



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-01993

Wednesday September 20, 2017

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-LIC-20170726-00807 E E170140 SES Americom, Inc.
Application for Authority 09/13/2017 - 09/13/2032
Grant of Authority Date Effective: 09/13/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: CH-TX-Ka1
LOCATION: 777 Westar Lane, Cedar Hill, TX
32 ° 34 ' 41.75 " N LAT. 96 ° 58 ' 57.20 " W LONG.

ANTENNA ID:	CH-TX-Ka1	6.3 meters	GD Satcom	6.3m Ka
	28350.0000 - 28600.0000 MHz	100K0G7W	56.36 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	201MG7W	89.38 dBW	Didgital Data
	28350.0000 - 28600.0000 MHz	250M0G7W	89.38 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	N0N	42.38 dBW	CW
	29500.0000 - 30000.0000 MHz	100K0G7W	56.73 dBW	Digital Data
	29500.0000 - 30000.0000 MHz	201M0G7W	89.75 dBW	Digital Data
	29500.0000 - 30000.0000 MHz	250M0G7W	89.75 dBW	Digital Data
	29500.0000 - 30000.0000 MHz	N0N	42.75 dBW	Digital Data
	18550.0000 - 18800.0000 MHz	100K0G7W		Digital Data
	18550.0000 - 18800.0000 MHz	201M0G7W		Digital Data

18550.0000 - 18800.0000 MHz	250M0G7W	Digital Data
18550.0000 - 18800.0000 MHz	N0N	CW
19700.0000 - 20200.0000 MHz	100K0G7W	Digital Data
19700.0000 - 20200.0000 MHz	201M0G7W	Digital data
19700.0000 - 20200.0000 MHz	250M0G7W	Digital Data
19700.0000 - 20200.0000 MHz	N0N	CW

Points of Communication:

CH-TX-Ka1 - PERMITTED LIST - ()

SES-LIC-20170731-00843 E E170145 Kaufman Broadcast Services Corporation
 Application for Authority 09/13/2017 - 09/13/2032
 Grant of Authority Date Effective: 09/13/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: Various

ANTENNA ID:	Offsat	2.4 meters	Comtech	Offsat
	5925.0000 - 6425.0000 MHz	36M0G7W	71.34 dBW	digital data: various FEC, data rates and modulation
	5925.0000 - 6425.0000 MHz	1M20G7W	56.57 dBW	digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20170522-00581 E E100088 O3b Limited
 Application for Modification 09/25/2012 - 09/25/2027
 Grant of Authority Date Effective: 09/13/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Hawaii Gateway
 LOCATION: 58-350 Kamehameha Hwy, Honolulu, Haleiwa, HI
 21 ° 40 ' 17.80 " N LAT. 158 ° 1 ' 54.90 " W LONG.

ANTENNA ID:	Ant 1-4	7.3 meters	Viasat	MEO7
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29087.8000 - 29089.1000 MHz	500KG2D	85.14 dBW	TT&C
28600.0000 - 29100.0000 MHz	307KG7D	52.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
28600.0000 - 29100.0000 MHz	40M0G7D	87.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
28600.0000 - 29100.0000 MHz	216MG7D	87.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
27600.0000 - 28400.0000 MHz	307KG7D	52.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
27600.0000 - 28400.0000 MHz	216MX7D	87.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
19296.2000 - 19299.9000 MHz	300KG1D	0.00 dBW	TT&C
18800.0000 - 19300.0000 MHz	307KG7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
18800.0000 - 19300.0000 MHz	40M0G7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
18800.0000 - 19300.0000 MHz	216MG7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
17800.0000 - 18600.0000 MHz	307KG7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
17800.0000 - 18600.0000 MHz	216MG7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link

Points of Communication:

Hawaii Gateway - O3B-A (S2935) - (Eq. NGSO)

SES-MOD-20170707-00743 E E030306 Intelsat License LLC
 Application for Modification 01/14/2004 - 01/14/2019
 Grant of Authority Date Effective: 09/13/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 2857 FORK CREEK CHURCH ROAD ATLANTA TELEPORT(AC-38), DEKALB, ELLENWOOD, GA
 33 ° 39 ' 50.00 " N LAT. 84 ° 16 ' 22.00 " W LONG.

