PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01471 **Wednesday August 1, 2012**

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-LIC-20120427-00404 E E120075 ViaSat, Inc.
Application for Authority
Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION:

ANTENNA ID: 1 0.1217 meters ViaSat, Inc. RA40750

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

29500.0000 - 30000.0000 MHz	5M00G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	2M50G7D	43.50 dBW	2.5 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	1M25G7D	43.50 dBW	1250 kBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	625KG7D	42.40 dBW	625 kBd PSK, Digital Carrier
19700.0000 - 20200.0000 MHz	416MG7D		416 MBd PSK, Digital Carrier
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	20M0G7D	43.50 dBW	20 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	20M0G7D	43.50 dBW	20 MBd PSK, Digital Carrier

Points of Communication:

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

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

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

SES-LIC-20120730-00702 E E120146 LOUISIANA EDUCATIONAL TELEVISION AUTHORITY **EZ**
Application for Authority
Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: (SNG truck), VARIOUS

ANTENNA ID: SNG truck 2.3 meters ANDREW ESA23VM-124

14000.0000 - 14500.0000 MHz	30M0G7W	68.30 dBW	full-transponder digital video
14000.0000 - 14500.0000 MHz	11M5G7W	68.30 dBW	half-transponder digital video
14000.0000 - 14500.0000 MHz	30M0F8W	68.30 dBW	full-transponder analog video
14000.0000 - 14500.0000 MHz	15M0F8W	68.30 dBW	half-transponder analog video
11700.0000 - 12200.0000 MHz	30M0G7W		full-transponder digital video
11700.0000 - 12200.0000 MHz	11M5G7W		half-transponder digital video
11700.0000 - 12200.0000 MHz	30M0F8W		full-transponder analog video
11700.0000 - 12200.0000 MHz	15M0F8W		half-transponder analog video

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20120525-00476 E E110104 SES Americom, Inc.
Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service

Application to modify Call Sign E110104 license to add the NSS-7 space station to operate at the 20 ° W.L. orbital location as a point of communication in the 13.75-14.5 GHz (Earth-to-space) and 10.95-12.2 GHz (space-to-Earth) frequency bands. SES Americom seeks waivers of footnote NG104 to the Table of Allocations, 47 C.F.R. §2.106, in connection with this request.

SITE ID: 1
LOCATION: 8000 Gainsford Ct, Prince William, Bristow, VA
38 ° 47 ' 0.60 " N LAT. 77 ° 34 ' 25.40 " W LONG.

ANTENNA ID: 1 11.3 meters Viasat 8016A

13750.0000 - 13770.0000 MHz	500KG7W	69.77 dBW	Digital Data
13750.0000 - 13770.0000 MHz	500KD7W	69.77 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00G7W	72.78 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00D7W	72.78 dBW	Digital Data
13770.0000 - 13780.0000 MHz	4M00G7W	69.23 dBW	Digital Data
13770.0000 - 13780.0000 MHz	4M00D7W	69.23 dBW	Digital Data
13770.0000 - 13780.0000 MHz	10M0G7W	73.21 dBW	Digital Data
13770.0000 - 13780.0000 MHz	10M0D7W	73.21 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	72.78 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00D7W	72.78 dBW	Digital Data
13780.0000 - 14000.0000 MHz	36M0G7W	84.99 dBW	Digital Data
13780.0000 - 14000.0000 MHz	36M0D7W	84.99 dBW	Digital Data
13780.0000 - 14000.0000 MHz	77M0G7W	84.99 dBW	Digital Data
13780.0000 - 14000.0000 MHz	77M0D7W	84.99 dBW	Digital Data
13750.0000 - 14000.0000 MHz	36M0G7W	78.77 dBW	Digital Data
13750.0000 - 14000.0000 MHz	36M0D7W	78.77 dBW	Digital Data
13750.0000 - 14000.0000 MHz	77M0G7W	82.07 dBW	Digital Data
13750.0000 - 14000.0000 MHz	77M0D7W	82.07 dBW	Digital Data

