



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-01869

Wednesday July 20, 2016

## 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-AFS-20160603-00473** E E140054 SES Americom, Inc.  
Amendment  
Grant of Authority Date Effective: 07/18/2016

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 2323 Grimville Road, Carroll, Mount Airy, MD  
39 ° 22 ' 40.30 " N LAT. 77 ° 4 ' 51.40 " W LONG.

ANTENNA ID:	1	13.1 meters	Vertex	13.1 KPC
	14000.0000 - 14500.0000 MHz	100KG7W	63.48 dBW	DIGITAL DATA AND VOICE
	14000.0000 - 14500.0000 MHz	30M0G7W	88.25 dBW	DIGITAL DATA AND VOICE
	14000.0000 - 14500.0000 MHz	N0N	49.50 dBW	CW TEST CARRIER
	11700.0000 - 12200.0000 MHz	N0N		CW TEST CARRIER
	11700.0000 - 12200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
	11700.0000 - 12200.0000 MHz	30M0G7W		DIGITAL DATA AND VOICE
	17300.0000 - 17800.0000 MHz	24M0G7W	85.70 dBW	PSK Digital video, audio and data
	17300.0000 - 17800.0000 MHz	24M0D7W	85.70 dBW	PSK Digital video, audio and data
	17300.0000 - 17800.0000 MHz	100KD7W	63.70 dBW	PSK Digital Data

17300.0000 - 17800.0000 MHz	1M00F9D	79.70 dBW	FM Telecommand
12200.0000 - 12700.0000 MHz	24M0G7W		PSK Digital video, audio and data
12200.0000 - 12700.0000 MHz	100KG7W		PSK Digital Data
12200.0000 - 12700.0000 MHz	500KG9D		PSK Telemetry
17300.0000 - 17800.0000 MHz	N0N	55.70 dBW	CW test carrier
17300.0000 - 17800.0000 MHz	100KG7W	63.70 dBW	PSK Digital Data
12200.0000 - 12700.0000 MHz	N0N		CW tracking beacon
12200.0000 - 12700.0000 MHz	100KD7W		PSK Digital Data
12200.0000 - 12700.0000 MHz	24M0D7W		PSK Digital video, audio and data

**Points of Communication:**

1 - CIEL 2 - (128.85 W.L.)

1 - PERMITTED LIST - ()

1 - QUETZSAT-1 - (77.00 W.L.)

**SES-AMD-20160209-00125** E E160017 SES Americom, Inc.

Amendment

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1305 Industrial Park Rd, Shenandoah, Mt Jackson, VA

38 ° 43 ' 25.20 " N LAT.

78 ° 40 ' 1.40 " W LONG.

ANTENNA ID:	1	9.1 meters	SES	9.1 meter
	29250.0000 - 30000.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
	27500.0000 - 28600.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
	19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
	18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
	18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
	29250.0000 - 30000.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE

19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

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**SES-AMD-20160209-00126**    E E160016    SES Americom, Inc.

Amendment

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:                    1

LOCATION:                  3350 Eastbrook Dr, Larmier, Fort Collins, CO  
 40 ° 32 ' 30.70 " N LAT.

105 ° 2 ' 28.40 " W LONG.

ANTENNA ID:    1                            9.1 meters                  SES                                  9.1

29250.0000 - 30000.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
29250.0000 - 3000.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
29250.0000 - 3000.0000 MHz	250MG7W	87.60 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	87.60 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE

ANTENNA ID:    2                            7.3 meters                  SES                                  7.3

29250.0000 - 30000.0000 MHz	100KG7W	53.60 dBW	DIGITAL DATA AND VOICE
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27500.0000 - 28600.0000 MHz	100KG7W	53.60 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

**SES-AMD-20160209-00127** E E160015 SES Americom, Inc.

Amendment

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 66c Teleport Dr, Okanogan, Brewster, WA

48 ° 8 ' 46.70 " N LAT.

119 ° 41 ' 37.00 " W LONG.