ANTENNA ID: AC-38 9 meters VERTEX KPC 9.0 FMC

5925.0000 - 6425.0000 MHz	64K0G7W	59.00 dBW	DIGITAL VIDEO AND DATA
5925.0000 - 6425.0000 MHz	36M0G7W	77.00 dBW	DIGITAL VIDEO AND DATA

14000.0000 - 14500.0000 MHz	18M0F8F	82.00 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	DIGITAL DATA/VIDEO
14000.0000 - 14500.0000 MHz	3M00G7W	74.45 dBW	DIGITAL DATA/VIDEO
14000.0000 - 14500.0000 MHz	64K0G7D	57.74 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	750KF2D	85.00 dBW	COMMAND
13750.0000 - 14000.0000 MHz	36M0F8F	85.00 dBW	ANALOG VIDEO
13750.0000 - 14000.0000 MHz	18M0F8F	82.00 dBW	ANALOG VIDEO
13750.0000 - 14000.0000 MHz	36M0G7W	85.00 dBW	DIGITAL DATA/VIDEO
13750.0000 - 14000.0000 MHz	3M00G7W	75.00 dBW	DIGITAL DATA/VIDEO
13750.0000 - 14000.0000 MHz	64K0G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	750KF2D	85.00 dBW	COMMAND
12750.0000 - 13250.0000 MHz	36M0F8F	85.00 dBW	ANALOG VIDEO
12750.0000 - 13250.0000 MHz	18M0F8F	82.00 dBW	ANALOG VIDEO
12750.0000 - 13250.0000 MHz	36M0G7W	85.00 dBW	DIGITAL DATA/VIDEO
12750.0000 - 13250.0000 MHz	3M00G7W	74.45 dBW	DIGITAL DATA/VIDEO
12750.0000 - 13250.0000 MHz	64K0G7D	57.74 dBW	DIGITAL DATA
12750.0000 - 13250.0000 MHz	750KF2D	85.00 dBW	COMMAND
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	18M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL DATA/VIDEO
11700.0000 - 12200.0000 MHz	64K0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND
11200.0000 - 11450.0000 MHz	36M0F8F		ANALOG VIDEO
11200.0000 - 11450.0000 MHz	18M0F8F		ANALOG VIDEO
11200.0000 - 11450.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO

11200.0000 - 11450.0000 MHz	3M00G7W		DIGITAL DATA/VIDEO
11200.0000 - 11450.0000 MHz	64K0G7D		DIGITAL DATA
11200.0000 - 11450.0000 MHz	750KF2D		COMMAND
10700.0000 - 11200.0000 MHz	36M0F8F		ANALOG VIDEO
10700.0000 - 11200.0000 MHz	18M0F8F		ANALOG VIDEO
10700.0000 - 11200.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO
10700.0000 - 11200.0000 MHz	3M00G7W		DIGITAL DATA/VIDEO
10700.0000 - 11200.0000 MHz	64K0G7D		DIGITAL DATA
10700.0000 - 11200.0000 MHz	750KF2D		COMMAND
14000.5000 - 14000.5000 MHz	850KF7D	68.80 dBW	TT&C
14494.5000 - 14494.5000 MHz	850KF7D	68.80 dBW	TT&C
11702.0000 - 11702.0000 MHz	850KF7D		TT&C
11700.5000 - 11700.5000 MHz	850KF7D		TT&C

Points of Communication:

- 1 - INTELSAT 9 (S2380) - (29.5 W.L.)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-3R - (43.0 W.L.)
- 1 - PAS-8B - (43 W.L.)
- 1 - PAS-9 (S2380) - (58.0 W.L.)
- 1 - PERMITTED LIST - ()

SES-MOD-20170725-00802 E E140121 Intelsat License LLC

Application for Modification

02/11/2016 - 02/11/2031

Grant of Authority

Date Effective: 09/13/2017

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
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:

