



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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**Report No. SES-02093**

**Wednesday September 5, 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.

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<b>SES-LIC-20170707-00740</b>	E E170122	Intelsat License LLC	
Application for Authority			09/04/2018 - 09/04/2033
Grant of Authority			Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** ATL-K28

**LOCATION:** 2857 Fork Creek Church Road, Clayton, Ellenwood, GA

33 ° 39 ' 52.80 " N LAT.

84 ° 16 ' 12.00 " W LONG.

<b>ANTENNA ID:</b> K28	16.4 meters	General Dynamics	16.4 FMA
12750.0000 - 13250.0000 MHz	36M0G7W	83.30 dBW	Digital Data
12750.0000 - 13250.0000 MHz	62M5G7W	83.30 dBW	Digital Data
12750.0000 - 13250.0000 MHz	1M00G7W	83.30 dBW	Digital Data
13750.0000 - 13770.0000 MHz	20M0G7W	85.00 dBW	Digital Data
13249.5000 - 13249.5000 MHz	850KG7D	83.30 dBW	TT&C
14498.5000 - 14498.5000 MHz	850KG7D	74.50 dBW	TT&C
10950.0000 - 11200.0000 MHz	36M0G7W		Digital Data
11450.0000 - 12200.0000 MHz	36M0G7W		Digital Data

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10950.0000 - 11200.0000 MHz	62M5G7W		Digital Data
11450.0000 - 12200.0000 MHz	62M5G7W		Digital Data
10950.0000 - 11200.0000 MHz	1M00G7W		Digital Data
11450.0000 - 12200.0000 MHz	1M00G7W		Digital Data
14494.5000 - 14494.5000 MHz	850KG7D	74.50 dBW	TT&C
14000.5000 - 14000.5000 MHz	850KG7D	74.50 dBW	TT&C
13246.5000 - 13246.5000 MHz	850KG7D	83.30 dBW	TT&C
13995.5000 - 13995.5000 MHz	850KG7D	85.00 dBW	TT&C
13750.5000 - 13750.5000 MHz	850KG7D	85.00 dBW	TT&C
13994.5000 - 13994.5000 MHz	850KG7D	85.00 dBW	TT&C
13997.5000 - 13997.5000 MHz	850KG7D	85.00 dBW	TT&C
14499.5000 - 14499.5000 MHz	850KG7D	74.50 dBW	TT&C
14001.0000 - 14001.0000 MHz	850KG7D	74.50 dBW	TT&C
14496.5000 - 14496.5000 MHz	850KG7D	74.50 dBW	TT&C
11200.0000 - 11450.0000 MHz	36M0G7W		Digital Data
13753.0000 - 13753.0000 MHz	850KG7D	85.00 dBW	TT&C
14003.0000 - 14003.0000 MHz	850KG7D	74.50 dBW	TT&C
14497.0000 - 14497.0000 MHz	850KG7D	74.50 dBW	TT&C
11700.5000 - 11700.5000 MHz	850KG7D		TT&C
11702.0000 - 11702.0000 MHz	850KG7D		TT&C
11448.0000 - 11448.0000 MHz	850KG7D		TT&C
11449.0000 - 11449.0000 MHz	850KG7D		TT&C
11451.2500 - 11451.2500 MHz	850KG7D		TT&C
11451.7500 - 11451.7500 MHz	850KG7D		TT&C
11453.2500 - 11453.2500 MHz	850KG7D		TT&C
11453.7500 - 11453.7500 MHz	850KG7D		TT&C

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12198.2500 - 12198.2500 MHz	850KG7D		TT&C
12198.7500 - 12198.7500 MHz	850KG7D		TT&C
11700.7500 - 11700.7500 MHz	850KG7D		TT&C
11702.2500 - 11702.2500 MHz	850KG7D		TT&C
11696.0000 - 11696.0000 MHz	850KG7D		TT&C
11697.0000 - 11697.0000 MHz	850KG7D		TT&C
11702.0000 - 11702.0000 MHz	850KG7D		TT&C
11703.0000 - 11703.0000 MHz	850KG7D		TT&C
11705.5000 - 11705.5000 MHz	850KG7D		TT&C
12198.0000 - 12198.0000 MHz	850KG7D		TT&C
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
13770.0000 - 13780.0000 MHz	10M0G7W	73.10 dBW	Digital Data
13780.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13780.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14500.0000 MHz	1M00G7W	75.20 dBW	Digital Data

**Points of Communication:**

ATL-K28 - GALAXY 16 (S2687) - (99 W.L.)  
 ATL-K28 - GALAXY 17 (S2715) - (91 W.L.)  
 ATL-K28 - GALAXY 18 (S2733) - (123 W.L.)  
 ATL-K28 - GALAXY 19 (S2647) - (97 W.L.)  
 ATL-K28 - GALAXY 23 (S2592) - (121 W.L.)  
 ATL-K28 - GALAXY 25 (S2154) - (93.1 W.L.)  
 ATL-K28 - GALAXY 28 (S2160) - (89.0 W.L.)  
 ATL-K28 - GALAXY 3C (S2381) - (95.05 W.L.)  
 ATL-K28 - HORIZONS 1 (S2475) - (127 WL)  
 ATL-K28 - INTELSAT 11 (S2237) - (43.0 W.L.)

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ATL-K28 - INTELSAT 14 (S2785) - (45.0 W.L.)  
ATL-K28 - INTELSAT 16(S2750) - (76.2 W.L.)  
ATL-K28 - INTELSAT 21 (S2863) - (58.0 W.L.)  
ATL-K28 - INTELSAT 23 - (53 W. L.)  
ATL-K28 - INTELSAT 29e (S2913) - (50.0 W.L.)  
ATL-K28 - INTELSAT 30 (S2887) - (95.05 W.L.)  
ATL-K28 - INTELSAT 31 (S2924) - (95.05 W.L.)  
ATL-K28 - INTELSAT 34(S2915) - (55.5 W.L.)  
ATL-K28 - INTELSAT 35e(S2959) - (34.5 W.L.)  
ATL-K28 - INTELSAT 37e (S2972) - (18.0 W.L.)  
ATL-K28 - INTELSAT 9 (S2380) - (29.5 W.L.)  
ATL-K28 - OTHER -  
ATL-K28 - PERMITTED LIST - ()  
ATL-K28 - PERMITTED LIST - ()  
ATL-K28 - SKY-B1(S2922) - (43.15 W.L.)  
ATL-K28 - TELSTAR 11N (S2357) - (37.5 W.L.)