ANTENNA ID: 1 7.3 meters SES 7.3 meter

29250.0000 - 30000.0000 MHz	100KG7W	53.60 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	100KG7W	53.60 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	250MG7W	87.60 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	87.60 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE

ANTENNA ID: 2 9.1 meters SES 9.1 meter

29250.0000 - 30000.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE

18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICEhh

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

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**SES-ASG-20160714-00659** E E120106 Gogo LLC  
 Application for Consent to Assignment  
 Grant of Authority Date Effective: 07/19/2016

**Current Licensee:** Gogo LLC  
**FROM:** GOGO LLC  
**TO:** AC BidCo LLC

No. of Station(s) listed: 1

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**SES-ASG-20160714-00660** E E150104 Gogo LLC  
 Application for Consent to Assignment  
 Grant of Authority Date Effective: 07/19/2016

**Current Licensee:** Gogo LLC  
**FROM:** GOGO LLC  
**TO:** AC BidCo LLC

No. of Station(s) listed: 1

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**SES-LIC-20160127-00098** E E160015 SES Americom, Inc.  
 Application for Authority 07/13/2016 - 07/13/2031  
 Grant of Authority Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1  
**LOCATION:** 66c Teleport Dr, Okanogan, Brewster, WA  
 48 ° 8 ' 46.70 " N LAT. 119 ° 41 ' 37.00 " W LONG.

**ANTENNA ID:** 1 7.3 meters SES 7.3 meter

18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	100KG7W	53.60 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE

29250.0000 - 30000.0000 MHz	100KG7W	53.60 dBW	DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	250MG7W	87.60 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	87.60 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE

ANTENNA ID: 2                      9.1 meters              SES                                      9.1 meter

18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
29250.0000 - 3000.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

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**SES-LIC-20160127-00099**    E E160016    SES Americom, Inc.

Application for Authority

07/13/2016 - 07/13/2031

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:                      1

LOCATION:                    3350 Eastbrook Dr, Larmier, Fort Collins, CO

40 ° 32 ' 30.70 " N LAT.

105 ° 2 ' 28.40 " W LONG.

ANTENNA ID: 2                      7.3 meters              SES                                      7.3

18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	100KG7W	53.60 dBW	DIGITAL DATA AND VOICE

19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	100KG7W	53.60 dBW	DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	250MG7W	87.60 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	87.60 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
ANTENNA ID: 1	9.1 meters	SES	9.1
18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28600.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

**SES-LIC-20160127-00100** E E160017 SES Americom, Inc.

Application for Authority

07/13/2016 - 07/12/2031

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1305 Industrial Park Rd, Shenandoah, Mt Jackson, VA

38 ° 43 ' 25.20 " N LAT.

78 ° 40 ' 1.40 " W LONG.

ANTENNA ID: 1	9.1 meters	SES	9.1 meter
18300.0000 - 18800.0000 MHz	100KG7W		DIGITAL DATA AND VOICE

27500.0000 - 28600.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	100KG7W	55.40 dBW	DIGITAL DATA AND VOICE
27500.0000 - 28500.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
29250.0000 - 30000.0000 MHz	250MG7W	89.40 dBW	DIGITAL DATA AND VOICE
18300.0000 - 18800.0000 MHz	250MG7W		DIGITAL DATA AND VOICE
19700.0000 - 20200.0000 MHz	250MG7W		DIGITAL DATA AND VOICE

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

**SES-LIC-20160209-00122** E E160020 SES Americom, Inc.

Application for Authority

07/13/2016 - 07/13/2031

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 530 Echostar Dr, Laramie, Cheyenne, WY

41 ° 7 ' 54.40 " N LAT.

104 ° 44 ' 15.30 " W LONG.

