Date Effective: 08/21/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 29285 Valley Blvd, Riverside, Sun City, CA
33 ° 41 ' 46.91 " N LAT. 117 ° 12 ' 42.01 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01567 E E180927 Carroll IMPACT Educational Association
Registration 06/20/2018 - 06/20/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 528 North Court St. Suite 3, Carroll, Carroll, IA
42 ° 2 ' 0.20 " N LAT. 94 ° 51 ' 1.50 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech CASI 3.8 Meter
3700.0000 - 4200.0000 MHz 30M0F8F DVBS DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01663 E E180982 Arkansas Hearst Television Inc.
Registration 06/20/2018 - 06/20/2033
Grant of Authority Date Effective: 08/21/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 23890 Witteville Road, Le Flore, Poteau, OK
35 ° 4 ' 18.10 " N LAT.

94 ° 40 ' 44.90 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	3.8 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01664 E E180981 Arkansas Hearst Television Inc.

Registration

06/20/2018 - 06/20/2033

Grant of Authority

Date Effective: 08/21/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2809 Ajax Ave, Suite 200, Benton, Rogers, AR
36 ° 17 ' 45.30 " N LAT.

94 ° 9 ' 51.60 " W LONG.

ANTENNA ID:	1	4.5 meters	DH Satellite	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	2	3.6 meters	EASi	3.6 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	3	3.7 meters	AFC	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	4	4.5 meters	EASi	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	5	4.5 meters	Patriot	4.5 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

3700.0000 - 4200.0000 MHz

36M0G7D

Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01669 E E180987 Mediacom Communications Corporation

Registration

06/20/2018 - 06/20/2033

Grant of Authority

Date Effective: 08/21/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 17800 Galena Rd., Kendall, Little Rock, IL

41 ° 42 ' 48.20 " N LAT.

88 ° 36 ' 4.70 " W LONG.

ANTENNA ID: 1 3.8 meters DH

Gibraltar

3700.0000 - 4200.0000 MHz

36M0G7D

Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01684 E E181000 Arkansas Hearst Television Inc.

Registration

06/20/2018 - 06/20/2033

Grant of Authority

Date Effective: 08/21/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 12009 Ed Edwards Road, Washington, Fayetteville, AR

36 ° 0 ' 56.90 " N LAT.

94 ° 5 ' 0.30 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot

3.8 Meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01685 E E181001 Hearst Properties Inc.

Registration

06/20/2018 - 06/20/2033

Grant of Authority

Date Effective: 08/21/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 700 Coliseum Drive, Forsyth, Winston Salem, NC
36 ° 7 ' 22.00 " N LAT. 80 ° 15 ' 46.60 " W LONG.

ANTENNA ID:	1	4.5 meters	SSE	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	3.6 meters	AFC	3.6 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.7 meters	Prodelin	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3.8 meters	Patriot	3.8 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	4.5 meters	DH	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	6	4.2 meters	DH	4.2 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01692	E E181007	Mediacom Communications Corporation	06/20/2018 - 06/20/2033
Registration			Date Effective: 08/21/2018
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3/10 mile N of US84 on Bold Springs Rd, Grady, Pine Park, GA
30 ° 52 ' 25.80 " N LAT. 84 ° 6 ' 11.20 " W LONG.

ANTENNA ID:	1	3.8 meters	DH	Gibraltar
	3700.0000 - 4200.0000 MHz		36M0G7D	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01571 E E180930 HBI Radio Alexandria, LLC
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 604 Third Avenue West, Douglas, Alexandria, MN
45 ° 53 ' 30.00 " N LAT. 95 ° 23 ' 8.00 " W LONG.

ANTENNA ID: 1 3.7 meters Viking Satcom 1374-990
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01573 E E180932 HBI Radio Brainerd/Wadena, LLC
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 701 Dogwood Drive, Crow Wing, Baxter, MN
46 ° 20 ' 37.00 " N LAT. 94 ° 14 ' 19.00 " W LONG.

