



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01793

Wednesday October 28, 2015

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-AMD-20150812-00519 E E150085 HNS License Sub, LLC
Amendment
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

See IBFS File No. SES-LIC-20150604-00341 for a description of this amended application.

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

Points of Communication:

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

SES-AMD-20150915-00623 E E020288 Globecomm License Sub LLC
Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20150723-00473 for a description of this amended application.

SITE ID: 1

LOCATION: 9898 BREWERS COURT, HOWARD, LAUREL, MD

39 ° 6 ' 45.50 " N LAT.

76 ° 49 ' 58.00 " W LONG.

ANTENNA ID:	GSM-6	5.6 meters	ANDREW CORP.	ES56
14000.0000 - 14500.0000 MHz	1M23G7W	68.00 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS	
14000.0000 - 14500.0000 MHz	51K2G7W	54.17 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS	
14000.0000 - 14500.0000 MHz	578KG7W	64.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA	
14000.0000 - 14500.0000 MHz	36M0G7W	82.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA	
13750.0000 - 14500.0000 MHz	36M0G7W	78.10 dBW	DIGITAL COMPRESSED VIDEO	
13750.0000 - 14000.0000 MHz	615KG2D	60.50 dBW	DIGITAL DATA	
13750.0000 - 14000.0000 MHz	578KG7D	60.20 dBW	DIGITAL DATA	
13750.0000 - 14000.0000 MHz	3M00G2D	67.40 dBW	DIGITAL DATA	
11700.0000 - 12200.0000 MHz	1M23G7W	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS		
11700.0000 - 12200.0000 MHz	51K2G7W	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS		
11450.0000 - 12200.0000 MHz	578KG7W	DIGITAL VIDEO, AUDIO, AND DATA		
11450.0000 - 12200.0000 MHz	36M0G7W	DIGITAL VIDEO, AUDIO, AND DATA		

	10950.0000 - 11200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID:	GSM-12	3.8 meters	PRODELIN CORP.	1383
	14000.0000 - 14500.0000 MHz	1M23G7W	64.10 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
	14000.0000 - 14500.0000 MHz	51K2G7W	50.27 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
	14000.0000 - 14500.0000 MHz	36M0G7W	74.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	1M23G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
	11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID:	GSM-7	7.6 meters	ANDREW CORP.	ES76K-1
	14000.0000 - 14500.0000 MHz	36M0G7W	81.73 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	14000.0000 - 14500.0000 MHz	51K2G7W	53.26 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	13780.0000 - 14000.0000 MHz	36M0G7W	81.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	13750.0000 - 14000.0000 MHz	36M0G7W	75.90 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	13750.0000 - 14000.0000 MHz	700KG7W	68.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
ANTENNA ID:	GSM-14	4.9 meters	ASC SIGNAL	4.9M.
	14000.0000 - 14500.0000 MHz	461KG7W	61.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	14000.0000 - 14500.0000 MHz	44K0G7W	51.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA

14000.0000 - 14500.0000 MHz	3M40G7W	70.40 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	30M5G7W	79.90 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	78.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID: GSM-9	2.4 meters	PRODELIN CORP.	1214
14000.0000 - 14500.0000 MHz	6M10G7W	64.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	51K2G7W	46.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M54G7W	61.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	70.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	6M10G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	1M54G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID: GSM-5	9.4 meters	ASC SIGNAL	9.4M
14000.0000 - 14500.0000 MHz	36M0G7W	86.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	500KG7W	68.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	500KG7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID: GSM-8	7.6 meters	ANDREW CORP.	ES76K-1
14000.0000 - 14500.0000 MHz	36M0G7W	81.73 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES

	14000.0000 - 14500.0000 MHz	51K2G7W	53.26 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
ANTENNA ID:	GSM-13	5.6 meters	ANDREW CORP.	ES56
	14000.0000 - 14500.0000 MHz	1M23G7W	68.00 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
	14000.0000 - 14500.0000 MHz	51K2G7W	54.17 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
	14000.0000 - 14500.0000 MHz	578KG7W	64.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	36M0G7W	82.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	13750.0000 - 14500.0000 MHz	36M0G7W	78.10 dBW	DIGITAL COMPRESSED VIDEO
	13750.0000 - 14000.0000 MHz	615KG2D	60.50 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz	578KG7D	60.20 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz	3M00G2D	67.40 dBW	DIGITAL DATA
	11700.0000 - 12200.0000 MHz	1M23G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
	11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
	11450.0000 - 12200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
	11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID:	GSM-11	3.8 meters	PATRIOT ANT. SYSTEMS	3.8M.
	14000.0000 - 14500.0000 MHz	500KG7W	60.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA

14000.0000 - 14500.0000 MHz	36M0G7W	79.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	500KG7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

Points of Communication:

- 1 - AMC 21 - (125 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - TELSTAR 11N (S2357) - (37.5 W.L.)
- 1 - Telstar 12 (S2462) - (15 W. L.)