ANTENNA ID: 1 7.3 meters SES 7.3 meter

18300.0000 - 18800.0000 MHz	100KG7W		digital data and video
27500.0000 - 28600.0000 MHz	100KG7W	53.60 dBW	digital data and video
19700.0000 - 20200.0000 MHz	100KG7W		digital data and video
29250.0000 - 30000.0000 MHz	100KG7W	53.60 dBW	digital data and video
29250.0000 - 30000.0000 MHz	250MG7W	87.60 dBW	digital data and video
27500.0000 - 28600.0000 MHz	250MG7W	87.60 dBW	digital data and video
19700.0000 - 20200.0000 MHz	250MG7W		digital data and video
18300.0000 - 18800.0000 MHz	250MG7W		digital data and video

**Points of Communication:**



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1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

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**SES-LIC-20160209-00123** E E160021 SES Americom, Inc.

Application for Authority

07/13/2016 - 07/13/2031

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2323 Grimville Rd, Carroll, Mount Airy, MD

39 ° 22 ' 38.70 " N LAT.

77 ° 4 ' 49.10 " W LONG.

ANTENNA ID:	1	9.1 meters	SES	9.1 meter
18300.0000 - 18800.0000 MHz		100KG7W		digital data and video
27500.0000 - 28600.0000 MHz		100KG7W	55.40 dBW	digital data and video
19700.0000 - 20200.0000 MHz		100KG7W		digital data and video
29250.0000 - 30000.0000 MHz		100KG7W	55.40 dBW	digital data and video
29250.0000 - 30000.0000 MHz		250MG7W	89.40 dBW	digital data and video
27500.0000 - 28600.0000 MHz		250MG7W	89.40 dBW	digital data and video
19700.0000 - 20200.0000 MHz		250MG7W		digital data and video
18300.0000 - 18800.0000 MHz		250MG7W		digital data and video

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

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**SES-LIC-20160209-00124** E E160022 SES Americom, Inc.

Application for Authority

07/13/2016 - 07/13/2031

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 5920 Solano Verde Dr PO Box 479, Ventura, Somis, CA

34 ° 19 ' 31.90 " N LAT.

118 ° 59 ' 41.40 " W LONG.

ANTENNA ID:	1	7.3 meters	SES	7.3 meter
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18300.0000 - 18800.0000 MHz	100KG7W		digital data and video
27500.0000 - 28600.0000 MHz	100KG7W	53.60 dBW	digital data and video
19700.0000 - 20200.0000 MHz	100KG7W		digital data and video
29250.0000 - 30000.0000 MHz	100KG7W	53.60 dBW	digital data and video
29250.0000 - 30000.0000 MHz	250MG7W	87.60 dBW	digital data and video
27500.0000 - 28600.0000 MHz	250MG7W	87.60 dBW	digital data and video
19700.0000 - 20200.0000 MHz	250MG7W		digital data and video
18300.0000 - 18800.0000 MHz	250MG7W		digital data and video

**Points of Communication:**

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

**SES-LIC-20160330-00355** E E160069 HNS License Sub, LLC

Application for Authority

07/13/2016 - 07/13/2031

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1003 East State Farm Road, Lincoln, North Platte, NE

41 ° 5 ' 24.20 " N LAT.

100 ° 45 ' 10.60 " W LONG.

ANTENNA ID: 1 8.1 meters ASC 8.1 meter

18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 28600.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
29250.0000 - 30000.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute

**Points of Communication:**

1 - TELSTAR 19V - (63 W.L.)

**SES-LIC-20160330-00356** E E160068 HNS License Sub, LLC

Application for Authority  
Grant of Authority

07/13/2016 - 07/13/2031

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 725 6th Street, NW, Bernalillo, Albuquerque, NM  
35 ° 3 ' 33.10 " N LAT.

106 ° 39 ' 11.90 " W LONG.

ANTENNA ID: 1 8.1 meters ASC 8.1 meter

18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 28600.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
29250.0000 - 30000.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute

**Points of Communication:**

1 - TELSTAR 11N (S2357) - (37.5 W.L.)

**SES-LIC-20160330-00357** E E160067 HNS License Sub, LLC

Application for Authority

07/13/2016 - 07/13/2031

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 6737 W Steger Rd, Will, Monee, IL

41 ° 28 ' 1.70 " N LAT.

87 ° 46 ' 34.00 " W LONG.