ANTENNA ID: 1 3.7 meters Viking Satcom 1374-990
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01574 E E180933 HBI Radio Brainerd/Wadena, LLC
Registration 06/21/2018 - 06/21/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 201 1/2 Jefferson Street, Wadena, Wadena, MN
46 ° 26 ' 24.00 " N LAT. 95 ° 8 ' 20.00 " W LONG.

ANTENNA ID: 1 3.7 meters Viking Satcom 1374-990

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01857	E E181129	Charter Communications Operating, LLC	06/25/2018 - 06/25/2033
Registration			Date Effective: 08/28/2018
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 104 Watervliet Ave Ext, Albany, Albany, NY
 42 ° 40 ' 46.80 " N LAT. 73 ° 46 ' 53.20 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01867	E	E181138	Bryan Broadcasting License Corporation	06/25/2018 - 06/25/2033
Registration				Date Effective: 08/28/2018
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2700 Earl Rudder Freeway, Brazos, College Station, TX
30 ° 36 ' 2.90 " N LAT. 96 ° 17 ' 30.50 " W LONG.

ANTENNA ID: 2 3 meters Sami SI-10
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180626-01686 E E181002 Grant County Broadcasters, Inc
Registration 06/18/2018 - 06/18/2033
Grant of Authority Date Effective: 08/21/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4502 Rosedale, Butler, Middletown, OH
39 ° 30 ' 58.50 " N LAT. 84 ° 21 ' 4.90 " W LONG.

ANTENNA ID: 1 3.7 meters DH 3.7 METER
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180626-01688 E E181003 Grant County Broadcasters, Inc
Registration 06/18/2018 - 06/18/2033
Grant of Authority Date Effective: 08/21/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 118 S Main St, Grant, Dry Ridge, KY
38 ° 40 ' 22.10 " N LAT. 84 ° 34 ' 58.10 " W LONG.

ANTENNA ID: 1 3.7 meters DH 3.7 METER
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

SITE ID: 1
LOCATION: 2506 Rock Dr., Carlton, Scanlon, MN
46 ° 42 ' 1.20 " N LAT. 92 ° 25 ' 56.20 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180627-01854 E E181126 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 32 Mineral St., Hopkins, Madisonville, KY
37 ° 21 ' 38.20 " N LAT. 87 ° 33 ' 0.50 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180627-01855 E E181127 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: S. 7th Street, Clay, Clay City, IL
38 ° 41 ' 3.00 " N LAT. 88 ° 21 ' 18.00 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180627-01856 E E181128 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 99 Tornado Rd., Jackson, Murphysboro, IL
37 ° 47 ' 37.40 " N LAT. 89 ° 20 ' 57.10 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180627-01858 E E181130 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 905 Fairview St., Stephenson, German Valley, IL
47 ° 12 ' 47.90 " N LAT. 89 ° 29 ' 32.50 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180627-01859 E E181131 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: East Shady Oaks Road, Grundy, Minooka, IL
41 ° 26 ' 46.70 " N LAT. 88 ° 19 ' 36.10 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar

3700.0000 - 4200.0000 MHz

36M0G7D

Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01637 E E180962 CoxCom, LLC

Registration

06/18/2018 - 06/18/2033

Grant of Authority

Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2917 Eskridge Rd., Fairfax, FAIRFAX, VA

38 ° 52 ' 19.60 " N LAT.

77 ° 13 ' 50.90 " W LONG.

ANTENNA ID: 7.0AN

7 meters

ANTENNA TECH CORP

SIMULSAT 7-METER

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01641 E E180963 CoxCom, LLC

Registration

06/18/2018 - 06/18/2033

Grant of Authority

Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2917 Eskridge Rd., Fairfax, FAIRFAX, VA

38 ° 52 ' 19.90 " N LAT.

77 ° 13 ' 51.80 " W LONG.

ANTENNA ID: 4.5SU

4.5 meters

SUPERIOR SATELLITE SYSTEMS

4.5M PRIME FOCUS

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01643 E E180965 CoxCom, LLC

Registration

06/18/2018 - 06/18/2033

Grant of Authority

Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2917 Eskridge Rd., Fairfax, FAIRFAX, VA
38 ° 52 ' 20.00 " N LAT. 77 ° 13 ' 52.80 " W LONG.

