



PUBLIC NOTICE

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

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SES-01900

Wednesday November 2, 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-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

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

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)			
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		
This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).			
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

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

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.	07/13/2016 - 07/13/2031
Application for Authority			Date Effective: 07/13/2016
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

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:

1 - PERMITTED LIST - ()

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

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

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

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)

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

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

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
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

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

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			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

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

SITE ID: 1

LOCATION: 725 6th Street, NW, Bernalillo, Albuquerque, NM
35 ° 5 ' 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 19V - (63 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

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

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	07/13/2016 - 07/13/2031
Application for Authority			Date Effective: 07/13/2016
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

SITE ID: 1

LOCATION: 22401 Juniper Flats Rd, Riverside, Nuevo, 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

This authorization was reissued with condition 90364: Any transmissions in the 27.5-28.35 GHz (Earth-to-space) frequency band are on a secondary basis with respect to LMDS until the provisions adopted in FCC 16-89 go into force. After that, this earth station is considered grandfathered in this band pursuant to 47 CFR § 25.136(a)(2) or (a)(3).

SITE ID: 1

LOCATION: 9815 W Hallett Road, 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-LIC-20160915-00784	E E160149	Harb Production Services LLC	EZ
Application for Authority			10/31/2016 - 10/31/2031
Grant of Authority			Date Effective: 10/31/2016

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID: 3 2.4 meters AVL Technologies 2400K

14000.0000 - 14500.0000 MHz 36M0G7W 73.07 dBW Digital Video, Digital Audio, and Associated Metadata

11700.0000 - 12200.0000 MHz	36M0G7W	Digital Video, Digital Audio, and Associated Metadata
-----------------------------	---------	---

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20160915-00785	E E160150	NBC Telemundo License LLC	EZ
Application for Authority			10/25/2016 - 10/25/2031
Grant of Authority			Date Effective: 10/25/2016

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 160 Wells Avenue (NECN), Middlesex, Newton, MA
47 ° 17 ' 36.10 " N LAT. 71 ° 11 ' 52.90 " W LONG.

ANTENNA ID:	ES45	4.5 meters	ASC	ES45T-T-1
14000.0000 - 14500.0000 MHz	2M00G7W	66.59 dBW	Carrier phase modulated with video, audio and/or data	
14000.0000 - 14500.0000 MHz	36M0G7W	67.33 dBW	Carrier phase modulated with video, audio, and/or data	
11700.0000 - 12200.0000 MHz	2M00G7W		Carrier phase modulated with video, audio, and/or data	
11700.0000 - 12200.0000 MHz	36M0G7W		Carrier phase modulated with video, audio, and/or data	

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20160916-00786	E E160151	Santa Monica College	EZ
Application for Authority			10/25/2016 - 10/25/2031
Grant of Authority			Date Effective: 10/25/2016

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1660 Stewart Street Building B, Los Angeles, Santa Monica, CA
34 ° 1 ' 51.00 " N LAT. 118 ° 28 ' 1.00 " W LONG.

ANTENNA ID:	KU	2.4 meters	Prodelin	1244
14000.0000 - 14500.0000 MHz	100KG7W	46.19 dBW	Digital PSK modulation of audio and video content	

14000.0000 - 14500.0000 MHz	10M0G7W	66.18 dBW	Digital PSK modulation of audio, video and data content
11700.0000 - 12200.0000 MHz	100KG7W		Digital PSK modulation of audio and video content
11700.0000 - 12200.0000 MHz	10M0G7W		Digital PSK modulation of audio, video and data content
Points of Communication:			
1 - PERMITTED LIST - ()			
SES-LIC-20160916-00788	E E160152	Satcom Resources	
Application for Authority			10/26/2016 - 10/26/2031
Grant of Authority			Date Effective: 10/26/2016
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	122 Grand Sky Blvd, Grand Forks, Emerado, ND 47 ° 56 ' 16.00 " N LAT. 97 ° 24 ' 28.00 " W LONG.		
ANTENNA ID:	6.3M.	6.3 meters	General Dynamics Satcom KXX
11700.0000 - 12200.0000 MHz	6M00G7W		Digital Data Carrier
14000.0000 - 14500.0000 MHz	6M00G7W	75.30 dBW	Digital Data Carrier
Points of Communication:			
1 - PERMITTED LIST - ()			
SES-MFS-20160816-00729	E E140097	The Boeing Company	
Modification			03/13/2015 - 03/13/2030
Grant of Authority			Date Effective: 10/27/2016
Class of Station:	Other		
Nature of Service:	Fixed Satellite Service, Other		
SITE ID:	Aircraft		
LOCATION:	Operate up to 100 ESAA Terminals GLOBAL 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.		
ANTENNA ID:	BPA	0.381 meters	Boeing Boeing Phased Array
14000.0000 - 14500.0000 MHz	420KG7D	31.70 dBW	Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz	32M4G7D	50.60 dBW	Direct Sequence Spread Spectrum, O-QPSK

