



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01806

Wednesday December 9, 2015

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-AMD-20150812-00519 E E150085 HNS License Sub, LLC
Amendment
Grant of Authority Date Effective: 12/04/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1001 FORT CROOK RD N J2 Gateway application for 13.2m antenna, SARPY, BELLEVUE, NE
41 ° 10 ' 40.10 " N LAT. 95 ° 55 ' 25.70 " W LONG.

ANTENNA ID:	1	13.2 meters	GD Satcom	13.2m Ka
	29250.0000 - 30000.0000 MHz	89M8G7W	91.80 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	250MG7W	91.80 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	100KG7W	62.30 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	89M8G7W	91.80 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	250MG7W	91.80 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	100KG7W	62.30 dBW	M-ary PSK Outroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 19100.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute

18300.0000 - 19100.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
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Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-AMD-20150915-00594 E E150082 HNS License Sub, LLC

Amendment

Grant of Authority

Date Effective: 12/08/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4202 Coleman, Burleigh, Bismarck, ND

46 ° 51 ' 5.70 " N LAT.

100 ° 46 ' 48.70 " W LONG.

ANTENNA ID: 1 8.1 meters ASC Signal Ka 8.1m

29250.0000 - 30000.0000 MHz 250MG7D 88.30 dBW M-ary PSK Outroute

29250.0000 - 30000.0000 MHz 89M8G7W 88.30 dBW M-ary PSK Outroute

29250.0000 - 30000.0000 MHz 100KG7W 58.80 dBW M-ary PSK Outroute

27850.0000 - 29100.0000 MHz 89M8G7W 88.30 dBW M-ary PSK Outroute

27850.0000 - 29100.0000 MHz 250MG7D 88.30 dBW M-ary PSK Outroute

27850.0000 - 29100.0000 MHz 100KG7W 58.80 dBW M-ary PSK Outroute

19700.0000 - 20200.0000 MHz 250MG7W 0.00 dBW M-ary PSK Inroute

19700.0000 - 20200.0000 MHz 100KG7W 0.00 dBW M-ary PSK Inroute

18300.0000 - 19300.0000 MHz 250MG7W 0.00 dBW M-ary PSK Inroute

18300.0000 - 19300.0000 MHz 100KG7W 0.00 dBW M-ary PSK Inroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00332 E E150076 HNS License Sub, LLC

Application for Authority

Grant of Authority

12/07/2015 - 12/07/2030

Date Effective: 12/07/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 801 North Dish Drive J2 Gateway application for 9.2M, Maricopa, Gilbert, AZ
 33 ° 21 ' 55.80 " N LAT. 111 ° 48 ' 50.40 " W LONG.

ANTENNA ID:	1	9.2 meters	GD SATCOM	KA 9.2M
20199.0000 - 20199.0000 MHz	NON	0.00 dBW	Satellite Beacon	
19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute	
19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute	
18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute	
27850.0000 - 29100.0000 MHz	100KG7W	59.60 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	250MG7W	89.10 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	89M8G7W	89.10 dBW	M-ary PSK Outroute	
29300.0000 - 30000.0000 MHz	250MG7W	89.10 dBW	M-ary PSK Outroute	
29300.0000 - 30000.0000 MHz	89M8G7W	89.10 dBW	M-ary PSK Outroute	
28350.0000 - 28360.0000 MHz	1M30F9D	67.30 dBW	Command and Ranging Carrier	
29300.0000 - 30000.0000 MHz	100KG7W	59.60 dBW	M-ary PSK Outroute	
18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute	
19700.0000 - 19710.0000 MHz	300KG7W	0.00 dBW	Telemetry and Ranging	

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00333 E E150077 HNS License Sub, LLC
 Application for Authority 12/03/2015 - 12/03/2030
 Grant of Authority Date Effective: 12/03/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 530 Echostar Drive, Laramie, Cheyenne, WY
 41 ° 7 ' 55.20 " N LAT. 104 ° 44 ' 9.60 " W LONG.