ANTENNA ID: 1 8.1 meters ASC 8.1 meter

18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 28600.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
29250.0000 - 30000.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute

**Points of Communication:**

1 - TELSTAR 19V - (63 W.L.)

**SES-LIC-20160330-00358** E E160066 HNS License Sub, LLC  
 Application for Authority 07/13/2016 - 07/13/2031  
 Grant of Authority Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 22401 Juniper Flats Rd, Nuevo, Riverside, CA  
 33 ° 47 ' 43.50 " N LAT. 117 ° 5 ' 26.10 " W LONG.

ANTENNA ID: 1 8.1 meters ASC 8.1 meter

18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 28600.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
29250.0000 - 30000.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute

**Points of Communication:**

1 - TELSTAR 19V - (63 W.L.)

**SES-LIC-20160330-00359** E E160065 HNS License Sub, LLC  
 Application for Authority 07/13/2016 - 07/13/2031  
 Grant of Authority Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 9815 W Hallett Road, Spokane, Spokane, WA  
 47 ° 35 ' 31.50 " N LAT. 117 ° 33 ' 1.40 " W LONG.

ANTENNA ID: 1 5.6 meters ASC 5.6 meter

18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 28600.0000 MHz	250MD7W	77.80 dBW	DVB-S32 Outroute
29250.0000 - 30000.0000 MHz	250MD7W	77.80 dBW	DVB-S32 Outroute

**Points of Communication:**

1 - TELSTAR 19V - (63 W.L.)

**SES-MFS-20160408-00325** E E000048 Intelsat License LLC  
 Modification 05/10/2010 - 05/10/2025  
 Grant of Authority Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: PAS Atlanta  
 LOCATION: 2857 FORK CREEK CHURCH ROAD, DEKALB, ELLENWOOD, GA  
 33 ° 39 ' 52.00 " N LAT. 84 ° 16 ' 14.00 " W LONG.

ANTENNA ID:	AK-10	13 meters	RSI	1130
14000.0000 - 14500.0000 MHz	64K0G7W	58.00 dBW	Digital video and data	
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital video and data	
14000.0000 - 14500.0000 MHz	18M0F8F	82.00 dBW	Analog video	
14000.0000 - 14500.0000 MHz	36M0F8F	85.00 dBW	Analog video	
14000.0000 - 14500.0000 MHz	750KF2D	72.40 dBW	Command carrier	
11700.0000 - 12200.0000 MHz	64K0G7W			
11700.0000 - 12200.0000 MHz	36M0G7W			
11700.0000 - 12200.0000 MHz	18M0F8F			
11700.0000 - 12200.0000 MHz	36M0F8W			
11700.0000 - 12200.0000 MHz	750KF2D			
12750.0000 - 13250.0000 MHz	850KF2D	88.20 dBW	COMMAND CARRIER	
12750.0000 - 13250.0000 MHz	64K0G7W	61.80 dBW	DIGITAL VIDEO AND DATA	
12750.0000 - 13250.0000 MHz	72M0G7W	89.00 dBW	DIGITAL VIDEO AND DATA	

14000.0000 - 14500.0000 MHz	850KF2D	72.40 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz	72M0G7W	89.00 dBW	DIGITAL VIDEO AND DATA
13750.0000 - 13770.0000 MHz	850KF2D	68.00 dBW	COMMAND CARRIER
13750.0000 - 13770.0000 MHz	265KG7W	68.00 dBW	DIGITAL VIDEO AND DATA
13780.0000 - 14000.0000 MHz	850KF2D	68.00 dBW	COMMAND CARRIER
13780.0000 - 14000.0000 MHz	265KG7W	68.00 dBW	DIGITAL VIDEO AND DATA
13780.0000 - 14000.0000 MHz	72M0G7W	84.00 dBW	DIGITAL VIDEO AND DATA
10700.0000 - 10950.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
10700.0000 - 10950.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
11200.0000 - 11450.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
11200.0000 - 11450.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
10950.0000 - 11200.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
11450.0000 - 11700.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
12200.0000 - 12750.0000 MHz	64K0G7W		DIGITAL VIDEO AND DATA
12200.0000 - 12750.0000 MHz	72M0G7W		DIGITAL VIDEO AND DATA
14006.0000 - 14006.0000 MHz	900KFXD	85.00 dBW	COMMAND AND RANGING
13998.5000 - 13998.5000 MHz	900KFXD	85.00 dBW	COMMAND AND RANGING

**Points of Communication:**

PAS Atlanta - INTELSAT 11 - (43.0 W.L.)