SES-AMD-20151016-00714 E E880685 Satellite Communication Systems
Amendment

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-LIC-20150924-00634 for a description of this amended application.

SITE ID: 1
LOCATION: various, various, various

ANTENNA ID: 1	2.4 meters	Prime Satcom Technology (RSI)	240KV
14050.0000 - 14400.0000 MHz	36M0F3F	76.00 dBW	THE MAIN RF CARRIER WILL BE A WIDEBAND 36 MHZ FREQUENCY MODULATION VIDEO CARRIER WITH ASSOCIATED AUDIO AND ATIS SUBCARRIERS WITH AN EMISSION DESIGNATOR OF 36M0F3F.
14050.0000 - 14400.0000 MHz	18M0G7W	76.00 dBW	Digital compressed video, audio, and data

Points of Communication:

- 1 - PERMITTED LIST - ()

SES-ASG-20151001-00664 E E880834 KY3, Inc.

Application for Consent to Assignment

Current Licensee: KY3, Inc.

FROM: KY3 Inc.

TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20151001-00665 E E130090 KY3, Inc.
Application for Consent to Assignment
Current Licensee: KY3, Inc.
FROM: KY3 Inc.
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20151001-00666 E E140074 Northern Lights Media, Inc.
Application for Consent to Assignment
Current Licensee: Northern Lights Media, Inc.
FROM: NORTHERN LIGHTS MEDIA, INC.
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20151001-00667 E E960002 Sunflower Broadcasting, Inc.
Application for Consent to Assignment
Current Licensee: Sunflower Broadcasting, Inc.
FROM: SUNFLOWER BROADCASTING INC.
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20151001-00668 E E880398 WDBJ Television, Inc
Application for Consent to Assignment
Current Licensee: WDBJ Television, Inc
FROM: WDBJ-TELEVISION INC
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20151001-00669 E E050265 WSBT, Inc.
Application for Consent to Assignment
Current Licensee: WSBT, Inc.
FROM: WSBT, INC.
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20151001-00670 E E050071 WDBJ Television, Inc
Application for Consent to Assignment
Current Licensee: WDBJ Television, Inc
FROM: WDBJ-TELEVISION INC
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 3

SES-ASG-20151026-00779 E E970419 Gray Television Licensee, LLC
Application for Consent to Assignment
Current Licensee: Gray Television Licensee, LLC
FROM: GRAY TELEVISION LICENSEE, LLC
TO: KNOXVILLE TV LLC

No. of Station(s) listed: 1

SES-LIC-20150604-00332 E E150076 HNS License Sub, LLC
Application for Authority
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
	29250.0000 - 30000.0000 MHz	250MG7W	89.10 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	89M8G7W	89.10 dBW	M-ary PSK Outroute
	28350.0000 - 28360.0000 MHz	1M30F9D	67.30 dBW	Command and Ranging Carrier
	29250.0000 - 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

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
	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
29250.0000 - 30000.0000 MHz	250MG7W	89.10 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	89M8G7W	89.10 dBW	M-ary PSK Outroute
28350.0000 - 28360.0000 MHz	1M30F9D	67.30 dBW	Command and Ranging Carrier
29250.0000 - 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-20150604-00334 E E150078 HNS License Sub, LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3401 Technology Drive, Saint Louis, Duluth, MN

46 ° 49 ' 33.60 " N LAT.

92 ° 7 ' 49.80 " W LONG.

ANTENNA ID:	1	8.1 meters	ASC SIGNAL	KA 8.1M.
	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	250MG7D	88.30 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
	19700.0000 - 20200.0000 MHz	100KG7W		M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	250MG7W	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz	250MG7W	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz	100KG7W	M-ary PSK Inroute

Points of Communication:

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

SES-LIC-20150604-00335 E E150079 HNS License Sub, LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 455 SE Spruce St., Douglas, Roseburg, OR
43 ° 12 ' 40.30 " N LAT.