ANTENNA ID:	1	9.2 meters	GD Satcom	Ka 9.2
20199.0000 - 20199.0000 MHz	NON	0.00 dBW	Satelite Beacon	

SES-LIC-20150604-00336 E E150080 HNS License Sub, LLC
 Application for Authority 12/02/2015 - 12/02/2030
 Grant of Authority Date Effective: 12/02/2015

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 ' 26.90 " N LAT. 100 ° 45 ' 10.80 " W LONG.

ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	27850.0000 - 29100.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00337 E E150081 HNS License Sub, LLC
 Application for Authority 12/02/2015 - 12/02/2030
 Grant of Authority Date Effective: 12/02/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 12101 Tukwila International Blvd, King, Tukwila, WA
 47 ° 29 ' 33.00 " N LAT. 122 ° 17 ' 42.00 " W LONG.

ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 29100.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00338 E E150082 HNS License Sub, LLC
 Application for Authority 12/08/2015 - 12/08/2030
 Grant of Authority Date Effective: 12/08/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 4202 Coleman, Burleigh, Bismarck, ND
 46 ° 51 ' 5.70 " N LAT. 100 ° 46 ' 48.70 " W LONG.

ANTENNA ID: 1 8.1 meters ASC Signal Ka 8.1m

18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 29100.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute

29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00339	E E150083	HNS License Sub, LLC	
Application for Authority			12/02/2015 - 12/02/2030
Grant of Authority			Date Effective: 12/02/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 521 SE 8th Avenue, Potter, Amarillo, TX
 35 ° 12 ' 16.60 " N LAT. 101 ° 49 ' 55.20 " W LONG.

ANTENNA ID: 1	8.1 meters	ASC Signal	Ka 8.1m
18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 29100.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00340	E E150084	HNS License Sub, LLC	
Application for Authority			12/02/2015 - 12/02/2030
Grant of Authority			Date Effective: 12/02/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 725 6th Street, NW, Bernalillo, Albuquerque, NM
35 ° 5 ' 32.30 " N LAT.

106 ° 39 ' 10.80 " W LONG.

ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
18300.0000 - 19300.0000 MHz		100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz		100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz		250MG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz		250MG7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 29100.0000 MHz		100KG7W	58.80 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz		250MG7D	88.30 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz		89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz		100KG7W	58.80 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz		89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz		250MG7D	88.30 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00341 E E150085 HNS License Sub, LLC

Application for Authority

12/04/2015 - 12/04/2030

Grant of Authority

Date Effective: 12/04/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1001 FORT CROOK RD N J2 Gateway application for 13.2m antenna, SARPY, BELLEVUE, NE
41 ° 10 ' 40.10 " N LAT.

95 ° 55 ' 25.70 " W LONG.

ANTENNA ID:	1	13.2 meters	GD Satcom	13.2M. KA
18300.0000 - 19100.0000 MHz		100KG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 19100.0000 MHz		250MG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz		100KG7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 29100.0000 MHz	100KG7W	62.30 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	250MG7W	91.80 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	89M8G7W	91.80 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	100KG7W	62.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	250MG7W	91.80 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	89M8G7W	91.80 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00342 E E150086 HNS License Sub, LLC

Application for Authority

12/02/2015 - 12/02/2030

Grant of Authority

Date Effective: 12/02/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 333 S. 520 W, Utah, Lindon, UT

40 ° 19 ' 57.00 " N LAT.

111 ° 43 ' 40.80 " W LONG.

ANTENNA ID: 1	5.6 meters	ASC Signal	Ka 5.6m
18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00343 E E150087 HNS License Sub, LLC

Application for Authority

12/04/2015 - 12/04/2030

Grant of Authority

Date Effective: 12/04/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2050 Martin Ave., Santa Clara, Santa Clara, CA

37 ° 21 ' 54.70 " N LAT.

121 ° 57 ' 39.60 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC Signal	Ka 5.6m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00344 E E150088 HNS License Sub, LLC

Application for Authority

12/02/2015 - 12/02/2030

Grant of Authority

Date Effective: 12/02/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 12270 World Trade Drive #100, San Diego, San Diego, CA

32 ° 59 ' 19.70 " N LAT.