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**SES-LIC-20170721-00790** E E170135 Intelsat License LLC  
Application for Authority  
Grant of Authority

09/04/2018 - 09/04/2033  
Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 17625 Technology Blvd, Washington, Hagerstown, MD  
39 ° 35 ' 54.90 " N LAT. 77 ° 45 ' 10.60 " W LONG.

<b>ANTENNA ID:</b> 1	9.4 meters	ASC Signal	9.4m ESA
13000.0000 - 13250.0000 MHz	36M0G7W	86.40 dBW	Digital Data
13000.0000 - 13250.0000 MHz	1M00G7W	86.40 dBW	Digital Data
13750.0000 - 13770.0000 MHz	20M0G7W	85.00 dBW	Digital Data
13770.0000 - 13780.0000 MHz	10M0G7W	73.10 dBW	Digital Data
13780.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data



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11700.0000 - 12200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio, Video, Data
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**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-LIC-20180626-01873</b>	E E181144	CBS Communications Services Inc.	09/04/2018 - 09/04/2033
Application for Authority			Date Effective: 09/04/2018
Grant of Authority			

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: DSNG Truck Unit 10 (WBBM-TV), VARIOUS

ANTENNA ID: 1	1.2 meters	AvL Technologies	1210K
14000.0000 - 14500.0000 MHz	36M0G7W	63.10 dBW	Digital Audio, Video, Data
11700.0000 - 12200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio, Video, Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-MFS-20180813-02155</b>	E KA258	Intelsat License LLC	03/31/2009 - 03/31/2024
Modification			Date Effective: 08/30/2018
Withdrawn			

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: MTN-K91  
LOCATION: 17625 TECHNOLOGY BLVD, WASHINGTON, HAGERSTOWN, MD  
39 ° 35 ' 54.60 " N LAT. 77 ° 45 ' 33.00 " W LONG.

ANTENNA ID: 1	14.2 meters	TIW	14.2 METER
17300.0000 - 17800.0000 MHz	2M00F2D	83.30 dBW	TT&C
17300.0000 - 17800.0000 MHz	400KF2D	76.30 dBW	TT&C
14498.0000 - 14498.0000 MHz	950KG7D	74.50 dBW	TT&C
14000.0000 - 14500.0000 MHz	NON	51.10 dBW	IOT
14000.0000 - 14500.0000 MHz	2M00F9D	78.10 dBW	TT&C
14000.0000 - 14500.0000 MHz	400KF9D	71.10 dBW	TT&C

14000.0000 - 14500.0000 MHz	56K0G7W	62.60 dBW	DIGITAL DATA, VOICE AND VIDEO SERVICE
14000.0000 - 14500.0000 MHz	72M0G7W	88.00 dBW	DIGITAL DATA, VOICE AND VIDEO SERVICE
13778.0000 - 14000.0000 MHz	850KF9D	87.00 dBW	TT&C
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

**Points of Communication:**

- MTN-K91 - INTELSAT 11 (S2237) - (43.0 W.L.)
- MTN-K91 - INTELSAT 14 (S2785) - (45.0 W.L.)
- MTN-K91 - INTELSAT 30 (S2887) - (95.05 W.L.)
- MTN-K91 - INTELSAT 31 (S2924) - (95.05 W.L.)
- MTN-K91 - INTELSAT 9 (S2380) - (29.5 W.L.)
- MTN-K91 - PAS-1R - (45.0 W.L.)
- MTN-K91 - PERMITTED LIST - ()
- MTN-K91 - SKY-B1(S2922) - (43.15 W.L.)

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**SES-MOD-20180522-00910**    E E120240    CBS Communications Services Inc.  
 Application for Modification    12/14/2012 - 12/14/2027  
 Grant of Authority    Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 3525 MALDEN AVE., BALTIMORE, BALTIMORE, MD  
 39 ° 20 ' 4.60 " N LAT.    76 ° 39 ' 7.20 " W LONG.

ANTENNA ID: 1	7.3 meters	ASC SIGNAL	ES73-1
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio, Video, Data
ANTENNA ID: 2	4.5 meters	ESAI	4.5METER
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio, Video, Data
ANTENNA ID: 3	5 meters	ANDREW	ESA50-4
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio, Video, Data
ANTENNA ID: 4	3.8 meters	DH SATELLITE	3.8M.
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio, Video, Data



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ANTENNA ID:	5	5 meters	AFC	PR-16
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio, Video, Data
ANTENNA ID:	6	3.8 meters	PATRIOT	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio, Video, Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-MOD-20180625-01899</b>	E	E010056	CBS Communications Services Inc.	05/07/2011 - 05/07/2026
Application for Modification				Date Effective: 09/04/2018
Grant of Authority				

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: DSNG Truck Unit 25 (WBBM-TV), VARIOUS

ANTENNA ID:	1	1.4 meters	AvL Technologies	1410K
	14000.0000 - 14500.0000 MHz		36M0G7W 66.26 dBW	Digital Audio, Video, Data
	11700.0000 - 12200.0000 MHz		36M0G7W	Digital Audio, Video, Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-MOD-20180625-01901</b>	E	E990039	CBS Communications Services Inc.	04/01/2009 - 04/01/2024
Application for Modification				Date Effective: 09/04/2018
Grant of Authority				

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: DSNG Truck Unit 20 (WBBM-TV), CONUS