123 ° 20 ' 49.50 " 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	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
	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	250MG7D	88.30 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	89M8G7W	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

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

HNS License Sub, LLC amended this application to correct the earth station site location latitude and longitude. See IBFS File No. SES-AMD-20150812-00519.

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-20150604-00343 E E150087 HNS License Sub, LLC

Application for Authority

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-20150604-00345 E E150089 HNS License Sub, LLC

Application for 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	
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-20150604-00348 E E150092 HNS License Sub, LLC

Application for Authority

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-LIC-20150831-00554 E E150113 KLFY, L.P.

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: KLFY - Earth Station ENG/DSNG Truck, Transportable

ANTENNA ID:	1	1.2 meters	AVL Technologies	1210K
	14000.0000 - 14500.0000 MHz	36M0G7W	64.07 dBW	ONE 36 Mbit MCPC digital carrier for voice/data

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20150924-00634 E E150133 Satellite Communication Systems

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Satellite Communication Systems requests authority to operate a temporary-fixed earth station and communicate with Permitted List satellites in the 14050-14400 MHz (Earth-to-space) frequency band. See IBFS File No. SES-AMD-20151016-00714.

SITE ID: 1

LOCATION: various, various, various

ANTENNA ID:	1	2.4 meters	Prime Satcom Technology (RSI)	240KV
	14050.0000 - 14400.0000 MHz	18M0G7W	76.00 dBW	Digital compressed video, audio, and data
	14050.0000 - 14400.0000 MHz	36M0F3F	76.00 dBW	THE MAIN RF CARRIER WILL BE A WIDEBAND 36 MHZ FREQUENCY MODULATION VIDEO CARRIER WITH ASSOCIATED AUDIO AND ATIS SUBCARRIERS WITH AN EMISSION DESIGNATOR OF 36M0F3F.

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150723-00473 E E020288 Globecom License Sub LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Globecom License Sub LLC requests modification of its fixed earth station in Laurel, MD, to rename many of the antenna ID's on the current authorization, to add a new earth station antenna, Antenna ID GSM-11, and to increase the transmit power for operations with the Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands. See IBFS File No. SES-AMD-20150915-00623.

SITE ID: 1

LOCATION: 9898 BREWERS COURT, HOWARD, LAUREL, MD
39 ° 6 ' 45.50 " N LAT. 76 ° 49 ' 58.00 " W LONG.

ANTENNA ID:	GSM-6	5.6 meters	ANDREW CORP.	ES56
	14000.0000 - 14500.0000 MHz	1M23G7W	68.00 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
	14000.0000 - 14500.0000 MHz	51K2G7W	54.17 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
	14000.0000 - 14500.0000 MHz	578KG7W	64.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA

14000.0000 - 14500.0000 MHz	36M0G7W	82.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14500.0000 MHz	36M0G7W	78.10 dBW	DIGITAL COMPRESSED VIDEO
13750.0000 - 14000.0000 MHz	615KG2D	60.50 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	578KG7D	60.20 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	3M00G2D	67.40 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M23G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
11450.0000 - 12200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: GSM-12	3.8 meters	PRODELIN CORP.	1383
14000.0000 - 14500.0000 MHz	1M23G7W	64.10 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
14000.0000 - 14500.0000 MHz	51K2G7W	50.27 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
11700.0000 - 12200.0000 MHz	1M23G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
14000.0000 - 14500.0000 MHz	36M0G7W	74.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: GSM-7	7.6 meters	ANDREW CORP.	ES76K-1
14000.0000 - 14500.0000 MHz	36M0G7W	81.73 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES

14000.0000 - 14500.0000 MHz	51K2G7W	53.26 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
13750.0000 - 14000.0000 MHz	36M0G7W	75.90 dBW	DIGITAL AUDIO, VIDEO, AND DATA
13750.0000 - 14000.0000 MHz	700KG7W	68.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
13780.0000 - 14000.0000 MHz	36M0G7W	81.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID: GSM-14	4.9 meters	ASC SIGNAL	4.9M.
14000.0000 - 14500.0000 MHz	461KG7W	61.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	51.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7W	70.40 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	30M5G7W	79.90 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	78.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID: GSM-9	2.4 meters	PRODELIN CORP.	1214
14000.0000 - 14500.0000 MHz	6M10G7W	64.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	51K2G7W	46.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M54G7W	61.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	6M10G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	1M54G7W		DIGITAL AUDIO, VIDEO, AND DATA