PAS Atlanta - INTELSAT 14 (S2785) - (45.0 W.L.)

PAS Atlanta - INTELSAT 16 - (58 W.L.)

PAS Atlanta - INTELSAT 31 - (95.05)

PAS Atlanta - INTELSAT 705 - (50 W.L.)



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PAS Atlanta - INTELSAT 707 - (53 W.L.)

PAS Atlanta - PERMITTED LIST - ()

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**SES-MFS-20160408-00326** E E030096 Intelsat License LLC

Modification

10/29/2003 - 10/29/2018

Grant of Authority

Date Effective: 07/13/2016

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 5281 EAST GARTON ROAD, DOUGLAS, CASTLE ROCK, CO

39 ° 16 ' 37.00 " N LAT.

104 ° 48 ' 24.00 " W LONG.

ANTENNA ID:	CK-9	11 meters	VERTEX	11KPK
	14000.0000 - 14500.0000 MHz	36M0G7W	80.00 dBW	DIGITAL VIDEO AND DATA
	14000.0000 - 14500.0000 MHz	36M0F8F	75.00 dBW	ANALOG VIDEO
	14000.0000 - 14500.0000 MHz	750KF2D	71.00 dBW	COMMAND CARRIER
	14000.0000 - 14500.0000 MHz	64K0G7D	53.00 dBW	DIGITAL DATA
	13990.0000 - 14000.0000 MHz	750KF2D	85.00 dBW	COMMAND CARRIER
	13750.0000 - 13755.0000 MHz	750KF2D	85.00 dBW	COMMAND CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7W		
	11700.0000 - 12200.0000 MHz	36M0F8F		
	11700.0000 - 12200.0000 MHz	750KF2D		
	11700.0000 - 12200.0000 MHz	64K0G7D		
	13997.5000 - 13997.5000 MHz	850KG7D	85.00 dBW	TT&C
	14006.0000 - 14006.0000 MHz	900KFXD	85.00 dBW	COMMAND RANGING
	13998.5000 - 13998.5000 MHz	900KFXD	85.00 dBW	COMMAND RANGING
ANTENNA ID:	CK-10	8.1 meters	VERTEX	8.1KPK
	14000.0000 - 14500.0000 MHz	64K0G7D	53.00 dBW	DIGITAL DATA
	14000.0000 - 14500.0000 MHz	750KF2D	68.23 dBW	COMMAND CARRIER
	14000.0000 - 14500.0000 MHz	36M0F8F	72.00 dBW	ANALOG VIDEO

14000.0000 - 14500.0000 MHz	36M0G7W	80.00 dBW	DIGITAL VIDEO AND DATA
13750.0000 - 13755.0000 MHz	750KF2D	85.00 dBW	COMMAND CARRIER
11700.0000 - 12200.0000 MHz	64K0G7D		
11700.0000 - 12200.0000 MHz	750KF2D		
11700.0000 - 12200.0000 MHz	36M0F8F		
11700.0000 - 12200.0000 MHz	36M0G7W		
13990.0000 - 14000.0000 MHz	750KF2D	85.00 dBW	COMMAND CARRIER

**Points of Communication:**

- 1 - GALAXY XI - (91 W.L.)
- 1 - INTELSAT 16 - (58.10 W.L.)
- 1 - INTELSAT 31 - (95.05)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-8B - (43 W.L.)
- 1 - PERMITTED LIST - ()

**SES-MFS-20160512-00407** E E140054 SES Americom, Inc.

Modification

09/15/2014 - 09/15/2029

Grant of Authority

Date Effective: 07/18/2016

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 2323 Grimville Road, Carroll, Mount Airy, MD  
39 ° 22 ' 40.30 " N LAT.