ANTENNA ID:	1	1.2 meters	AvL Technologies	1210K
	14000.0000 - 14500.0000 MHz		36M0G7W 64.07 dBW	Digital Audio, Video, Data
	11700.0000 - 12200.0000 MHz		36M0G7W	Digital Audio, Video, Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180626-01903** E E030061 CBS Communications Services Inc.  
Application for Modification 05/08/2018 - 05/08/2033  
Grant of Authority Date Effective: 09/04/2018

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: DSNG Truck Unit 20 (WBBM-TV) TRANSPORTABLE, VARIOUS

ANTENNA ID:	1	1.2 meters	AvL Technologies	1210K
	14000.0000 - 14500.0000 MHz	36M0G7W	64.07 dBW	Digital Audio, Video, Data
	11700.0000 - 12200.0000 MHz	36M0G7W		Digital Audio, Video, Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180522-00921** E E180496 WZTV Licensee, LLC  
Registration 05/22/2018 - 05/22/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 631 Mainstream Drive, Davidson, Nashville, TN  
36 ° 11 ' 55.00 " N LAT. 86 ° 49 ' 1.50 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	AFC	4.5
	3700.0000 - 4200.0000 MHz	36M0G7W		digital data: various FEC, data rates and modulation

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180523-00922** E E180497 GOCOM Media of Illinois, LLC  
Registration 05/22/2018 - 05/22/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 2680 E Cook St., Sangamon, Springfield, IL  
39 ° 47 ' 40.00 " N LAT. 89 ° 36 ' 59.30 " W LONG.

ANTENNA ID:	4.6M.	4.6 meters	Andrew Corporation	ESA46-CCP2
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3700.0000 - 4200.0000 MHz

36M0G7W

digital data: various FEC, data rates and modulation

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-REG-20180523-00923** E E180498 HomeTel Entertainment, Inc.

Registration

05/22/2018 - 05/22/2033

Grant of Authority

Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 501 North Douglas Street, Madison, St. Jacob, IL  
38 ° 43 ' 7.24 " N LAT.

89 ° 46 ' 8.31 " W LONG.

ANTENNA ID: ANT1 4.5 meters ATCi

Simulsat 5

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

ANTENNA ID: ANT2 3.8 meters Patriot

Prime Focus

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:**

1 - PERMITTED LIST - ()

**SES-REG-20180523-00933** E E180506 Nelly Broadcasting, LLC

Registration

05/23/2018 - 05/23/2033

Grant of Authority

Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2470 Appleside Blvd. STE.B (KZBG Studios), Asotin, Clarkston, WA  
46 ° 39 ' 24.00 " N LAT.

117 ° 4 ' 58.00 " W LONG.

ANTENNA ID: Receive-1 3 meters Prime Focus

2012

3700.0000 - 4200.0000 MHz 36M0G7W

Digital Video and Audio Signals

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180524-00943** E E180515 Lone Pine Television, Inc.  
Registration 05/24/2018 - 05/24/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 125 N Lakeview, USA, Lone Pine, CA  
36 ° 36 ' 23.60 " N LAT. 118 ° 3 ' 28.80 " W LONG.

ANTENNA ID: G- 3.8 meters Patriot Unknown

3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW

ANTENNA ID: S Atlanta 2.8 meters Scientific Atlanta 9000

3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180525-00946** E E180519 BROADCAST SOUTH, LLC  
Registration 05/25/2018 - 05/25/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 509 Columbia Ave S., Douglas, Douglas, GA  
31 ° 30 ' 11.20 " N LAT. 82 ° 52 ' 8.20 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters DAWN 3.7M

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

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180529-00973** E E180540 East Arkansas Video, Inc.  
Registration 05/29/2018 - 05/29/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 1335 Brookside Drive (438), St. Francis, Forrest City, AR  
34 ° 59 ' 32.00 " N LAT. 90 ° 45 ' 15.00 " W LONG.

ANTENNA ID: 1 4.5 meters American Antennas TVRO-4.5  
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180530-00972** E E180539 GLG Media, LLC  
Registration 05/29/2018 - 05/29/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: Buckman Mountain Rd., Travis, Austin, TX  
30 ° 19 ' 25.25 " N LAT. 97 ° 47 ' 58.53 " W LONG.

ANTENNA ID: TVRO 1 3 meters Unimesh 10ft. wire mesh C/Ku  
3700.0000 - 4200.0000 MHz 500MV9W Digital and analogue video, audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180531-01053** E E180606 Minnesota Public Radio  
Registration 05/31/2018 - 05/31/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 405A Beltrami Street (Studio KCRB), Beltrami, Bemidji, MN  
47 ° 28 ' 18.00 " N LAT. 94 ° 52 ' 54.00 " W LONG.

ANTENNA ID: 3.8M. 3.7 meters Prodelin 1374  
3700.0000 - 4200.0000 MHz 76K8G1D Singl Channel Carrier- receive only

**Points of Communication:**

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

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**SES-REG-20180531-01056** E E180609 Minnesota Public Radio  
Registration 05/31/2018 - 05/31/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 416 West 10th Street, St. Louis, Duluth, MN  
46 ° 47 ' 21.00 " N LAT. 92 ° 6 ' 51.00 " 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.)

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**SES-REG-20180601-00912** E E180487 Comcast Cable Communications Management, LLC  
Registration 05/22/2018 - 05/22/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: US RT50 Water Tower Rd./Cher-Bet Drive, Hampshire, Augusta, WV  
39 ° 17 ' 58.20 " N LAT. 78 ° 38 ' 19.90 " W LONG.

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180605-01085** E E180623 Minnesota Public Radio  
Registration 06/05/2018 - 06/05/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 365 Old Ski Hill Road, Cook, Grand Marais, MN  
47 ° 46 ' 4.00 " N LAT. 90 ° 20 ' 47.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 1374

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3700.0000 - 4200.0000 MHz

76K8G1D

Single Channel Carrier-receive only

**Points of Communication:**

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

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**SES-REG-20180605-01086** E E180624 Minnesota Public Radio

Registration

06/05/2018 - 06/05/2033

Grant of Authority

Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2315 State Highway 1, St. Louis, Ely, MN

47 ° 53 ' 1.00 " N LAT.