13750.0000 - 13770.0000 MHz	850KF9D	87.00 dBW	TT&C
13249.5000 - 13249.5000 MHz	950KG7D	87.50 dBW	TT&C
13246.5000 - 13246.5000 MHz	850KF2D	87.00 dBW	TT&C
12200.0000 - 12700.0000 MHz	2M00F2D		TT&C
12200.0000 - 12700.0000 MHz	400KF2D		TT&C
11700.0000 - 12200.0000 MHz	56K0G7W		DIGITAL DATA, VOICE AND VIDEO SERVICE
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL DATA, VOICE AND VIDEO SERVICE
11450.0000 - 12200.0000 MHz	NON	0.00 dBW	IOT
11450.0000 - 12200.0000 MHz	800KF9D		TT&C
11450.0000 - 12200.0000 MHz	800KG9D		TT&C
11450.0000 - 12200.0000 MHz	200KF3N		DATA, VOICE AND VIDEO SERVICE
11450.0000 - 12200.0000 MHz	2M00F3N		DATA, VOICE AND VIDEO SERVICE
11447.0000 - 11447.0000 MHz	500KG7D		TT&C
11446.5000 - 11446.5000 MHz	500KG7D		TT&C
11443.5000 - 11443.5000 MHz	500KG7D		TT&C
11443.0000 - 11443.0000 MHz	500KG7D		TT&C
10950.0000 - 11200.0000 MHz	NON	0.00 dBW	IOT
10950.0000 - 11200.0000 MHz	800KG9D	0.00 dBW	TT&C
10950.0000 - 11200.0000 MHz	800KF9D	0.00 dBW	TT&C
10950.0000 - 11200.0000 MHz	2M00F3N		DATA, VOICE AND VIDEO SERVICE
10950.0000 - 11200.0000 MHz	200KF3N		DIGITAL DATA, VOICE AND VIDEO SERVICE
14494.5000 - 14494.5000 MHz	850KF7D	73.20 dBW	TT&C
14000.5000 - 14000.5000 MHz	850KF7D	73.20 dBW	TT&C
11700.5000 - 11700.5000 MHz	850KF7D		TT&C
11702.0000 - 11702.0000 MHz	850KF7D		TT&C

11450.0000 - 11700.0000 MHz	500KF9D	TELEMETRY
10950.0000 - 11200.0000 MHz	36M0G7W	DIGITAL VIDEO, AUDIO AND DATA
10950.0000 - 11200.0000 MHz	100KG7W	DIGITAL DATA
10950.0000 - 11200.0000 MHz	N0N	TRACKING BEACON
10950.0000 - 11200.0000 MHz	500KF9D	TELEMETRY

Points of Communication:

1SMTN - ASTRA 3A - (176.85)

1SMTN - EUTELSAT 172A(S2610) - (172 E. L.)

1SMTN - PERMITTED LIST - ()

SES-MOD-20170804-00855 E E030183 Christopher S. Borghesani dba/CBTV
 Application for Modification 10/10/2003 - 10/10/2018
 Grant of Authority Date Effective: 09/12/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: VARIOUS

ANTENNA ID: 1	1.5 meters	SWE-DISH	DA150K
14000.0000 - 14500.0000 MHz	36M0G2W	63.50 dBW	PSK MODULATED DATA
14000.0000 - 14500.0000 MHz	36M0G7W	63.50 dBW	PSK MODULATED DATA
11700.0000 - 12200.0000 MHz	36M0G7W		PSK MODULATED DATA
11700.0000 - 12200.0000 MHz	36M0G2W		PSK MODULATED DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20170804-00870 E KA261 Intelsat License LLC
 Application for Modification 03/31/2009 - 03/31/2024
 Grant of Authority Date Effective: 09/18/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 17625 TECHNOLOGY BLVD., WASHINGTON, HAGERSTOWN, MD
 39 ° 35 ' 57.00 " N LAT. 77 ° 45 ' 22.00 " W LONG.