ANTENNA ID: 9.3AN 9.3 meters ANDREW CORPORATION ESA9.3-46
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01650 E E180970 CoxCom, LLC
Registration 06/18/2018 - 06/18/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 220 SW. 20th St., Roanoke, ROANOKE, VA
37 ° 16 ' 39.60 " N LAT. 79 ° 58 ' 21.90 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Eagle Eagle 3.7 m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01651 E E180971 CoxCom, LLC
Registration 06/18/2018 - 06/18/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 220 SW. 20th St., Roanoke, ROANOKE, VA
37 ° 16 ' 38.70 " N LAT. 79 ° 58 ' 20.10 " W LONG.

ANTENNA ID: 3.7Da 3.7 meters DawnCo DawnCo 3.7 m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01652 E E180972 CoxCom, LLC
Registration 06/18/2018 - 06/18/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 220 SW. 20th St., Roanoke, ROANOKE, VA
37 ° 16 ' 38.90 " N LAT. 79 ° 58 ' 20.90 " W LONG.

ANTENNA ID: 3.7Ea 3.7 meters Eagle Eagle 3.7 m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01653 E E180973 CoxCom, LLC
Registration 06/18/2018 - 06/18/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 220 SW. 20th St., Roanoke, ROANOKE, VA
37 ° 16 ' 39.00 " N LAT. 79 ° 58 ' 21.30 " W LONG.

ANTENNA ID: 3.7Ea 3.7 meters Eagle Eagle 3.7 m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01656 E E180975 Cox Communications Hampton Roads LLC
Registration 06/18/2018 - 06/18/2033
Grant of Authority Date Effective: 08/28/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5200 Cleveland St., Virginia Beach City, VA BEACH, VA
36 ° 50 ' 38.30 " N LAT. 76 ° 9 ' 51.50 " W LONG.

ANTENNA ID: 4.5SU 4.5 meters SUPERIOR SATELLITE SYSTEMS 4.5M PRIME FOCUS

SITE ID: 1
LOCATION: 5200 Cleveland St., Virginia Beach City, VA BEACH, VA
36 ° 50 ' 39.90 " N LAT. 76 ° 9 ' 54.20 " W LONG.

ANTENNA ID: 4.5SU 4.5 meters SUPERIOR SATELLITE SYSTEMS 4.5M PRIME FOCUS
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180813-02212 E WQ81 Armstrong Utilities, Inc.
Renewal 08/24/2018 - 08/24/2033
Grant of Authority Date Effective: 08/23/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: ALLEGHANY, RICHLAND TOWNSHIP, PA
40 ° 40 ' 18.00 " N LAT. 79 ° 57 ' 15.00 " W LONG.

ANTENNA ID: 1 5 meters PR-16.4
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180813-02215 E WS34 Armstrong Utilities, Inc.
Renewal 08/24/2018 - 08/24/2033
Grant of Authority Date Effective: 08/22/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: WAYNE, ORRVILLE, OH
40 ° 49 ' 18.00 " N LAT. 81 ° 45 ' 8.00 " W LONG.

ANTENNA ID: 1 5 meters PR-16.42
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180816-02211 E E030251 San Diego State University
Renewal 10/27/2018 - 10/27/2033
Grant of Authority Date Effective: 08/22/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 5200 CAMPANILE DRIVE (KPBS-FM), SAN DIEGO, SAN DIEGO, CA
32 ° 16 ' 25.35 " N LAT. 106 ° 44 ' 38.03 " W LONG.

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180820-02253 E E6426 Cebridge Acquisition, L.P.
Renewal 11/18/2018 - 11/18/2033
Grant of Authority Date Effective: 08/27/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: SMITH, TYLER, TX
32 ° 14 ' 5.00 " N LAT. 95 ° 26 ' 47.00 " W LONG.

ANTENNA ID:	1	4.6 meters	SCIENTIFIC ATLANTA	8005
	3700.0000 - 4200.0000 MHz		36000F9	

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20180712-01788 E E170089 SES Americom, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 08/28/2018

Class of Station:

On August 28, 2018, SES Americom, Inc. was granted special temporary authority for 180 days, to operate its fixed earth station in Mt. Airy, MD to provide telemetry, tracking and command services to the ASTRA 1H satellite as it relocates from 67° W.L. to 80.8° W.L. on the following center frequencies: 14008.5 MHz and 14250.5 MHz (Earth-to-space), and 11693.5 MHz and 11707.0 MHz (space-to-Earth).