91 ° 50 ' 31.00 " 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.)

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**SES-REG-20180605-01087** E E180625 Minnesota Public Radio

Registration

06/05/2018 - 06/05/2033

Grant of Authority

Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1347 County Road 440, Itasca, Coleraine, MN

47 ° 16 ' 39.00 " N LAT.

93 ° 26 ' 58.00 " 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.)

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**SES-REG-20180605-01138** E E180639 Minnesota Public Radio

Registration

06/05/2018 - 06/05/2033

Grant of Authority

Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 550 Gramsie Road, Ramsey, Shoreview, MN  
45 ° 3 ' 30.00 " N LAT. 93 ° 7 ' 27.00 " 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.)

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**SES-REG-20180605-01139** E E180640 Minnesota Public Radio  
Registration 06/05/2018 - 06/05/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 901 South 8th Street, Clay, Moorhead, MN  
46 ° 51 ' 46.00 " N LAT. 96 ° 46 ' 2.00 " 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.)

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**SES-REG-20180605-01140** E E180641 Minnesota Public Radio  
Registration 06/05/2018 - 06/05/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 301 Morris Avenue North, Pine, Hinckley, MN  
46 ° 1 ' 28.00 " N LAT. 93 ° 1 ' 22.00 " 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.)

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**SES-REG-20180605-01141** E E180642 Minnesota Public Radio  
Registration 06/05/2018 - 06/05/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 3909 County Road 98, Koochiching, International Falls, MN  
48 ° 28 ' 24.00 " N LAT. 93 ° 19 ' 59.00 " 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.)

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**SES-REG-20180605-01142** E E180643 Minnesota Public Radio  
Registration 06/05/2018 - 06/05/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 998 TSchumper Road, Houston, La Crescent, MN  
43 ° 48 ' 16.00 " N LAT. 91 ° 22 ' 19.00 " 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.)

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**SES-REG-20180605-01144** E E180645 Minnesota Public Radio  
Registration 06/05/2018 - 06/05/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 2003 70th Avenue NE, Dakota, Rochester, MN  
44 ° 2 ' 28.00 " N LAT. 92 ° 20 ' 25.00 " 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-20180605-01146** E E180647 University of Oregon

Registration

06/05/2018 - 06/05/2033

Grant of Authority

Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 75 Centennial Loop (KWAX STUDIOS), Lane, Eugene, OR

44 ° 3 ' 38.00 " N LAT.

123 ° 4 ' 41.10 " W LONG.

ANTENNA ID: DISH-1 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 36M0G7W QPSK modulation, digital audio and video data

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-REG-20180606-00939** E E180511 Inside Connect Cable, LLC

Registration

05/17/2018 - 05/17/2033

Grant of Authority

Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 150 PROGRESS WAY, OWEN, OWENTON, KY

38 ° 33 ' 5.70 " N LAT.

84 ° 50 ' 42.00 " W LONG.

ANTENNA ID: ANT1 4.6 meters SCIENTIFIC ATLANTA 8346

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

ANTENNA ID: ANT2 3.8 meters PATRIOT 3.8

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

ANTENNA ID: ANT3 3.4 meters SCIENTIFIC ATLANTA 3.4

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

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SITE ID: Brooks  
LOCATION: 100 KLAPPER RD 38, BULLITT, BROOKS, KY  
38 ° 2 ' 54.80 " N LAT. 85 ° 46 ' 2.40 " W LONG.

ANTENNA ID: ANT1 3.7 meters SCIENTIFIC ATLANTA PRODELIN 3.7

SITE ID: BREMEN KY  
LOCATION: 4446 MAIN ST, MUHLENBURG, BREMEN, KY  
37 ° 21 ' 36.30 " N LAT. 87 ° 12 ' 49.40 " W LONG.

ANTENNA ID: ANT2 3.8 meters PATRIOT 3.8

ANTENNA ID: ANT1 4.5 meters SCIENTIFIC ATLANTA 8345

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO

**Points of Communication:**

1 - PERMITTED LIST - ()

BREMEN KY - PERMITTED LIST - ()

Brooks - PERMITTED LIST - ()

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**SES-REG-20180606-00966** E E180533 Coloff Media, LLC  
Registration 05/28/2018 - 05/28/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 18643 360th Street, Winnebago, Forest City, IA  
43 ° 17 ' 3.00 " N LAT. 93 ° 37 ' 56.50 " W LONG.

ANTENNA ID: ANT1 3.05 meters Channel Master 6346

3700.0000 - 4200.0000 MHz 36M0G7W NULL

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

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**SES-REG-20180606-01137** E E180638 Minnesota Public Radio  
Registration 06/06/2018 - 06/06/2033  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 239 70th Avenue, Murray, Chandler, MN  
43 ° 53 ' 1.00 " N LAT. 95 ° 55 ' 44.00 " 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.)

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**SES-REG-20180611-01398** E E180793 Radio International KATQ BC Asso Inc  
Registration 06/11/2018 - 06/11/2033  
Grant of Authority Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 112 3rd E Ave (KATQ Studio), Sheridan, Plentywood, MT  
48 ° 46 ' 33.00 " N LAT. 104 ° 33 ' 24.60 " W LONG.

ANTENNA ID: 1 3.7 meters DH Satellite 3.7 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180611-01406** E E180798 Southeastern Ohio Television System  
Registration 06/11/2018 - 06/11/2033  
Grant of Authority Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 626 Downard Road, Muskingum, Zanesville, OH  
39 ° 55 ' 42.00 " N LAT. 81 ° 59 ' 6.00 " W LONG.