117 ° 4 ' 24.60 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC Signal	Ka 5.6m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00345	E E150089	HNS License Sub, LLC	12/04/2015 - 12/04/2030
Application for Authority			Date Effective: 12/04/2015
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1 Aerojet Way J2 Gateway application for 5.6M, Clark, North Las Vegas, NV
36 ° 14 ' 11.00 " N LAT. 115 ° 7 ' 2.60 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC SIGNAL	KA 5.6M
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute

SES-LIC-20150604-00347 E E150091 HNS License Sub, LLC
 Application for Authority 12/02/2015 - 12/02/2030
 Grant of Authority Date Effective: 12/02/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 8404 El Way, Suite 1, Missoula, Missoula, MT
 46 ° 56 ' 9.90 " N LAT. 114 ° 7 ' 1.20 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC Signal	Ka 5.6m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150604-00348 E E150092 HNS License Sub, LLC
 Application for Authority 12/04/2015 - 12/04/2030
 Grant of Authority Date Effective: 12/04/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1030 Central Avenue, Yellowstone, Billings, MT
 45 ° 46 ' 6.90 " N LAT. 108 ° 32 ' 27.60 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC Signal	Ka 5.6m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-MOD-20150911-00583 E E070244 Tri State Generation & Transmission Assoc., Inc.
 Application for Modification 02/26/2008 - 02/26/2023
 Grant of Authority Date Effective: 12/03/2015

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: REMOTE 1
LOCATION: .52M VSAT Various Locations Throughout the Western, (200 UNITS)

ANTENNA ID: Remote 1	0.52 meters	MICA TECH	LDR-FA2
14000.0000 - 14500.0000 MHz	1M00G7D	25.00 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M00G7D		DIGITAL DATA

SITE ID: HUB-2
LOCATION: 3770 PURITAN WAY, UNIT K (3.8M. BACKUP SECONDARY HUB), WELD, FREDERICK, CO
 40 ° 4 ' 54.30 " N LAT. 104 ° 59 ' 7.50 " W LONG.

ANTENNA ID: Hub 2	3.8 meters	PRODELIN CORPORATION	1383
14000.0000 - 14500.0000 MHz	1M00G7D	58.20 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M00G7D		DIGITAL DATA

SITE ID: HUB-1
LOCATION: 1100 WEST 116TH STREET (3.8M. PRIMARY HUB-1), ADAMS, WESTMINSTER, CO
 39 ° 54 ' 21.90 " N LAT. 105 ° 0 ' 1.90 " W LONG.

ANTENNA ID: Hub 1 3.8 meters PRODELIN CORPORATION 1383

14000.0000 - 14500.0000 MHz 1M00G7D 58.20 dBW DIGITAL DATA

11700.0000 - 12200.0000 MHz 1M00G7D DIGITAL DATA

SITE ID: REMOTE 2
LOCATION: .26M VSAT Various Locations Throughout the Western, , (50 UNITS)

ANTENNA ID: Remote 2 0.26 meters MICA TECH LDR-FA3

14000.0000 - 14500.0000 MHz 1M00G7D 15.00 dBW DIGITAL DATA

11700.0000 - 12200.0000 MHz 1M00G7D DIGITAL DATA

SITE ID: REMOTE 3
LOCATION: 1.2M VSAT remote TX/RX antenna CONUS and its Territories, 200 UNITS

ANTENNA ID: Remote 3 1.2 meters PRODELIN 1123

14000.0000 - 14500.0000 MHz 888KG7W 47.18 dBW DIGITAL TRAFFIC, VARIOUS MODULATION, VARIOUS FEC, VARIOUS DATA RATES.

14000.0000 - 14500.0000 MHz 186KG7W 41.00 dBW DIGITAL TRAFFIC, VARIOUS MODULATION, VARIOUS FEC, VARIOUS DATA RATES.

11700.0000 - 12200.0000 MHz 888KG7W DIGITAL TRAFFIC, VARIOUS MODULATION, VARIOUS FEC, VARIOUS DATA RATES.

11700.0000 - 12200.0000 MHz 186KG7W DIGITAL TRAFFIC, VARIOUS MODULATION, VARIOUS FEC, VARIOUS DATA RATES.