	14000.0000 - 14500.0000 MHz	36M0G7W	70.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID:	GSM-5	9.4 meters	ASC SIGNAL	9.4M
	14000.0000 - 14500.0000 MHz	36M0G7W	86.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	14000.0000 - 14500.0000 MHz	500KG7W	68.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz	500KG7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID:	GSM-8	7.6 meters	ANDREW CORP.	ES76K-1
	14000.0000 - 14500.0000 MHz	36M0G7W	81.73 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	14000.0000 - 14500.0000 MHz	51K2G7W	53.26 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
ANTENNA ID:	GSM-13	5.6 meters	ANDREW CORP.	ES56
	14000.0000 - 14500.0000 MHz	1M23G7W	68.00 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
	14000.0000 - 14500.0000 MHz	51K2G7W	54.17 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
	14000.0000 - 14500.0000 MHz	578KG7W	64.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	36M0G7W	82.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	13750.0000 - 14500.0000 MHz	36M0G7W	78.10 dBW	DIGITAL COMPRESSED VIDEO
	13750.0000 - 14000.0000 MHz	615KG2D	60.50 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz	578KG7D	60.20 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz	3M00G2D	67.40 dBW	DIGITAL DATA

6125.0000 - 6425.0000 MHz	36M0F8W	84.70 dBW	
6085.0000 - 6125.0000 MHz	36M0F8W	88.90 dBW	
5925.0000 - 6425.0000 MHz	17M6F7W	78.50 dBW	
5925.0000 - 6425.0000 MHz	215KF8W	71.20 dBW	
5925.0000 - 6425.0000 MHz	1M00F8W	80.40 dBW	FM, TT&C
5925.0000 - 6425.0000 MHz	215KG7W	71.50 dBW	PSK, VARIOUS DATA AND DIGITAL AUDIO
5925.0000 - 6425.0000 MHz	36M0G7W	83.70 dBW	PSK; DATA, MCPC DIGITAL VIDEO AND AUDIO
5925.0000 - 6085.0000 MHz	36M0F8W	84.70 dBW	
3700.0000 - 4200.0000 MHz	36M0F8W		
3700.0000 - 4200.0000 MHz	17M6F7W		
3700.0000 - 4200.0000 MHz	1M00F8W		TELEMETRY
3700.0000 - 4200.0000 MHz	215KG7W		PSK, VARIOUS DATA AND DIGITAL AUDIO
3700.0000 - 4200.0000 MHz	36M0G7W		PSK; DATA, MCPC DIGITAL VIDEO AND AUDIO
ANTENNA ID: 2	13.1 meters	VERTEX	13 KPC
6085.0000 - 6125.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
6085.0000 - 6125.0000 MHz	215KG7D	71.40 dBW	DIGITAL DATA CARRIER
6085.0000 - 6125.0000 MHz	3M00G7W	82.80 dBW	DIGITAL DATA CARRIER
6085.0000 - 6125.0000 MHz	17M6F7W	89.30 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6425.0000 MHz	17M6F7W	89.30 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	3M00G7W	82.80 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	215KG7D	71.40 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6085.0000 MHz	17M6F7W	89.30 dBW	DIGITAL DATA CARRIER

5925.0000 - 6085.0000 MHz	215KG7D	71.40 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	3M00G7W	82.80 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	36M0F8W		VIDEO CARRIER
3700.0000 - 4200.0000 MHz	215KG7D		DIGITAL DATA CARRIER
6427.0000 - 6643.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
6427.0000 - 6643.0000 MHz	215KG7D	71.40 dBW	DIGITAL DATA CARRIER
ANTENNA ID: 3	11 meters	SCIENTIFIC-ATLANTA	8007
6125.0000 - 6425.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
6125.0000 - 6425.0000 MHz	17M6F7W	88.70 dBW	DIGITAL DATA CARRIER
6125.0000 - 6425.0000 MHz	215KG7D	69.60 dBW	DIGITAL DATA CARRIER
6125.0000 - 6425.0000 MHz	3M00G7W	81.00 dBW	DIGITAL DATA CARRIER
6085.0000 - 6125.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
6085.0000 - 6125.0000 MHz	215KG7D	69.60 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6425.0000 MHz	17M6F7W	88.70 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	215KG7D	81.00 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	3M00G7W	81.90 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6085.0000 MHz	17M6F7W	88.70 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	215KG7D	69.60 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	3M00G7W	81.00 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	215KG7D		DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	36M0F8W		VIDEO CARRIER
ANTENNA ID: 4	12 meters	ANDREW	ESA12-46
6423.5000 - 6423.5000 MHz	3M00F3W	87.80 dBW	
6125.0000 - 6425.0000 MHz	36M0F8W	84.70 dBW	