ANTENNA ID: 4 3.9 meters AFC 3.9 M  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

ANTENNA ID: 1 3.4 meters Prodelin 3.4 M  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

ANTENNA ID: 2 5.3 meters Suncom 5.3 M

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3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO AUDIO AND DATA
ANTENNA ID: 3	3.1 meters Patriot	PRT-310
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO AUDIO AND DATA
ANTENNA ID: 5	4 meters Comtech	4.0 M
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO AUDIO AND DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-REG-20180611-01407</b>	E E180799	ADX Communications of Escambia	06/11/2018 - 06/11/2033
Registration			Date Effective: 09/04/2018
Grant of Authority			

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 7179 Printers Alley, Santa Rosa, Milton, FL  
30 ° 37 ' 12.70 " N LAT. 87 ° 1 ' 12.90 " W LONG.

ANTENNA ID: Ant1	3.7 meters	DAWNco	D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio and Video Signals

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-REG-20180612-01399</b>	E E180794	Darien Communications, Inc.	06/11/2018 - 06/11/2033
Registration			Date Effective: 09/04/2018
Grant of Authority			

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1011 North Way, McIntosh, Darien, GA  
31 ° 24 ' 44.70 " N LAT. 81 ° 27 ' 18.40 " W LONG.

ANTENNA ID: 3.7M.	3.7 meters	Scientific-Atlanta	9037
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: 3.7M.-Prod	3.7 meters	Prodelin	3.7 meter
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

ANTENNA ID:	3.8M.-Pat	3.8 meters	Patriot	3.8 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4.5M.-SA	4.5 meters	Scientific-Atlanta	4.5 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	DH3.7	3.7 meters	DH	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-REG-20180614-01497</b>	E	E180869	Massillon Cable TV, Inc.	
Registration				06/14/2018 - 06/14/2033
Grant of Authority				Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 35156 Walnut Ridge Rd, Jefferson, SALINEVILLE, OH  
 40 ° 37 ' 48.20 " N LAT. 80 ° 50 ' 16.70 " W LONG.

ANTENNA ID:	4.2DH	4.2 meters	DH	4.2 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-REG-20180620-01745</b>	E	E181052	CHRISTIAN TELEVISION NETWORK, INC	
Registration				06/20/2018 - 06/20/2033
Grant of Authority				Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Studio  
 LOCATION: 9582 Lebanon Road, Wilson, Juliet, TN  
 36 ° 13 ' 48.60 " N LAT. 86 ° 29 ' 6.60 " W LONG.

ANTENNA ID:	1	3.7 meters	DH	GIB37M-DP
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO AUDIO AND DATA

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SITE ID: Transmitter Site  
LOCATION: Lone Oak Road, Wilson, Mt. Juliet, TN  
36 ° 5 ' 1.20 " N LAT. 86 ° 25 ' 50.30 " W LONG.

ANTENNA ID: 1 3.7 meters DH GIB37M-DP  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

**Points of Communication:**

Studio - PERMITTED LIST - ()

Transmitter Site - PERMITTED LIST - ()

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**SES-REG-20180620-01750** E E181056 CHRISTIAN TELEVISION OF PALM BEACH COUNTY, INC  
Registration 06/20/2018 - 06/20/2033  
Grant of Authority Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 4119 W Blue Heron Blvd (WFGC), Palm Beach, Riviera Beach, FL  
26 ° 46 ' 57.10 " N LAT. 80 ° 6 ' 2.90 " W LONG.

ANTENNA ID: 1 4.5 meters Patriot 4.5M  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180620-01751** E E181057 CHRISTIAN TELEVISION CORPORATION, INC  
Registration 06/20/2018 - 06/20/2033  
Grant of Authority Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 9805 E Iliff Ave (Transmitter Site), Denver, Denver, CO  
39 ° 40 ' 30.80 " N LAT. 104 ° 52 ' 24.30 " W LONG.

ANTENNA ID: 1 3.7 meters DH GIB37M-DP  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180620-01753** E E181059 CHRISTIAN TELEVISION CORPORATION, INC  
Registration 06/20/2018 - 06/20/2033  
Grant of Authority Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: Cheyenne Mountain, El Paso, Colorado Springs, CO  
38 ° 44 ' 41.80 " N LAT. 104 ° 51 ' 39.80 " W LONG.

ANTENNA ID: 1 3.7 meters DH GIB37M-DP  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180620-01755** E E181060 Peter and John Radio Fellowship Inc dba WRBS 95.1 FM  
Registration 06/20/2018 - 06/20/2033  
Grant of Authority Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Site 1  
LOCATION: 3500 Commerce Drive, USA, Halethorpe, MD  
39 ° 15 ' 19.70 " N LAT. 76 ° 40 ' 31.20 " W LONG.

ANTENNA ID: ANT 1 3.8 meters Patriot PRT-380AZ  
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

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**SES-REG-20180629-01815** E E181084 Bloomberg Communications Inc.  
Registration 06/22/2018 - 06/22/2033  
Grant of Authority Date Effective: 09/04/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: One Metro Road 1.8 Mi E Of Junction Of Routes 3 & 120, Bergen, Carlstadt, NJ  
40 ° 48 ' 39.00 " N LAT. 74 ° 2 ' 24.00 " W LONG.

ANTENNA ID: 1 4.5 meters ASC ESA45



3700.0000 - 4200.0000 MHz	36M0G7W	Digital Programming and Data
3700.0000 - 4200.0000 MHz	36M0F8W	Analog Programming and Data
ANTENNA ID: 2	5 meters Comtech	829069
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Programming and Data
3700.0000 - 4200.0000 MHz	36M0F8W	Analog Programming and Data
ANTENNA ID: 3	3.8 meters Comtech	829066
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Programming and Data
3700.0000 - 4200.0000 MHz	36M0F8W	Analog Programming and Data
ANTENNA ID: 4	3.1 meters Channel Master	ESA31
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Programming and Data
3700.0000 - 4200.0000 MHz	36M0F8W	Analog Programming and Data
ANTENNA ID: 5	3.8 meters Patriot	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Programming and Data
3700.0000 - 4200.0000 MHz	36M0F8W	Analog Programming and Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180712-01773** E E030118 SES Government Solutions, Inc.  
 Renewal 09/02/2018 - 09/02/2033  
 Grant of Authority Date Effective: 08/29/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
 LOCATION: GISA/AYFD Bldg 2-4953 Rae Road, Fort Bragg, NC  
 35 ° 9 ' 37.20 " N LAT. 78 ° 59 ' 21.30 " W LONG.