77 ° 4 ' 51.40 " W LONG.

ANTENNA ID: 1 13.1 meters Vertex 13.1 KPC

14000.0000 - 14500.0000 MHz	100KG7W	63.48 dBW	DIGITAL DATA AND VOICE
14000.0000 - 14500.0000 MHz	30M0G7W	88.25 dBW	DIGITAL DATA AND VOICE
14000.0000 - 14500.0000 MHz	N0N	49.50 dBW	CW TEST CARRIER
11700.0000 - 12200.0000 MHz	N0N		CW TEST CARRIER
11700.0000 - 12200.0000 MHz	100KG7W		DIGITAL DATA AND VOICE
11700.0000 - 12200.0000 MHz	30M0G7W		DIGITAL DATA AND VOICE

17300.0000 - 17800.0000 MHz	24M0G7W	85.70 dBW	PSK Digital video, audio and data
17300.0000 - 17800.0000 MHz	24M0D7W	85.70 dBW	PSK Digital video, audio and data
17300.0000 - 17800.0000 MHz	1M00F9D	79.70 dBW	FM Telecommand
12200.0000 - 12700.0000 MHz	24M0G7W		PSK Digital video, audio and data
12200.0000 - 12700.0000 MHz	500KG9D		PSK Telemetry
17300.0000 - 17800.0000 MHz	N0N	55.70 dBW	CW test carrier
17300.0000 - 17800.0000 MHz	100KD7W	63.70 dBW	PSK Digital Data
17300.0000 - 17800.0000 MHz	100KG7W	63.70 dBW	PSK Digital Data
12200.0000 - 12700.0000 MHz	N0N		CW tracking beacon
12200.0000 - 12700.0000 MHz	100KD7W		PSK Digital Data
12200.0000 - 12700.0000 MHz	100KG7W		PSK Digital Data
12200.0000 - 12700.0000 MHz	24M0D7W		PSK Digital video, audio and data

**Points of Communication:**

1 - CIEL 2 - (128.85 W.L)

1 - PERMITTED LIST - ()

1 - QUETZSAT-1 - (77.00 W.L.)

**SES-MFS-20160527-00458** E E150097 ISAT US Inc.

Modification

10/22/2015 - 10/22/2030

Grant of Authority

Date Effective: 07/18/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 1 0.75 meters Cobham SATCOM 3075

19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

29500.0000 - 30000.0000 MHz	3M32G7W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
ANTENNA ID: TF 1	0.75 meters	Cobham SATCOM	5075
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M32G7W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

SITE ID: 2  
LOCATION: 4000 Blanket Terminals, CONUS,PR, USVI

ANTENNA ID: TF 2	1 meters	Cobham SATCOM	7100
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	4M18G7W	54.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

SITE ID: 3  
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 3	0.85 meters	L3	Cheetah II
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	44.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	53.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M99G7W	53.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

SITE ID: 5  
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 5	0.69 meters	Paradigm/SWT	Connect 70
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19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	43.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M24G7W	51.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

SITE ID: 6  
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 6	0.65 meters	SWT	Atom 65GX/01
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M40G7W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

ANTENNA ID: TF 6	0.65 meters	SWT	Atom 65AAGX/01
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M40G7W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

SITE ID: 7  
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 7A	0.934 meters	Paradigm/SWT	Connect 100
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
ANTENNA ID: TF 7	0.934 meters	Paradigm/SWT	Connect 100T
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
ANTENNA ID: Fixed 7B	0.934 meters	Paradigm/SWT	SKY98GX/01
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
SITE ID: 8	LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI		
ANTENNA ID: Fixed 8A	1.8 meters	Paradigm/SWT	Connect 180
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M51G7W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
ANTENNA ID: Fixed 8B	1.8 meters	Paradigm/SWT	SKY180GX/01
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M51G7W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

SITE ID: 9  
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 9	0.89 meters	SKYWARE TECHNOLOGIES	ATOM 99
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	4M18G7W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF 9	0.89 meters	SYKYWARE TECHNOLOGIES	ATOM 99
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	4M18G7W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 4  
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 4	1.2 meters	L3	Hawkeye III Lite
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	46.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	56.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

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29500.0000 - 30000.0000 MHz

4M18G7W

56.40 dBW

Various modulation up to 32 APSK  
Digital Data Link/Data Signalling

**Points of Communication:**

1 - INMARSAT 5F2 - (55.0 W.L.)