6085.0000 - 6125.0000 MHz	36M0F8W	88.90 dBW	
5925.0000 - 6425.0000 MHz	17M6F7W	78.50 dBW	
5925.0000 - 6425.0000 MHz	215KF8W	71.20 dBW	
5925.0000 - 6085.0000 MHz	36M0F8W	84.70 dBW	
3700.0000 - 4200.0000 MHz	36M0F8W		
3700.0000 - 4200.0000 MHz	17M6F7W		
ANTENNA ID: 5	11 meters	RSI SATCOM	1100C
6125.0000 - 6425.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
6125.0000 - 6425.0000 MHz	17M6F7W	89.10 dBW	DIGITAL DATA CARRIER
6125.0000 - 6425.0000 MHz	215KG7D	70.00 dBW	DIGITAL DATA CARRIER
6125.0000 - 6425.0000 MHz	3M00G7W	81.40 dBW	DIGITAL DATA CARRIER
6085.0000 - 6125.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
6085.0000 - 6125.0000 MHz	215KG7D	70.00 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	36M0F8W	84.04 dBW	VIDEO CARRIER
5925.0000 - 6425.0000 MHz	17M6F7W	80.90 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	215KG7D	61.80 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	3M00G7W	73.20 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	36M0F8W	89.30 dBW	VIDEO CARRIER
5925.0000 - 6085.0000 MHz	17M6F7W	89.10 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	215KG7D	70.00 dBW	DIGITAL DATA CARRIER
5925.0000 - 6085.0000 MHz	3M00G7W	81.40 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	36M0F8W		VIDEO CARRIER
3700.0000 - 4200.0000 MHz	125KF8W		DIGITAL DATA CARRIER
ANTENNA ID: 6	13 meters	HARRIS	5270
6423.5000 - 6423.5000 MHz	3M00F3W	87.80 dBW	
6125.0000 - 6425.0000 MHz	36M0F8W	84.70 dBW	

6085.0000 - 6125.0000 MHz	36M0F8W	88.90 dBW	
5925.0000 - 6425.0000 MHz	17M6F7W	78.50 dBW	
5925.0000 - 6425.0000 MHz	215KF8W	71.20 dBW	
5925.0000 - 6425.0000 MHz	1M00F8W	79.90 dBW	FM, TT&C COMMAND
5925.0000 - 6425.0000 MHz	215KG7W	71.00 dBW	PSK; DIGITAL DATA AND AUDIO
5925.0000 - 6425.0000 MHz	36M0G7W	83.20 dBW	PSK; DATA, MCPC DIGITAL VIDEO AND AUDIO
5925.0000 - 6085.0000 MHz	36M0F8W	84.70 dBW	
3700.0000 - 4200.0000 MHz	36M0F8W		
3700.0000 - 4200.0000 MHz	17M6F7W		
3700.0000 - 4200.0000 MHz	1M00F8W		TELEMETRY
3700.0000 - 4200.0000 MHz	215KG7W		PSK; DIGITAL DATA AND AUDIO
3700.0000 - 4200.0000 MHz	36M0G7W		PSK; DATA, MCPC DIGITAL VIDEO AND AUDIO

Points of Communication:

1 - INTELSAT 25 (S2804) - (31.5 W.L.)

1 - PERMITTED LIST - ()

SES-MOD-20150911-00584 E E120075 ViaSat, Inc.