ANTENNA ID: 1	9.3 meters ANDREW	ES93HS-1
5925.0000 - 6425.0000 MHz	54M0G7W	73.00 dBW Digital QPSK
3700.0000 - 4200.0000 MHz	54M0G7W	

**Points of Communication:**

**SES-RWL-20180731-02084** E E030156 BAE Systems Technology Solutions & Services Inc.  
 Renewal 10/14/2018 - 10/14/2033  
 Grant of Authority Date Effective: 08/29/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 500 CENTER STREET, BUILDING 409, HONOLULU, WAHIAWA, HI  
 21 ° 31 ' 15.20 " N LAT. 157 ° 59 ' 41.60 " W LONG.

ANTENNA ID:	C-BAND	16.4 meters	VERTEX	16.4 KPC	
	6409.0000 - 6425.0000 MHz		210KG1D	73.50 dBW	DIGITAL DATA CARRIER
	6409.0000 - 6425.0000 MHz		35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
	6147.0000 - 6356.0000 MHz		210KG1D	73.50 dBW	DIGITAL DATA CARRIER
	6147.0000 - 6356.0000 MHz		35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
	6028.0000 - 6114.0000 MHz		210KG1D	73.50 dBW	DIGITAL DATA CARRIER
	6028.0000 - 6114.0000 MHz		35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
	5991.0000 - 5995.0000 MHz		35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
	5991.0000 - 5995.0000 MHz		210KG1D	73.50 dBW	DIGITAL DATA CARRIER
	5961.0000 - 5995.0000 MHz		35M5G1D	83.40 dBW	DIGITAL DATA CARRIER
	5961.0000 - 5995.0000 MHz		210KG1D	61.10 dBW	DIGITAL DATA CARRIER
	5925.0000 - 5930.0000 MHz		35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
	5925.0000 - 5930.0000 MHz		210KG1D	73.50 dBW	DIGITAL DATA CARRIER
	3700.0000 - 4200.0000 MHz		35M5G1D		DIGITAL DATA CARRIER
	3700.0000 - 4200.0000 MHz		210KG1D		DIGITAL DATA CARRIER

ANTENNA ID:	KUBAND	9 meters	VERTEX	9 KPC	
	14000.0000 - 14500.0000 MHz		35M5G1D	84.57 dBW	DIGITAL DATA CARRIER
	14000.0000 - 14500.0000 MHz		210KG1D	63.30 dBW	DIGITAL DATA CARRIER
	11450.0000 - 12200.0000 MHz		35M5G1D		DIGITAL DATA CARRIER

11450.0000 - 12200.0000 MHz	210KG1D	DIGITAL DATA CARRIER
10950.0000 - 11200.0000 MHz	35M5G1D	DIGITAL DATA CARRIER
10950.0000 - 11200.0000 MHz	210KG1D	DIGITAL DATA CARRIER

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180813-02206** E E030105 DIRECTV Enterprises, LLC  
 Renewal 09/08/2018 - 09/08/2033  
 Grant of Authority Date Effective: 08/29/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service, Fixed Satellite Service

SITE ID: CRBC

LOCATION: 5454 Garton Rd., Douglas, Castle Rock, CO  
 39 ° 16 ' 38.00 " N LAT.

104 ° 48 ' 26.50 " W LONG.

ANTENNA ID: CD07	13.2 meters	VertexRSI	13.2LMA
17300.0000 - 17800.0000 MHz	24M0G7W	77.70 dBW	QPSK digital audio/video and PM command
17300.0000 - 17800.0000 MHz	NON	77.10 dBW	Unmodulated Tracking Beacon
17300.0000 - 17800.0000 MHz	800KF2D	87.40 dBW	PCM/PSK Command Data
12200.0000 - 12700.0000 MHz	24M0G7W		QPSK digital audio/video and FM telemetry
12200.0000 - 12700.0000 MHz	800KF2D		PCM/PSK Command Data
12200.0000 - 12700.0000 MHz	NON		Unmodulated Tracking Beacon

**Points of Communication:**

CRBC - DIRECTV 8 - (101 W.L.)

CRBC - DIRECTV 9S - (101 W.L.)

CRBC - DIRECTV-4S - (101.0 W.L.)

CRBC - DIRECTV-5 - (110.0 W.L.)

CRBC - DIRECTV-7S - (119 W.L.)

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**SES-RWL-20180813-02207** E E030117 DIRECTV Enterprises, LLC  
 Renewal 09/08/2018 - 09/08/2033  
 Grant of Authority Date Effective: 08/29/2018

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID: ECUF

LOCATION: 260 Shady Elm Rd., Frederick, Winchester, VA  
39 ° 7 ' 55.40 " N LAT.

78 ° 12 ' 5.50 " W LONG.

ANTENNA ID:	ED01	13.2 meters	VertexRSI	13.2LMA	
	17300.0000 - 17800.0000 MHz		24M0G7W	87.40 dBW	QPSK digital audio/video
	17300.0000 - 17800.0000 MHz		1M00F2D	87.40 dBW	TT&C Operations
	12200.0000 - 12700.0000 MHz		24M0G7W		QPSK digital audio/video and FM telemetry
	12200.0000 - 12700.0000 MHz		1M00F2D		TT&C Operations

**Points of Communication:**

ECUF - DIRECTV 8 - (101 W.L.)

ECUF - DIRECTV 9S - (101 W.L.)