ANTENNA ID:	1	15.2 meters	VERTEX	15.2KPC
5925.0000 - 6425.0000 MHz		NON	55.70 dBW	IOT
5925.0000 - 6425.0000 MHz		1M00F2D	79.70 dBW	TT&C
5925.0000 - 6425.0000 MHz		200KF2D	72.70 dBW	TT&C
5850.0000 - 5925.0000 MHz		56K0G7W	67.20 dBW	DIGITAL DATA, VIDEO AND VOICE SERVICES
5850.0000 - 5925.0000 MHz		72M0G7W	88.00 dBW	DIGITAL DATA, VIDEO AND VOICE SERVICES
3700.0000 - 4200.0000 MHz		NON		IOT
3700.0000 - 4200.0000 MHz		1M00F2D		TT&C
3700.0000 - 4200.0000 MHz		200KF2D		TT&C
3625.0000 - 4200.0000 MHz		56K0G7W		DIGITAL DATA, VIDEO AND VOICE SERVICES
3625.0000 - 4200.0000 MHz		72M0G7W		DIGITAL DATA, VIDEO AND VOICE SERVICES
5925.0000 - 6425.0000 MHz		72M0G7W	79.70 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz		56K0G7W	67.20 dBW	DIGITAL DATA
3700.0000 - 4200.0000 MHz		72M0G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz		56K0G7W		DIGITAL DATA

Points of Communication:

- 1 - INTELSAT 9 (S2380) - (29.5 W.L.)
- 1 - Intelsat 905 (S2409) - (24.5 W.L.)
- 1 - OTHER -
- 1 - PERMITTED LIST - ()

SES-RWL-20170727-00822 E E010140 MCI Communications Services, Inc. 08/07/2017 - 08/07/2032
 Renewal
 Grant of Authority Date Effective: 09/14/2017

Class of Station: Fixed Earth Stations

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

SITE ID: MTJKVA

LOCATION: 1295 INDUSTRIAL PARK RD, SHENADOAH, QUICKBURG, VA

38 ° 43 ' 45.40 " N LAT.

78 ° 39 ' 25.10 " W LONG.

ANTENNA ID:	MJS-03A	18.3 meters	VERTEX	18.3KPC	
	5925.0000 - 6425.0000 MHz		18M0F3F	87.00 dBW	ANALOG VIDEO
	5925.0000 - 6425.0000 MHz		36M0F3F	87.00 dBW	ANALOG VIDEO
	5925.0000 - 6425.0000 MHz		2M05F7W-	87.00 dBW	FDM/FM
	5925.0000 - 6425.0000 MHz		36M0F7W	87.00 dBW	FDM/FM
	5925.0000 - 6425.0000 MHz		56K0G7W-	68.80 dBW	DIGITAL VIDEO, VOICE, DATA
	5925.0000 - 6425.0000 MHz		72M0G7W	87.00 dBW	DIGITAL VIDEO, VOICE, DATA
	5925.0000 - 6425.0000 MHz		56K0G2W-	68.80 dBW	DIGITAL VIDEO, VOICE, DATA
	5925.0000 - 6425.0000 MHz		72M0G2W	87.00 dBW	DIGITAL VIDEO, VOICE, DATA
	5850.0000 - 5925.0000 MHz		2M05F7W-	87.00 dBW	FDM/FM
	5850.0000 - 5925.0000 MHz		36M0F7W	87.00 dBW	FDM/FM
	5850.0000 - 5925.0000 MHz		56K0G7W-	68.80 dBW	DIGITAL VIDEO, VOICE, DATA
	5850.0000 - 5925.0000 MHz		72M0G7W	87.00 dBW	DIGITAL VIDEO, VOICE, DATA
	5850.0000 - 5925.0000 MHz		56K0G2W-	68.80 dBW	DIGITAL VIDEO, VOICE, DATA
	5850.0000 - 5925.0000 MHz		72M0G2W	87.00 dBW	DIGITAL VIDEO, VOICE, DATA
	3700.0000 - 4200.0000 MHz		18M0F3F		ANALOG VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F		ANALOG VIDEO
	3700.0000 - 4200.0000 MHz		2M05F7W-		FDM/FM
	3700.0000 - 4200.0000 MHz		36M0F7W		FDM/FM
	3700.0000 - 4200.0000 MHz		56K0G7W-		DIGITAL VIDEO, VOICE, DATA
	3700.0000 - 4200.0000 MHz		72M0G7W		DIGITAL VIDEO, VOICE, DATA
	3700.0000 - 4200.0000 MHz		56K0G2W-		DIGITAL VIDEO, VOICE, DATA
	3700.0000 - 4200.0000 MHz		72M0G2W		DIGITAL VIDEO, VOICE, DATA