11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
ANTENNA ID: Reflector	0.65 meters	Mitsubishi Electric Co.	Boeing Reflector Ant
14000.0000 - 14500.0000 MHz	420KG7D	30.50 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz	32M4G7D	46.70 dBW	Direct Sequence Spread Spectrum, O-QPSK
ANTENNA ID: Tecom	0.65 meters	Tecom Industries, Inc.	KuStream 1500
14000.0000 - 14500.0000 MHz	420KG7D	37.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz	32M4G7D	44.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK

11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK

Points of Communication:

Aircraft - AMC-15 - (105 W.L.)

Aircraft - Eutelsat 113W(S2695) - (113 W.L.)

Aircraft - EUTELSAT 172A(S2610) - (172 E. L.)

Aircraft - Eutelsat 36B - (36 E.L.)

Aircraft - Eutelsat 7A - (7 E.L.)

Aircraft - GALAXY 17 (S2715) - (91 W.L.)

Aircraft - GALAXY 28 (S2160) - (89.0 W.L.)

Aircraft - INTEL 907 (S2411) - (27.5 W.L.)

Aircraft - SES-1 - (101.0 W.L.)

Aircraft - Superbird C2 - (144 E.L.)

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

SES-MOD-20160712-00639	E	E150018	O3b Limited	09/30/2015 - 09/30/2030
Application for Modification				Date Effective: 11/01/2016
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: RANDOLPH RIDGE

LOCATION: 12811 RANDOLPH RIDGE LANE, MANASSAS, MANASSAS, VA

38 ° 47 ' 46.60 " N LAT.

77 ° 34 ' 37.40 " W LONG.

ANTENNA ID:	ORBIT 1.2M	1.2 meters	ORBIT COMMUNICATIONS	AL-7103-Ka
28600.0000 - 29100.0000 MHz	54M0G7D	60.60 dBW	Various Modulations up to 32APSK; Digital Data Link	
28600.0000 - 29100.0000 MHz	216MG7D	64.02 dBW	Various Modulations up to 32APSK; Digital Data Link	

27600.0000 - 28400.0000 MHz	54M0G7D	60.60 dBW	Various Modulations up to 32APSK; Digital Data Link
27600.0000 - 28400.0000 MHz	216MG7D	64.02 dBW	Various Modulations up to 32APSK; Digital Data Link
18800.0000 - 19300.0000 MHz	54M0G7D		Various Modulations up to 32APSK; Digital Data Link
18800.0000 - 19300.0000 MHz	216MG7D		Various Modulations up to 32APSK; Digital Data Link
17800.0000 - 18600.0000 MHz	54M0G7D		Various Modulations up to 32APSK; Digital Data Link
17800.0000 - 18600.0000 MHz	216MG7D		Various Modulations up to 32APSK; Digital Data Link

Points of Communication:

RANDOLPH RIDGE - O3B-A (S2935) - (Eq. NGSO)

SES-MOD-20160826-00744 E E960474 Shaw Satellite Services Inc.
Application for Modification
Grant of Authority

01/03/2007 - 01/03/2022
Date Effective: 11/01/2016

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: BOATRACS 1
LOCATION: (100000 units) .08 Meter, CONUS AK, HI, PR, CA

ANTENNA ID:	REMOTE	0.08 meters	QUALCOMM	10-J5226-1
14200.0000 - 14450.0000 MHz		36M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14200.0000 - 14450.0000 MHz		36M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14200.0000 - 14450.0000 MHz		48M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14200.0000 - 14450.0000 MHz		48M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14090.0850 - 14100.0850 MHz		48M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14090.0850 - 14100.0850 MHz		36M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14090.0850 - 14100.0850 MHz		48M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM

14090.0850 - 14100.0850 MHz	36M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14018.7120 - 14033.2880 MHz	48M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14018.7120 - 14033.2880 MHz	36M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14018.7120 - 14033.2880 MHz	48M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
14018.7120 - 14033.2880 MHz	36M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM
12066.3750 - 12069.3750 MHz	2M05G7D		OMNI-2 FORWARD LINK DATA (QPSK)
12066.3750 - 12069.3750 MHz	2M00G1D		OMNI-2 FORWARD LINK DATA (QPSK)
11957.5000 - 11960.5000 MHz	2M05G7D		OMNI-2 FORWARD LINK DATA (QPSK)
11957.5000 - 11960.5000 MHz	2M00G1D		OMNI-2 FORWARD LINK DATA (QPSK)
11710.5000 - 11713.5000 MHz	2M05G7D		OMNI-2 FORWARD LINK DATA (QPSK)
11710.5000 - 11713.5000 MHz	2M00G1D		OMNI-2 FORWARD LINK DATA (QPSK)
11700.0000 - 12200.0000 MHz	2M05G7D		OMNI-2 FORWARD LINK DATA (QPSK)
11700.0000 - 12200.0000 MHz	2M00G1D		OMNITRACS FORWARD LINK DATA (MODE B)

SITE ID: BOATRACS 1

LOCATION: 6400 S. FIDDLERS GREEN CIR. #2000, GREENWOOD VILLAGE, CO

Points of Communication:

BOATRACS 1 - PERMITTED LIST - ()

BOATRACS 1 - PERMITTED LIST - ()

SES-MOD-20160913-00781 E E030060 WOIO License Subsidiary, LLC

Application for Modification

05/09/2003 - 05/09/2018

Grant of Authority

Date Effective: 10/26/2016

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: WOIO(TV) 1717 E. 12TH STREET, CLEVELAND, OH, VARIOUS

ANTENNA ID: 1 1.2 meters AVL TECHNOLOGIES 1210K
14000.0000 - 14500.0000 MHz 36M0G7W 64.07 dBW COMPRESSED DIGITAL VIDEO AND AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20161019-00849 E E120106 AC BidCo LLC
Special Temporary Authority
Grant of Authority Date Effective: 10/26/2016

Class of Station:

On October 26, 2016, AC BidCo LLC was granted special temporary authority for a period of 60 days to operate up to 200 earth stations aboard aircraft with the AMC-21 (S2676) satellite at the 125° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20161020-00850 E E160136 SES Government Solutions, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 10/25/2016

Class of Station:

On October 25, 2016, SES Government Solutions, Inc. was granted special temporary authority for 60 days, beginning October 26, 2016, to operate a fixed earth station in Pago Pago, American Samoa with the O3b FSS (S2935) non-geostationary satellite system in the 28.601-28.817 GHz (Earth-to-space) and 18.801-19.017 GHz (space-to Earth) frequency bands.

Points of Communication:

SES-STA-20161024-00854 E E140114 ISAT US Inc.
Special Temporary Authority
Grant of Authority Date Effective: 10/27/2016

Class of Station:

On October 27, 2016, ISAT US Inc. was granted special temporary authority for 9 days, beginning October 27, 2016, to operate one SeaTel GX 60 antenna in Palm Bay, FL with the Inmarsat I5 F2 satellite at the 55° W.L. orbital location in the 29375-29500 MHz (Earth-to-space) and 19575-19700 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20161025-00855 E E120106 AC BidCo LLC
Special Temporary Authority
Grant of Authority Date Effective: 10/28/2016

Class of Station:

On October 28, 2016, AC BidCo LLC was granted special temporary authority for a period of 60 days, beginning October 28, 2016, to continue to operate up to 200 earth stations aboard aircraft with: (1) the AMC-3 satellite (S2162) at the 67° W.L orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands; (2) the Intelsat 29e satellite (S2913) at the 50.0° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth) and 10.95-11.7 GHz (space-to-Earth) frequency bands; (3) the ASTRA 4A satellite (Sweden-licensed) at 4.8° E.L. orbital location in the 14.0-14.5 GHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth), and 12.20-12.75 GHz (space-to-Earth) frequency bands; and (4) the Intelsat 20 (S2847) satellite at 68.5° E.L. orbital location in the 14.0-14.5 GHz (Earth-to-space), 10.95-11.20 GHz, 11.45-11.70 GHz, and 12.25-12.75 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20161025-00859 E E160163 MTN License Corp.

Special Temporary Authority

Grant of Authority

Date Effective: 10/28/2016

Class of Station:

On October 28, 2016, MTN License Corp, was granted special temporary authority for a period of 60 days, beginning October 29, 2016, to operate a fixed earth station in Holmdel, NJ with the Intelsat 29E (S2913) satellite at the 50° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SURRENDER

SES-RWL-20020327-00567 E4217 Time Warner Cable Northeast LLC

License surrendered by letter filed on October 25, 2016.

SES-RWL-20030109-00027 E930023 Amway Corporation

License surrendered by letter filed on October 27, 2016.

SES-RWL-20030109-00028 E930022 Amway Corporation

License surrendered by letter filed on October 27, 2016,

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