ECUF - DIRECTV-4S - (101.0 W.L.)

ECUF - DIRECTV-5 - (110.0 W.L.)

ECUF - DIRECTV-7S - (119 W.L.)

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**SES-RWL-20180817-02298** E E030297 Community Communications, Inc

Renewal

11/14/2018 - 11/14/2033

Grant of Authority

Date Effective: 08/30/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 11510 EAST COLONIAL DRIVE (WMFE), ORANGE, ORLANDO, FL  
28 ° 33 ' 54.90 " N LAT.

81 ° 12 ' 45.20 " W LONG.

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180820-02301** E E030154 AT&T Corp.  
Renewal 08/21/2018 - 08/21/2033  
Grant of Authority Date Effective: 08/29/2018

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

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: VARIOUS, USA

ANTENNA ID:	1	4.5 meters	ANDREWS	4.5 ANDREWS ESA_APT	
	14000.0000 - 14500.0000 MHz		1M44G7W	65.40 dBW	QPSK, VOICE, DATA, FEC 3/4
	11700.0000 - 12200.0000 MHz		1M44G7W		QPSK, VOICE, DATA, FEC 3/4

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180824-02285** E E030270 University of South Florida Board of Trustees  
Renewal 10/31/2018 - 10/31/2033  
Grant of Authority Date Effective: 08/29/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: 4202 E. FOWLER AVE. (WUSF), HILLSBOROUGH, TAMPA, FL  
28 ° 3 ' 43.00 " N LAT. 82 ° 24 ' 42.00 " W LONG.

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20180828-02284** E E030317 Tillicum Foundation  
Renewal 11/20/2018 - 11/20/2033  
Grant of Authority Date Effective: 08/29/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: P.O. BOX 269, 14TH & EXCHANGE (KMUN-FM), CLATSOP, ASTORIA, OR  
46 ° 11 ' 15.00 " N LAT. 123 ° 49 ' 41.00 " W LONG.

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-STA-20180615-01099** E KA258 Intelsat License LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 08/29/2018

**Class of Station:**

On August 29, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning August 29, 2018, to operate its fixed earth station in Castle Rock, CO to provide telemetry, tracking and command (TT&C) services for the Intelsat 16 (S2750) satellite while on-station at 76.2° W.L., to continue assisting customers in responding to the damage caused by Hurricane Maria to the communications networks in Puerto Rico. All operations will be performed on the following center frequencies: 12198.25 MHz, 12198.75 MHz (space-to-Earth), and 13997.5 MHz, 14499.5 MHz (Earth-to-space).

**Points of Communication:**

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**SES-STA-20180716-01789** E E170089 SES Americom, Inc.  
Special Temporary Authority  
Grant of Authority Date Effective: 08/17/2018

**Class of Station:**

On August 28, 2018, SES Americom, Inc. requested correction of a previous FCC authorization to begin operations on September 2, 2018. Their request was granted on August 29, 2018 for 30 days. SES Americom will operate its fixed earth station in Mt. Airy, MD to provide telemetry, tracking and command (TT&C) services for the ASTRA 1H satellite as it drifts from the 67° W.L. orbital location to the 80.8° W.L. orbital location 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) frequency bands.

**Points of Communication:**

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**SES-STA-20180806-02093** E SES Americom, Inc.  
Special Temporary Authority  
Grant of Authority Date Effective: 08/29/2018

**Class of Station:**

On August 29, 2018, SES Americom, Inc. was granted special temporary authority to operate its VSAT Network for 30 days, beginning August 28, 2018, to conduct testing of a 1.2-meter Skyware Global antennas in Maine, South Carolina, Maryland, Florida, and Puerto Rico with hub stations in Maryland and Florida to communicate with: (1) the SES-14 (S2974) satellite at the 47.5°W.L. orbital location on the following frequencies: 14.0-14.5 GHz (Earth-to-space) and 10.95-11.2 GHz, 11.45-12.2 GHz (space-to-Earth); and (2) the NSS-806 (S2591) satellite at the 47.5° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-11.95 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SES-STA-20180806-02094** E KL92 Intelsat License LLC

Special Temporary Authority  
Grant of Authority

Date Effective: 08/29/2018

**Class of Station:**

On August 28, 2018, Intelsat License LLC was granted special temporary authority for 60 days, beginning August 28, 2018, to operate its fixed earth station in Castle Rock, CO to provide telemetry, tracking and command (TT&C) services for the Intelsat 16 (S2750) satellite while on-station at 76.2° W.L., to continue assisting customers in responding to the damage caused by Hurricane Maria to the communications networks in Puerto Rico. All operations will be performed on the following center frequencies: 12198.25 MHz, 12198.75 MHz (space-to-Earth), and 13997.5 MHz, 14499.5 MHz (Earth-to-space).

**Points of Communication:**

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**SES-STA-20180806-02128** E E980502 Intelsat License LLC

Special Temporary Authority  
Grant of Authority

Date Effective: 08/29/2018

**Class of Station:**

On August 29, 2018, Intelsat License LLC was granted of special temporary authority for 30 days, beginning on August 29, 2018, to operate its foxed earth station in Ellenwood, GA earth station to provide telemetry, tracking and command (TT&C) services for Intelsat 16 (S2750) satellite while on-station at 76.2° W.L. to continue assisting customers in responding to the damage caused by Hurricane Maria to the communications networks in Puerto Rico. All operations will be performed on the following center frequencies: 12198.25 MHz, 12198.75 MHz (space-to-Earth), and 13997.5 MHz, 14499.5 MHz (Earth-to-space).

**Points of Communication:**

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**SES-STA-20180810-02237** E KB27 SES Americom, Inc.

Special Temporary Authority  
Grant of Authority

Date Effective: 08/29/2018

**Class of Station:**

On August 29, 2018, SES Americom, Inc. was granted special temporary authority for 30 days, beginning September 2, 2018, to operate its fixed earth station in Somis, CA to provide telemetry, tracking and command services for the NSS-806 (S2591) satellite at 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;3050 MHz, 3952 MHz, and 3952.5 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20180810-02294** E E120055 SES Americom, Inc.