3625.0000 - 3700.0000 MHz	2M05F7W-	FDM/FM
3625.0000 - 3700.0000 MHz	36M0F7W	FDM/FM
3625.0000 - 3700.0000 MHz	56K0G7W-	DIGITAL VIDEO, VOICE, DATA
3625.0000 - 3700.0000 MHz	72M0G7W	DIGITAL VIDEO, VOICE, DATA
3625.0000 - 3700.0000 MHz	56K0G2W-	DIGITAL VIDEO, VOICE, DATA
3625.0000 - 3700.0000 MHz	72M0G2W	DIGITAL VIDEO, VOICE, DATA

Points of Communication:

- MTJKVA - INTEL 907 (S2411) - (27.5 W.L.)
- MTJKVA - INTELSAT 23 - (53 W. L.)
- MTJKVA - INTELSAT 25 (S2804) - (31.5 W.L.)
- MTJKVA - INTELSAT 29e (S2913) - (50.0 W.L.)
- MTJKVA - INTELSAT 35e(S2959) - (34.5 W.L.)
- MTJKVA - INTELSAT 37e (S2972) - (18.0 W.L.)
- MTJKVA - INTELSAT 805 (S2404) - (304.5 E.L.)
- MTJKVA - INTELSAT 9 (S2380) - (29.5 W.L.)
- MTJKVA - Intelsat 905 (S2409) - (24.5 W.L.)
- MTJKVA - NSS-7 (S2463) - (20 W.L.)
- MTJKVA - PERMITTED LIST - ()

SES-RWL-20170822-00936 E E020240 KWGN, LLC
 Renewal
 Grant of Authority

10/16/2017 - 10/16/2032
 Date Effective: 09/15/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: VARIOUS

ANTENNA ID: 1	1.5 meters	VERTEX	1.5SMK-LT
14000.0000 - 14500.0000 MHz	24M0G7F	62.24 dBW	PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170822-00937 E E920495 Rite Aid Corporation
 Renewal 09/18/2017 - 09/18/2032
 Grant of Authority Date Effective: 09/14/2017

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: HUB
LOCATION: 433 RAILROAD AVENUE (6.1M. HUB), HARRISBURG, SHIREMANSTOWN, PA
 40 ° 13 ' 37.00 " N LAT. 76 ° 57 ' 35.00 " W LONG.

ANTENNA ID:	HUB	6.1 meters	VERTEX	6.1 KPK	
	14000.0000 - 14500.0000 MHz		1M60G7D	69.10 dBW	PSK, OUTROUTE, 1024 KSPS
	14000.0000 - 14500.0000 MHz		36M0G7D	82.50 dBW	PSK, OUTROUTE, 30 MSPS
	11700.0000 - 12200.0000 MHz		1M60G7D		PSK, INROUTE, 1024 KSPS
	11700.0000 - 12200.0000 MHz		400KG7D		PSK, INROUTE, 256 KSPS

SITE ID: REMOTE 2
LOCATION: VSAT 1.2M (10000 UNITS), CONUS, AK, HI,PR,VI

ANTENNA ID:	REMT2	1.2 meters	PRODELIN	1130	
	14000.0000 - 14500.0000 MHz		1M60G7D	46.20 dBW	PSK, INROUTE, 1024 KSPS
	14000.0000 - 14500.0000 MHz		400KG7D	46.20 dBW	PSK, INROUTE, 256 KSPS
	11700.0000 - 12200.0000 MHz		1M60G7D		PSK, OUTROUTE, 1024 KSPS
	11700.0000 - 12200.0000 MHz		36M0G7D		PSK, OUTROUTE, 30 MSPS

SITE ID: REMOTE 1
LOCATION: VSAT 1.8M (5000 UNITS), CONUS, AK, HI,PR,VI

ANTENNA ID:	REMT1	1.8 meters	PRODELIN	1184	
	14000.0000 - 14500.0000 MHz		1M60G7D	49.50 dBW	PSK, INROUTE, 1024 KSPS
	14000.0000 - 14500.0000 MHz		400KG7D	49.50 dBW	PSK, INROUTE, 256 KSPS
	11700.0000 - 12200.0000 MHz		1M60G7D		PSK, OUTROUTE, 1024 KSPS
	11700.0000 - 12200.0000 MHz		36M0G7D		PSK, OUTROUTE, 30 MSPS