Points of Communication:

SES-STA-20180810-02234 E E000152 SES Americom, Inc.

Special Temporary Authority
Grant of Authority

Date Effective: 08/22/2018

Class of Station:

On August 22, 2018, SES Americom, Inc. was granted special temporary authority for 30 days, beginning August 22, 2018, to operate its fixed earth station in Bristow, VA to provide telemetry, tracking and command (TT&C) services for the NSS-806 (S2591) satellite as it relocates to the 47.65° W.L. orbital location on the following center frequencies: 6173.7 MHz (Earth-to-space), and 3947.5 MHz, 3948.0 MHz, 3952 MHz, 3952.5 MHz, and 3950 MHz (space-to-Earth).

Points of Communication:

Dismissal

SES-MOD-20180618-01676 E110002 Christian Faith Broadcast, Inc.

Application is dismissed, as moot. IBFS File No. SES-REG-20110110-00028 was surrendered by letter filed on September 24, 2013.

SES-MOD-20180618-01687 E060307 Christian Faith Broadcast, Inc.

Application is dismissed, IBFS File No. SES-REG-20060808-01328 has been surrendered.

SES-RWL-20180810-02221 E030267 Raven Radio Foundation

This application is dismissed due to a duplicate filing of the same call sign E030267. See file number (SES-RWL-20180810-02219) granted for this call sign on August 21, 2018.

SES-RWL-20180810-02222 E030252 Narrows Broadcasting Corporation

This application is dismissed due to a duplicate filing of the same call sign E030252. See file number (SES-RWL-20180810-02220) granted for this call sign on August 21, 2018.

SES-RWL-20180810-02223 E030241 Rainbird Community Broadcasting, Inc.

This application is dismissed due to a duplicate filing of the same call sign E030241. See file number (SES-RWL-20180810-02218) granted for this call sign on August 17, 2018.

SES-RWL-20180813-02204 E030252 Narrows Broadcasting Corporation

This application is dismissed due to a duplicate filing of the same call sign E030252. See file number (SES-RWL-20180810-02220) granted for this call sign on August 21, 2018.

SES-RWL-20180813-02225 E030241 Rainbird Community Broadcasting, Inc.

This application is dismissed due to a duplicate filing of the same call sign E030241. See file number (SES-RWL-20180810-02218) granted for this call sign on August 17, 2018.

SES-RWL-20180813-02227 E030267 Raven Radio Foundation

This application is dismissed due to a duplicate filing of the same call sign E030267. See file number (SES-RWL-20180810-02219) granted for this call sign on August 21, 2018.

SURRENDER

SES-LIC-20060808-01323 E060304 Christian Faith Broadcast, Inc.

License surrendered by letter filed on September 24, 2013.

SES-REG-20060808-01327 E060306 Christian Faith Broadcast, Inc.

License surrendered by letter filed on September 24, 2013.

SES-REG-20060808-01328 E060307 Christian Faith Broadcast, Inc.

License surrendered by letter filed on September 24, 2013.

SES-REG-20110110-00028 E110002 Christian Faith Broadcast, Inc.

License surrendered by letter filed on September 24, 2013.

SES-RWL-20031028-01499 E6334 Insight Kentucky Partners II, L.P.

License surrendered by letter filed on August 21, 2018.

SES-RWL-20040701-00946 E7573 CARS Holding, Inc.

License surrendered by letter filed on August 24, 2018.

SES-RWL-20050802-01026 E950468 Time Warner Cable Midwest LLC

License surrendered by letter filed on August 21, 2018.

SES-RWL-20170131-00110 E020099 Vyve Broadband A

License surrendered by letter filed on August 24, 2018.

SES-RWL-20170310-00268 KQ48 Vyve Broadband A

SURRENDER

License surrendered by letter filed on August 24, 2018.

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