Special Temporary Authority  
Grant of Authority

Date Effective: 08/29/2018

**Class of Station:**

On August 29, 2018, SES Americom, Inc. was granted special temporary authority for 30 days, beginning September 2, 2018, to operate its fixed earth station in Mount Airy, MD to provide telemetry, tracking and command services for the NSS-806 (S2591) satellite at 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;3050 MHz, 3952 MHz, and 3952.5 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20180814-02199** E E120072 Inmarsat Inc.  
Special Temporary Authority  
Grant of Authority Date Effective: 09/04/2018

**Class of Station:**

Inmarsat Inc. was granted special temporary authority for seven days, commencing on September 5, 2018, to conduct testing of its 13.2-meter fixed earth station antenna in Lino Lakes, MN with the Nimiq-2 satellite at the 28° W. L. orbital location in the 29500-30000 MHz (Earth-to-space) and 19700-20200 MHz (space-to-Earth) frequency bands to assess its antenna performance at low elevation angles. during spacecraft emergency events.

**Points of Communication:**

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**SES-STA-20180817-02289** E E140117 DIRECTV Enterprises, LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:**

On August 31, 2018, DIRECTV Enterprises, LLC was granted special temporary authority for 30 days, beginning September 4, 2018 to operate its fixed earth station in New Hampton, NH to provide telemetry, tracking and command (TT&C) services for the T15 (S2930) satellite as it drifts from the 102.75° W.L. orbital location to the 100.85° W.L. orbital location in the 29.5025 GHz and 29.5059 GHz (Earth-to-space), and 20.1985 GHz and 20.1995 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SES-STA-20180817-02292** E E150022 DIRECTV Enterprises, LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 08/31/2018

**Class of Station:**

On August 31, 2018, DIRECTV Enterprises, LLC was granted special temporary authority for 30 days, beginning September 4, 2018 to operate its fixed earth station in Castle Rock, CO to provide telemetry, tracking and command (TT&C) services for the T15 (S2930) satellite as it drifts from the 102.75° W.L. orbital location to the 100.85° W.L. orbital location in the 29.5025 GHz and 29.5059 GHz (Earth-to-space), and 20.1985 GHz and 20.1995 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SES-STA-20180823-02316** E KA258 Intelsat License LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 08/30/2018

**Class of Station:**

On August 30, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning August 30, 2018, to continue to operate in Mountainside, MD to provide telemetry, tracking, and command (TT&C) services for the Intelsat 9 (S2380) satellite as it drifts from the 29.5° W.L. orbital location to the 66.15° E.L. orbital location. TT&C operations will continue to be performed in the following frequencies: 14.0005 GHz and 14.4945 GHz (Earth-to-space); and 11.7005 GHz and 11.702 GHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20180823-02317** E E980502 Intelsat License LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 08/29/2018

**Class of Station:**



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On August 29, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning August 29, 2018, to operate its fixed earth station in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services for the Intelsat 9 (S2380) satellite as it drifts from the 29.5° W.L. orbital location to the 66.15 ° E. L orbital location on the following center frequencies: 14.0005 GHz and 14.4945 GHz (Earth-to-space), and 11.7005 GHz and 11.702 GHz (space-to-Earth).

**Points of Communication:**

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**SES–STA–20180824–02309**    E   E070123    DIRECTV Enterprises, LLC  
Special Temporary Authority  
Grant of Authority  
Date Effective:    08/29/2018

**Class of Station:**

On August 29, 2018, DIRECTV Enterprises, LLC, was granted special temporary authority for 30 days, beginning August 31, 2018, to operate its fixed earth station in Long Beach, CA to provide telemetry, tracking and command (TT&C) services for the SPACEWAY 1 (S2191) satellite as it drifts from the 102.95° W.L orbital location to the 138.9° W.L orbital location on the following center frequencies: 29.5013021 GHz, and 29.509 1146 GHz (Earth-to-space); and 19.70125 GHz and 19.70225 MHz GHz (space-to-Earth).

**Points of Communication:**

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**SES–STA–20180824–02313**    E   E020242    DIRECTV Enterprises, LLC  
Special Temporary Authority  
Grant of Authority  
Date Effective:    08/30/2018

**Class of Station:**

On August 30, 2018, DIRECTV Enterprises LLC was granted special temporary authority for 30 days, beginning August 31, 2018, to operate its fixed earth station in Littleton, CO to provide telemetry, tracking, and command (TT&C) services for the SPACEWAY 1 (S2191) satellite as it drifts from the 102.95° W.L orbital location to the 138.9° W.L orbital location on the following center frequencies: 29.5013021 GHz and 29.5091146 GHz (Earth-to-space); and 19.70125 GHz and 19.70225 MHz GHz (space-to-Earth).

**Points of Communication:**

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**SES–T/C–20180824–02274**    E   KF52    Northland Cable Ventures LLC  
Application for Consent to Transfer of Control  
Grant of Authority  
Date Effective:    08/31/2018

**Current Licensee:**    Northland Cable Ventures LLC  
**FROM:** Northland Telecommunication Corporation  
**TO:**    Mega Broadband Investments Holdings LLC

No. of Station(s) listed: 3

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**SES–T/C–20180824–02275**    E   E2406    Northland Cable Television, Inc.  
Application for Consent to Transfer of Control  
Grant of Authority  
Date Effective:    08/31/2018

**Current Licensee:**    Northland Cable Television, Inc.  
**FROM:** Northland Telecommunication Corporation  
**TO:**    Mega Broadband Investments Holdings LLC

No. of Station(s) listed: 3

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**SURRENDER**

**SES-RWL-20060811-01355**    E860740    Bright House Networks, LLC

License surrendered by letter filed on August 29, 2018.

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