SITE ID: REMOTE 3
LOCATION: VSAT 2.4M (5000 UNITS), CONUS, AK, HI,PR,VI

ANTENNA ID:	REMT3	2.4 meters	PRODELIN	1244	
	14000.0000 - 14500.0000 MHz		1M60G7D	52.20 dBW	PSK, INROUTE, 1024 KSPS
	14000.0000 - 14500.0000 MHz		400KG7D	52.20 dBW	PSK, INROUTE, 256 KSPS
	11700.0000 - 12200.0000 MHz		1M60G7D		PSK, OUTROUTE, 1024 KSPS
	11700.0000 - 12200.0000 MHz		36M0G7D		PSK, OUTROUTE, 30 MSPS

SITE ID: REMOTE 4
LOCATION: VSAT 0.98M (10000 UNITS), CONUS, AK, HI,PR,VI

ANTENNA ID:	REMT4	0.98 meters	PRODELIN	9008668	
	14000.0000 - 14500.0000 MHz		1M60G7D	44.30 dBW	PSK, 1024 KSPS, INROUTE
	14000.0000 - 14500.0000 MHz		400KG7D	44.30 dBW	PSK, 256 KSPS, INROUTE
	11700.0000 - 12200.0000 MHz		1M60G7D		PSK, 1024 KSPS, OUTROUTE
	11700.0000 - 12200.0000 MHz		36M0G7D		PSK, 30 MSPS, OUTROUTE

Points of Communication:

HUB - PERMITTED LIST - ()
REMOTE 1 - PERMITTED LIST - ()
REMOTE 2 - PERMITTED LIST - ()
REMOTE 3 - PERMITTED LIST - ()
REMOTE 4 - GALAXY 3C (S2381) - (95.05 W.L.)

SES-RWL-20170822-00940 E E020237 Hearst Properties Inc.
Renewal 11/07/2017 - 11/07/2032
Grant of Authority Date Effective: 09/18/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1300 COLUMBIA AVE. (WGAL), LANCASTER, LANCASTER, PA
40 ° 2 ' 12.40 " N LAT. 76 ° 20 ' 18.80 " W LONG.

ANTENNA ID:	1	3.8 meters	PRODELIN	1383	
	14000.0000 - 14500.0000 MHz		5M25G7W	69.53 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA

Nature of Service: Domestic Fixed Satellite Service

SITE ID: Pump Station #11

LOCATION: Pump Station #11
62 ° 5 ' 16.30 " N LAT.

145 ° 28 ' 48.90 " W LONG.

ANTENNA ID:	1	3.6 meters	Scientific Atlanta	8136
6143.0000 - 6384.0000 MHz		36M0G7W	59.60 dBW	QAM modulation for telephony, facsimile and data
6143.0000 - 6384.0000 MHz		60K0G7W	54.40 dBW	QAM modulation for telephony, facsimile, and data
6143.0000 - 6384.0000 MHz		36M0G7W	59.60 dBW	PSK modulation for telephony, facsimile, and data
6143.0000 - 6384.0000 MHz		9K60G7W	46.40 dBW	PSK modulation for telephony, facsimile, and data
5925.0000 - 6103.0000 MHz		36M0G7W	59.60 dBW	QAM modulation for telephony, facsimile, and data
5925.0000 - 6103.0000 MHz		60K0G7W	54.40 dBW	QAM modulation for telephony, facsimile, and data
5925.0000 - 6103.0000 MHz		36M0G7W	59.60 dBW	PSK modulation for telephony, facsimile, and data
5925.0000 - 6103.0000 MHz		9K60G7W	46.40 dBW	PSK modulation for telephony, facsimile, and data
3700.0000 - 4200.0000 MHz		36M0G7W		QAM modulation for telephony, facsimile, and data
3700.0000 - 4200.0000 MHz		60K0G7W		QAM modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz		36M0G7W		PSK modulation for telephony, facsimile, and data
3700.0000 - 4200.0000 MHz		9K60G7W		PSK modulation for telephony, facsimile, and data

Points of Communication:

Pump Station #11 - PERMITTED LIST - ()

SES-RWL-20170830-00962 E WT85 Time Warner Cable Northeast LLC

Renewal

09/24/2017 - 09/24/2032

Grant of Authority

Date Effective: 09/15/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: STEUBEN, HORNELL, NY
42 ° 17 ' 42.00 " N LAT. 77 ° 40 ' 13.00 " W LONG.