Points of Communication:

- HUB-1 - PERMITTED LIST - ()
- HUB-2 - PERMITTED LIST - ()
- REMOTE 1 - PERMITTED LIST - ()
- REMOTE 2 - PERMITTED LIST - ()
- REMOTE 3 - PERMITTED LIST - ()

SES-MOD-20151016-00720 E E040025 Futaris, Inc. 03/11/2004 - 03/11/2019
Application for Modification Date Effective: 12/03/2015
Grant of Authority

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: HUB 1
LOCATION: 2539 HIGHWAY 67 NORTH P.O. BOX 348, (8.1M.), DOUGLAS, SEDALIA, CO
39 ° 22 ' 55.00 " N LAT. 105 ° 2 ' 50.00 " W LONG.

ANTENNA ID:	A1HUB	8.1 meters	VERTEX COMMUNICATIONS	8.1 KPK
	14000.0000 - 14500.0000 MHz	36M0G7W	78.30 dBW	DIGITAL DATA, VOICE, AND VIDEO
	14000.0000 - 14500.0000 MHz	34K2G7W-	55.10 dBW	DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	34K2G7W-		DIGITAL DATA, VOICE, AND VIDEO

SITE ID: HUB 2
LOCATION: 2539 HIGHWAY 67 NORTH P.O. BOX 348, (9.0M.), DOUGLAS, SEDALIA, CO
39 ° 22 ' 55.00 " N LAT. 105 ° 2 ' 50.00 " W LONG.

ANTENNA ID:	A2HUB	9 meters	VERTEX COMMUNICATIONS	9 KPK
	14000.0000 - 14500.0000 MHz	36M0G7W	78.30 dBW	DIGITAL DATA, VOICE, AND VIDEO
	14000.0000 - 14500.0000 MHz	34K2G7W-	55.30 dBW	DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	34K2G7W-		DIGITAL DATA, VOICE, AND VIDEO

SITE ID: REMOTE1
LOCATION: VSAT (4.6M.), 20 UNITS Various Locations Throughout, CONUS, US, AK, HI

ANTENNA ID:	A3REMT	4.6 meters	ANDREW CORPORATION	ESA4.6
	14000.0000 - 14500.0000 MHz	36M0G7W	67.00 dBW	DIGITAL DATA, VOICE, AND VIDEO
	14000.0000 - 14500.0000 MHz	34K2G7W-	50.30 dBW	DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	34K2G7W-		DIGITAL DATA, VOICE, AND VIDEO

SITE ID: REMOTE2
LOCATION: VSAT (3.8M.), 25 UNITS Various Locations Throughout, CONUS, US, AK, HI

ANTENNA ID:	A4REMT	3.8 meters	VERTEX/RSI	DPK
	14000.0000 - 14500.0000 MHz	36M0G7W	62.00 dBW	DIGITAL DATA, VOICE, AND VIDEO
	14000.0000 - 14500.0000 MHz	34K2G7W -	48.30 dBW	DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	34K2G7W -		DIGITAL DATA, VOICE, AND VIDEO

11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO
SITE ID: REMOTE3			
LOCATION: VSAT (2.4M.), 100 UNITS Various Locations Throughout, CONUS, US, AK, HI			
ANTENNA ID: A5REMT	2.4 meters	PRODELIN CORPORATION	1251
14000.0000 - 14500.0000 MHz	36M0G7W	58.20 dBW	DIGITAL DATA, VOICE, AND VIDEO
14000.0000 - 14500.0000 MHz	34K2G7W -	44.50 dBW	DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	34K2G7W -		DIGITAL DATA, VOICE, AND VIDEO
SITE ID: REMOTE4			
LOCATION: VSAT (1.2M.), 3000 UNITS ANDREW CORP., CONUS, US, AK, HI			
ANTENNA ID: A6REMT	1.2 meters	ANDREW CORP.	62-12356-11
14000.0000 - 14500.0000 MHz	36M0G7W	52.00 dBW	DIGITAL DATA, VOICE, AND VIDEO
14000.0000 - 14500.0000 MHz	34K2G7W-	38.30 dBW	DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	34K2G7W-		DIGITAL DATA, VOICE, AND VIDEO
SITE ID: REMOTE5			
LOCATION: VSAT (1.2M.), 3000 UNITS PRODELIN, CONUS, US, AK, HI			
ANTENNA ID: A7REMT	1.2 meters	PRODELIN	SERIES 1123
14000.0000 - 14500.0000 MHz	36M0G7W	52.00 dBW	DIGITAL DATA, VOICE, AND VIDEO
14000.0000 - 14500.0000 MHz	34K2G7W-	38.30 dBW	DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	34K2G7W-		DIGITAL DATA, VOICE, AND VIDEO
SITE ID: REMOTE6			
LOCATION: VSAT (1.8M.), 3000 UNITS ANDREW CORP., CONUS, US, AK, HI			
ANTENNA ID: A8REMT	1.8 meters	ANDREW CORP.	62-18356-01C
14000.0000 - 14500.0000 MHz	36M0G7W	56.00 dBW	DIGITAL DATA, VOICE, AND VIDEO
14000.0000 - 14500.0000 MHz	34K2G7W-	42.30 dBW	DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO

SES-STA-20151130-00881 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 12/04/2015

Class of Station:

On December 4, 2015, Intelsat License LLC was granted special temporary authority for a period of 30 days, beginning December 4, 2015, to continue to operate its fixed earth station in Hagerstown, MD, to provide telemetry, tracking, and command services to the Intelsat 16 satellite (S2750) as it drifts from the 76.2° W.L. orbital location to the 58.1° W.L. orbital location, on the following center frequencies: 13997.50 MHz and 14499.50 MHz (Earth-to-space); 12198.25 MHz and 12198.75 MHz (space-to-Earth).

Points of Communication:

SES-STA-20151201-00900 E E150129 KING BROADCASTING COMPANY

Special Temporary Authority

Grant of Authority

Date Effective: 12/03/2015

Class of Station:

On December 3, 2015, Sander Operating Co. III LLC was granted special temporary authority to include newly granted call sign E150129 as part of a transaction previously approved between Sander Holdings Co. LLC and King Broadcasting Company. See IBFS File No. SES-T/C-20151202-00902.

Points of Communication:

SES-STA-20151201-00901 E E150127 KING BROADCASTING COMPANY

Special Temporary Authority

Grant of Authority

Date Effective: 12/03/2015

Class of Station:

On December 3, 2015, Sander Operating Co. III LLC was granted special temporary authority to include newly granted call sign E150127 as part of a transaction previously approved between Sander Holdings Co. LLC and King Broadcasting Company. See IBFS File No. SES-T/C-20151202-00902.

Points of Communication:

SES-STA-20151201-00904 E E150124 Belo Kentucky, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/03/2015

Class of Station:

On December 3, 2015, Sander Operating Co. I LLC was granted special temporary authority to include new granted call sign E150124 as part of a transaction previously approved between Sander Holdings Co. LLC and Belo Kentucky, Inc. See IBFS File No. SES-T/C-20151202-00903.

Points of Communication:

SES-T/C-20150629-00428 E E880698 Sander Operating Co. III LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 12/03/2015
Current Licensee: Sander Operating Co. III LLC
FROM: SANDER OPERATING CO. II LLC
TO: KING BROADCASTING COMPANY
No. of Station(s) listed: 2

SES-T/C-20150629-00429 E E050381 Sander Operating Co. I LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 12/03/2015
Current Licensee: Sander Operating Co. I LLC
FROM: SANDER HOLDINGS CO. LLC
TO: Belo Kentucky, Inc.
No. of Station(s) listed: 2

SES-T/C-20150629-00430 E E050195 Sander Operating Co. I LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 12/03/2015
Current Licensee: Belo Kentucky Inc.
FROM: SANDER HOLDINGS CO. LLC
TO: Belo Kentucky, Inc.
No. of Station(s) listed: 1

SES-T/C-20150629-00432 E E4107 Sander Operating Co. III LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 12/03/2015
Current Licensee: KING BROADCASTING COMPANY
FROM: SANDER HOLDINGS CO. LLC
TO: KING BROADCASTING COMPANY
No. of Station(s) listed: 1

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