Application for Modification

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

ViaSat, Inc. requests modification of its aircraft earth terminal authorization to add Antenna ID AERO-2 to operate up to 4000 Mantarray model M32 aircraft earth stations (AES) with the following space stations and frequency bands: (1) ViaSat-1 (Call Sign: S2747) at 115.1° W.L. in the 28.35-29.1 GHz and 29.5-30.0 GHz (Earth-to-space) and 18.3-19.3 GHz and 19.7-20.2 GHz (space-to-Earth) frequency bands; (2) WildBlue-1 (Call Sign S2355) at 111.1° W.L. and ANIK F2 (Call Sign: S2472) at 111.1° W.L. in the 29.5-30.0 GHz (Earth-to-space) and in the 19.7-20.2 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 4000 terminals (Network Ops Cen. Tel. (720) 554-7575), Arapahoe, Greenwood Village, CO

ANTENNA ID: 1 0.1217 meters ViaSat, Inc. RA40750

29500.0000 - 30000.0000 MHz 20M0G7D 43.50 dBW 20 MBd PSK, Digital Carrier

29500.0000 - 30000.0000 MHz 625KG7D 42.40 dBW 625 kBd PSK, Digital Carrier

29500.0000 - 30000.0000 MHz	1M25G7D	43.50 dBW	1250 kBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	2M50G7D	43.50 dBW	2.5 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	5M00G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	10M0G7D	43.50 dBW	10 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	20M0G7D	43.50 dBW	20 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	10M0G7D	43.50 dBW	10.0 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	5M00G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	2M50G7D	43.50 dBW	2.5 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	1M25G7D	43.50 dBW	1250 kBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	625KG7D	42.40 dBW	625 kBd PSK, Digital Carrier (Used under faded conditions only)
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBd PSK, Digital Carrier
19700.0000 - 20200.0000 MHz	416MG7D		416 MBd PSK, Digital Carrier
18300.0000 - 19300.0000 MHz	416MG7D		416 MBd PSK, Digital Carrier
18300.0000 - 19300.0000 MHz	52M1G7D		52 MBd PSK, Digital Carrier

SITE ID: ESOMP-2

LOCATION: 4000 terminals (Network Ops Cen. Tel. (720) 554-7575), Greenwood Village, CO

ANTENNA ID:	AERO-2	0.355 meters	VIASAT, INC.	M-32
29500.0000 - 30000.0000 MHz	5M00G7D	46.00 dBW	5 MBD PSK DIGITAL CARRIER	
28350.0000 - 29100.0000 MHz	10M0G7D	46.00 dBW	10 MBD PSK DIGITAL CARRIER	
28350.0000 - 29100.0000 MHz	20M0G7D	46.00 dBW	20 MBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	10M0G7D	46.00 dBW	10 MBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	20M0G7D	46.00 dBW	20 MBD PSK DIGITAL CARRIER	
28350.0000 - 29100.0000 MHz	2M50G7D	46.00 dBW	2.5 MBD PSK DIGITAL CARRIER	
28350.0000 - 29100.0000 MHz	625KG7D	42.40 dBW	625 KBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	2M50G7D	46.00 dBW	2.5 MBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	625KG7D	42.40 dBW	625 KBD PSK DIGITAL CARRIER	

28350.0000 - 29100.0000 MHz	1M25G7D	45.40 dBW	1250 KBD PSK DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	1M25G7D	45.40 dBW	1250 KBD PSK DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	5M00G7D	46.00 dBW	5 MBD PSK DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	416MG7D		416 MBD PSK DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	416MG7D		416 MBD PSK DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	52M1G7D		52.1 MBD PSK DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	52M1G7D		52.1 MBD PSK DIGITAL CARRIER

Points of Communication:

1 - ANIK-F2 (S2742) - (111.1 W.L.)

1 - VIASAT-1 (S2747) - (115.1W.L.)

1 - WILDBLUE 1(S2355) - (111.1 W.L.)

ESOMP-2 - ANIK E2 - (111.1 W.L.)

ESOMP-2 - VIASAT-1 (S2747) - (115.1W.L.)

ESOMP-2 - WILDBLUE 1(S2355) - (111.1 W.L.)

SES-MOD-20151001-00651 E KA312 Airbus DS SatCom Government, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

AirBus DS SatCom Government, Inc. requests modification of its fixed earth station in Southbury, CT, to remove Antenna ID 1.52M and 11M, and to correct the latitude and longitude for Site ID SBY20.

SITE ID: SBY20

LOCATION: 2120 RIVER ROAD (new C-band Hub Antenna), NEW HAVEN, SOUTHURY, CT

41 ° 27 ' 4.52 " N LAT.

73 ° 17 ' 0.24 " W LONG.