ANTENNA ID: 1 5 meters HUGHES SRA-501-5-C
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170830-00963 E KV21 Bresnan Communications, LLC
Renewal 10/01/2017 - 10/01/2032
Grant of Authority Date Effective: 09/19/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: MISSOULA, MISSOULA, MT
46 ° 52 ' 2.00 " N LAT. 114 ° 0 ' 38.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA5-4HP
3700.0000 - 4200.0000 MHz 36000F9

ANTENNA ID: 2 4.5 meters HUGHES
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170830-00966 E E020279 Hearst Properties Inc.
Renewal 11/18/2017 - 11/18/2032
Grant of Authority Date Effective: 09/18/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 3970 RCA Blvd, Palm Beach, Palm Beach Gardens, FL
26 ° 50 ' 10.00 " N LAT. 80 ° 5 ' 43.00 " W LONG.

ANTENNA ID: 1 3.8 meters Prodelin 1383
14000.0000 - 14500.0000 MHz 5M25G7W 62.10 dBW QPSK 5,500 Kbps 3/4 FEC with RS
14000.0000 - 14500.0000 MHz 1M00G7W 54.60 dBW QPSK 1,000 Kbps 3/4 FEC with RS

SES-RWL-20170913-01005 E E020219 RCN License Subsidiary, Inc.

Renewal

11/18/2017 - 11/18/2032

Grant of Authority

Date Effective: 09/15/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID: 1	4.1 meters	Comtech	Offsat
5925.0000 - 6425.0000 MHz	36M0F3F	72.40 dBW	Standard Video with Associated Audio Subcarriers.
5925.0000 - 6425.0000 MHz	36M0G7W	72.40 dBW	BPSK, QPSK, 8PSK, QAM, FEC Rates, 1/2 - 7/8, Various Data Rates to 45 Mbps, Various Information.
5925.0000 - 6425.0000 MHz	51K2G7W	54.30 dBW	BPSK, QPSK, 8PSK, QAM, FEC Rates 1/2 - 7/8, Various Data Rates from 64kbps, Various information.

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170913-01006 E E020220 RCN License Subsidiary, Inc.

Renewal

11/18/2017 - 11/18/2032

Grant of Authority

Date Effective: 09/15/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID: 1	4.1 meters	Comtech	Offsat
5925.0000 - 6425.0000 MHz	36M0F3F	72.40 dBW	Standard Video with Associated Audio Subcarriers.
5925.0000 - 6425.0000 MHz	36M0G7W	72.40 dBW	BPSK, QPSK, 8PSK, QAM, FEC Rates, 1/2 - 7/8, Various Data Rates to 45 Mbps, Various Information.
5925.0000 - 6425.0000 MHz	51K2G7W	54.30 dBW	BPSK, QPSK, 8PSK, QAM, FEC Rates 1/2 - 7/8, Various Data Rates from 64kbps, Various information.

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170913-01013 E E920555 AT&T Corp.

Renewal

10/09/2017 - 10/09/2032

Grant of Authority

Date Effective: 09/15/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 2.45 meters RSI 240 KVO

14000.0000 - 14500.0000 MHz 2M20GIW 62.30 dBW

14000.0000 - 14500.0000 MHz 40K0F3E 45.70 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170913-01015 E E920535 BFI Licenses, LLC

Renewal

09/18/2017 - 09/18/2032

Grant of Authority

Date Effective: 09/15/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 1.8 meters VERTEX SMK

14000.0000 - 14500.0000 MHz 36M0F3F 73.59 dBW

STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS.

14000.0000 - 14500.0000 MHz 36M0G7W 70.44 dBW

BPSK,QPSK, 8PSK,QAM, FEC RATES 1/2 - 7/8, VARIOUS DATA RATES TO 45MBPS, VARIOUS INFORMATION.