1 - INMARSAT 5F3 - (179.6 E.L.)

2 - INMARSAT 5F2 - (55.0 W.L.)

2 - INMARSAT 5F3 - (179.6 E.L.)

3 - INMARSAT 5F2 - (55.0 W.L.)

3 - INMARSAT 5F3 - (179.6 E.L.)

4 - INMARSAT 5F2 - (55.0 W.L.)

4 - INMARSAT 5F3 - (179.6 E.L.)

5 - INMARSAT 5F2 - (55.0 W.L.)

5 - INMARSAT 5F3 - (179.6 E.L.)

6 - INMARSAT 5F2 - (55.0 W.L.)

6 - INMARSAT 5F3 - (179.6 E.L.)

7 - INMARSAT 5F2 - (55.0 W.L.)

7 - INMARSAT 5F3 - (179.6 E.L.)

8 - INMARSAT 5F2 - (55.0 W.L.)

8 - INMARSAT 5F3 - (179.6 E.L.)

9 - INMARSAT 5F2 - (55.0 W.L.)

9 - INMARSAT 5F3 - (179.6 E.L.)

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**SES-MOD-20160609-00494** E E000676 Allen Holdings, Inc. d/b/a Allen Communications

Application for Modification

12/27/2010 - 12/27/2025

Grant of Authority

Date Effective: 07/18/2016

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 10813 EL ARCO VARIOUS, LOS ANGELES, WHITTIER, CA

ANTENNA ID: 1

2.4 meters

GD SATCOM

2.4 SF

14000.0000 - 14500.0000 MHz

3M00G7F-

64.00 dBW

DIGITAL VIDEO



14000.0000 - 14500.0000 MHz	36M0G7F	74.80 dBW	DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	51K2G7D-	46.30 dBW	DIGITAL, QPSK, 1/2, 3/4 FEC
14000.0000 - 14500.0000 MHz	36M0G7D	74.80 dBW	DIGITAL, QPSK, 1/2, 3/4 FEC

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-STA-20160707-00634** E E080100 Row 44 Inc.  
 Special Temporary Authority  
 Grant of Authority Date Effective: 07/19/2016

**Class of Station:**

On July 19, 2016, Row 44, Inc. was granted special temporary authority for 60 days, beginning July 19, 2016, to operate its 0.62 meter TECOM Ku-Stream antenna earth stations aboard aircraft (ESAA) with the Eutelsat 115 West B satellite (S2938) at the 114.9° W.L. orbital location in the 14.05 to 14.47 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SES-STA-20160713-00648** E HARRIS CORPORATION  
 Special Temporary Authority  
 Grant of Authority Date Effective: 07/18/2016

**Class of Station:**

On July 18, 2016, Harris Corporation was granted special temporary authority for 30 days, beginning July 19, 2016, to use its fixed earth station in Prospect, CT to communicate with the AMC-8 satellite at the 139° W.L. orbital location in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SES-T/C-20160617-00583** E E5828 Insight Communications Midwest, LLC  
 Application for Consent to Transfer of Control  
 Consummated Date Effective: 05/18/2016

**Current Licensee:** Insight Communications Midwest, LLC

**FROM:** TIME WARNER CABLE INC.

**TO:** Charter Communications, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20160617-00584** E E860649 Time Warner Cable New York City LLC  
 Application for Consent to Transfer of Control  
 Consummated Date Effective: 05/18/2016