ANTENNA ID:	SBY20	13.1 meters	GD SATCOM	13.1 METER
	6679.4200 - 6701.4200 MHz	22M0G7W	83.00 dBW	IOT C5 DIGITAL DATA FEEDER LINK SYSTEM TESTING FAA-WAAS
	6679.4200 - 6701.4200 MHz	22M0G7W	78.00 dBW	OPERATIONAL C5 DIGITAL DATA FEEDER FAA-WAAS
	6628.2700 - 6650.2700 MHz	22M0G7W	83.00 dBW	IOT C1 DIGITAL DATA FEEDER LINK SYSTEM TESTING FAA-WAAS
	6628.2700 - 6650.2700 MHz	22M0G7W	78.00 dBW	OPERATIONAL C1 DIGITAL DATA FEEDER FAA-WAAS

4199.6000 - 4200.0000 MHz	0M4KG7W	BEACON-2 PCM
4198.0000 - 4198.4000 MHz	0M4KG7W	BEACON-1 PCM
1564.4200 - 1586.4200 MHz	22M0G7W	IOT-DIGITAL DATA SYSTEM TESTING FAA-WAAS
1564.4200 - 1586.4200 MHz	22M0G7W	OPERATIONAL C1 DIGITAL DATA FAA-WAAS
1165.4500 - 1187.4500 MHz	22M0G7W	IOT-DIGITAL DATA SYSTEM TESTING FAA-WAAS
1165.4500 - 1187.4500 MHz	22M0G7W	OPERATIONAL C5 DIGITAL DATA FAA-WAAS

Points of Communication:

SBY20 - SATMEX-9 (S2926) - (117 W.L.)

SES-MOD-20151016-00720 E E040025 Futaris, Inc.

Application for Modification

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

Futaris, Inc. requests modification of its VSAT Network to add an 11-meter hub antenna, Antenna ID "A3HUB," in Sedalia, CO to operate with the Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

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	
11700.0000 - 12200.0000 MHz	34K2G7W-	DIGITAL DATA, VOICE, AND VIDEO	

SITE ID: REMOTE7
LOCATION: VSAT (1.8M.), 3000 UNITS PRODELIN, CONUS, US, AK, HI

ANTENNA ID: A9REMT	1.8 meters	PRODELIN	SERIES 1184
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	
11700.0000 - 12200.0000 MHz	34K2G7W-	DIGITAL DATA, VOICE, AND VIDEO	

SITE ID: HUB 3
LOCATION: 2539 HIGHWAY 67 NORTH (11 meter Hub), DOUGLAS, SEDALIA, CO
39 ° 22 ' 55.00 " N LAT. 105 ° 2 ' 50.00 " W LONG.

ANTENNA ID: A3HUB	11 meters	NES	11 METER
14000.0000 - 14500.0000 MHz	36M0G7W	87.54 dBW	DIGITAL DATA, VOICE, AND VIDEO

14000.0000 - 14500.0000 MHz	34K2G7W	57.31 dBW	DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	34K2G7W		DIGITAL DATA CARRIER

Points of Communication:

HUB 1 - PERMITTED LIST - ()

HUB 2 - PERMITTED LIST - ()

HUB 3 - PERMITTED LIST - ()

REMOTE1 - PERMITTED LIST - ()

REMOTE2 - PERMITTED LIST - ()

REMOTE3 - PERMITTED LIST - ()

REMOTE4 - PERMITTED LIST - ()

REMOTE5 - PERMITTED LIST - ()

REMOTE6 - PERMITTED LIST - ()

REMOTE7 - PERMITTED LIST - ()

SES-MOD-20151019-00713 E E4150 Alascom, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Alascom, Inc. requests modification of its fixed earth station in Chignik, AK to add and change emission designators and related services for operations with the Permitted List satellites in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: NSN, ANCHORAGE, CHIGNIK, AK
56 ° 18 ' 6.30 " N LAT.

158 ° 24 ' 46.30 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW CORPORATION	ESA5-46A
5925.0000 - 6425.0000 MHz	15M0G7W	60.80 dBW	VARIOUS PSK & QAM - VOICE AND DATA
5925.0000 - 6425.0000 MHz	29K0G7W	52.70 dBW	VARIOUS PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	15M0G7W	0.00 dBW	VARIOUS PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	29K0G7W	0.00 dBW	VARIOUS PSK & QAM - VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

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