14000.0000 - 14500.0000 MHz 51K2G7W 41.97 dBW

BPSK,QPSK, 8PSK,QAM, FEC RATES 1/2 - 7/8, VARIOUS DATA RATES TO 45MBPS, VARIOUS INFORMATION.

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170914-01016 E E020243 Midwest Uplink, Inc.

Renewal

10/23/2017 - 10/23/2032

Grant of Authority

Date Effective: 09/15/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1433 N. MERIDIAN ST., SUITE 203 INDIANAPOLIS, MARION IN 46202, VARIOUS

ANTENNA ID:	Truck 1	2.4 meters	ANDREW CORPORATION	ES24SNG-LT-25
	14000.0000 - 14500.0000 MHz	36M0G7W	74.44 dBW	ONE 36 MBIT MCPC DIGITAL CARRIER FOR VOICE/DATA.
	14000.0000 - 14500.0000 MHz	36M0G8W	74.44 dBW	ONE WIDEBAND 36MHZ FREQUENCY MODULATION VIDEO CARRIER WITH ASSOCIATED AUDIO AND ATIS SUBCARRIERS.

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20170824-00947 E E170139 SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/14/2017

Class of Station:

On September 14, 2017, SES Americom, Inc. was granted special temporary authority for 30 days, beginning September 19, 2017, to operate a 9-meter fixed earth station antenna in Somis, CA to provide telemetry, tracking, and command (TT&C) services to the SES-15 (S2951) at the 129.15° W.L. orbital location on the following center frequencies: 10.70-11.70 GHz and 11.70-12.20 GHz (space-to-Earth), and 13.75-14.00 GHz and 14.00-14.50 GHz (Earth-to-space).

Points of Communication:

SES-STA-20170912-01001 E E4132 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/14/2017

Class of Station:

On September 14, 2017, Intelsat License LL, was granted special temporary authority for 30 days, beginning September 28, 2017, to operate its fixed earth station in Fillmore, CA to provide launch and early orbit phase (LEOP) services for the AsiaSat-9 satellite (licensed by China) at 122.1° E.L. on the following center frequencies: 6430.00 MHz and 6432.00 MHz (Earth-to-space), and 4198.65 MHz, and 4199.65 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170913-01012 E E140114 ISAT US Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/15/2017

Class of Station:

On September 8, 2017, ISAT US Inc. was granted a verbal special temporary authority for 30 days, beginning September 8, 2017, to use its temporary-fixed earth station to communicate with the Inmarsat 5F2 satellite at the 55° W.L. orbital location on its HCC beam in the 29250-29350 (Earth-to-space), and 19450-19550 (space-to-Earth) frequency bands to support Hurricane Irma Recovery Operations.

Points of Communication:

SES-T/C-20170718-00775 E E872068 LIBERTY INTERACTIVE CORPORATION

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 09/14/2017

Current Licensee: NLG Merger Corp.

FROM: HSN, INC.

TO: LIBERTY INTERACTIVE CORPORATION

No. of Station(s) listed: 2

SES-T/C-20170727-00842 E E130136 UltiSat, Inc.

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 09/19/2017

Current Licensee: UltiSat, Inc.

FROM: ULTISAT, INC.

TO: SpeedCast Americas, Inc.

No. of Station(s) listed: 17

INFORMATIVE

SES-LIC-20170401-00357 E170088 ViaSat, Inc.

On September 12, 2017, the Satellite Division designated the above-captioned proceeding as "permit-but-disclose" for purposes of the Commission's rules governing ex parte communications. We find that designating this proceeding as "permit-but-disclose" will serve the public interest by facilitating the resolution of broad policy issues raised by the application. Thus, we designate IBFS File No. SES-LIC-20170401-00357, as "permit-but-disclose," effective September 12, 2017. See 47 C.F.R. §§ 1.1200(a), 1.1206, and 1.1208 note 2.

SURRENDER

SES-RWL-20020917-01566 KV60 KDNL Licensee, LLC

License surrendered by letter filed on September 18, 2017.

SES-RWL-20070326-00403 E865117 Graham Media Group, San Antonio, Inc.

License surrendered by letter filed on September 14, 2017.

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