**Current Licensee:** Time Warner Cable New York City LLC

**FROM:** TIME WARNER CABLE INC.

**TO:** Charter Communications, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20160617-00585** E E050001 Cable Equities Colorado, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Cable Equities Colorado, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20160617-00586** E E110021 Renaissance Media LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Renaissance Media LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 2

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**SES-T/C-20160617-00587** E E6736 Oceanic Time Warner Cable LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Oceanic Time Warner Cable LLC  
**FROM:** TIME WARNER CABLE INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20160617-00588** E E020286 CCO SoCal I, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** CCO SoCal I, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 15

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**SES-T/C-20160617-00589** E E2018 Time Warner Cable Midwest LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Time Warner Cable Midwest LLC  
**FROM:** TIME WARNER CABLE INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 16

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**SES-T/C-20160617-00590** E WE54 Falcon Cablevision, a California Limited Partnership  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Falcon Cablevision, a California Limited Partnership  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 2

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**SES-T/C-20160617-00591** E E060058 CC VIII Operating, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** CC VIII Operating, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 10

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**SES-T/C-20160617-00592** E E080004 Charter Communications Entertainment I, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Charter Communications Entertainment I, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 5

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**SES-T/C-20160617-00593** E E050080 Charter Cable Partners, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Charter Cable Partners, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20160617-00594** E E050104 Time Warner Cable Pacific West LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Time Warner Cable Pacific West LLC  
**FROM:** TIME WARNER CABLE INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 15

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**SES-T/C-20160617-00595** E E050162 CC Michigan, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** CC Michigan, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20160617-00596** E E5824 Charter Communications VI, L.L.C.  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Charter Communications VI, L.L.C.  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 6

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**SES-T/C-20160617-00597** E E080034 Time Warner Cable Southeast LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Time Warner Cable Southeast LLC  
**FROM:** TIME WARNER CABLE INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 14

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**SES-T/C-20160617-00598** E E000249 Time Warner Cable Northeast LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Time Warner Cable Northeast LLC  
**FROM:** TIME WARNER CABLE INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 13

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**SES-T/C-20160617-00599** E E3518 Charter Communications, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Charter Communications, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 2

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**INFORMATIVE**

**SES-LIC-20050422-00484** E050116 Weather Group Television, LLC  
Licensee name changed from The Weather Channel LLC to Weather Group Television LLC by letter filed March 31, 2016.  
**SES-LIC-20060302-00338** E060074 Weather Group Television, LLC  
Licensee name changed from The Weather Channel LLC to Weather Group Television LLC by letter filed March 31, 2016.  
**SES-LIC-20070710-00922** E070142 Weather Group Television, LLC  
Licensee name changed from The Weather Channel LLC to Weather Group Television LLC by letter filed March 31, 2016.  
**SES-REG-20030623-00885** E030141 Weather Group Television, LLC  
Licensee name changed from The Weather Channel LLC to Weather Group Television LLC by letter filed March 31, 2016.  
**SES-RWL-20111028-01269** WD34 Weather Group Television, LLC  
Licensee name changed from The Weather Channel LLC to Weather Group Television LLC by letter filed March 31, 2016.

**SURRENDER**

**SES-RWL-20030527-00709** E5921 Insight Communications Midwest, LLC  
License surrendered by letter filed on July 13, 2016.  
**SES-RWL-20030909-01234** E6449 Time Warner Cable Midwest LLC  
License surrendered by letter filed on July 13, 2016.  
**SES-RWL-20051017-01418** E960055 Time Warner Cable Northeast LLC  
License surrendered by letter filed on July 13, 2016.  
**SES-RWL-20060327-00525** E960299 Time Warner Cable Midwest LLC  
License surrendered by letter filed on July 13, 2016.  
**SES-RWL-20070301-00287** E870893 Time Warner Cable Midwest LLC  
License surrendered by letter filed on July 13, 2016.  
**SES-RWL-20070604-00760** E873418 Time Warner Cable Midwest LLC  
License surrendered by letter filed on July 13, 2016.  
**SES-RWL-20090918-01197** E890947 Time Warner Cable Southeast LLC  
License surrendered by letter filed on July 13, 2016.

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