14000.0000 - 14500.0000 MHz	500KG7W	69.77 dBW	Digital Data
14000.0000 - 14500.0000 MHz	500KD7W	69.77 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	72.78 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00D7W	72.78 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	88.34 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0D7W	88.34 dBW	Digital Data
14000.0000 - 14500.0000 MHz	77M0G7W	89.79 dBW	Digital Data
14000.0000 - 14500.0000 MHz	77M0D7W	89.79 dBW	Digital Data
14000.0000 - 14005.0000 MHz	1M00F8D	78.78 dBW	Analog TT&C
14495.0000 - 14500.0000 MHz	1M00F8D	78.78 dBW	Analog TT&C
10950.0000 - 11200.0000 MHz	500KG7W		Digital Data
10950.0000 - 11200.0000 MHz	500KD7W		Digital Data
10950.0000 - 11200.0000 MHz	77M0G7W		Digital Data
10950.0000 - 11200.0000 MHz	77M0D7W		Digital Data
11450.0000 - 11700.0000 MHz	500KG7W		Digital Data
11450.0000 - 11700.0000 MHz	500KD7W		Digital Data
11450.0000 - 11700.0000 MHz	77M0G7W		Digital Data
11450.0000 - 11700.0000 MHz	77M0D7W		Digital Data
11700.0000 - 12200.0000 MHz	500KG7W		Digital Data
11700.0000 - 12200.0000 MHz	500KD7W		Digital Data
11700.0000 - 12200.0000 MHz	77M0G7W		Digital Data
11700.0000 - 12200.0000 MHz	77M0D7W		Digital Data
11700.0000 - 12200.0000 MHz	1M00F8D		Analog TT&C
11450.0000 - 11700.0000 MHz	1M00F8D		Analog TT&C
10950.0000 - 11200.0000 MHz	1M00F8D		Analog TT&C

Points of Communication:

1 - ALSAT - (ALSAT)

1 - NSS-7 (S2854) - (20 W.L.)

1 - SES-4 (S2828) - (22 W.L.)

SES-MOD-20120626-00615 E E010332 MTN License Corp.
Application for Modification
Class of Station: Other

Nature of Service: Fixed Satellite Service

Application to modify Call Sign E010332 license to add Site IDs "ESV Remote 5" and "ESV Remote 6" to communicate with satellites on the Permitted List in the 14.0-14.5 GHz (Earth-to-space) and 11.75-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: VSAT Remote
LOCATION: 2.4 meter (20 Units), U.S. and Possessions

ANTENNA ID: MTN-24KLR 2.4 meters Andrew Corp 62-24356-01C

14000.0000 - 14500.0000 MHz 350KG7W 44.55 dBW QPSK; IBS; IP VOICE AND DATA

11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote-4
LOCATION: 1.0 meter (100 Units)

ANTENNA ID: ESV-106K 1 meters SeaTel, Inc. 4006

14000.0000 - 14500.0000 MHz 350KG7W 41.46 dBW QPSK; IBS; IP VOICE AND DATA

11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 3
LOCATION: 2.4 meter (40 Units)

ANTENNA ID: ESV-24K 2.4 meters SeaTel, Inc. 9797T

14000.0000 - 14500.0000 MHz 350KG7W 41.46 dBW QPSK; IBS; IP VOICE AND DATA

11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 2
LOCATION: 1.0 meter (100 Units)

ANTENNA ID: ESV-10K 1 meters SeaTel, Inc. 4003

14000.0000 - 14500.0000 MHz 350KG7W 41.46 dBW QPSK; IBS; IP VOICE AND DATA

11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 1
LOCATION: 1.2 meter (40 Units)

ANTENNA ID: ESV-12K 1.2 meters SeaTel, Inc. 4996T

14000.0000 - 14500.0000 MHz 350KG7W 41.46 dBW QPSK; IBS; IP VOICE AND DATA

11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: HUB (2.4 meter)
LOCATION: 3044 N. Commerce Parkway, Broward, Miramar, FL
25 ° 58 ' 54.60 " N LAT. 80 ° 16 ' 59.50 " W LONG.

ANTENNA ID: MTN-24K-H 2.4 meters Andrew Corp 62-24356-01C

14000.0000 - 14500.0000 MHz 2M50G7W 59.58 dBW QPSK; IBS; IP VOICE AND DATA

11700.0000 - 12200.0000 MHz 2M50G7W QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV REMOTE 5
LOCATION: 100 UNITS

ANTENNA ID: MTN110V 1.05 meters INTELLIAN V110

14000.0000 - 14500.0000 MHz 910KG7W 47.83 dBW QPSK

11700.0000 - 12200.0000 MHz 910KG7W NULL

SITE ID: ESV REMOTE 6
LOCATION: 100 UNITS

ANTENNA ID: MTN1TESV 1.03 meters THRANE & THRANE SAILOR 900

14000.0000 - 14500.0000 MHz 910KG7W 48.93 dBW QPSK

11700.0000 - 12200.0000 MHz 910KG7W NULL

Points of Communication:

ESV Remote 1 - PERMITTED LIST - ()

ESV Remote 2 - PERMITTED LIST - ()

ESV Remote 3 - PERMITTED LIST - ()

ESV REMOTE 5 - ALSAT - (ALSAT)

ESV REMOTE 6 - ALSAT - (ALSAT)

ESV Remote-4 - PERMITTED LIST - ()

HUB (2.4 meter) - PERMITTED LIST - ()

VSAT Remote - PERMITTED LIST - ()

SES-MOD-20120710-00639 E E980375 GEOEYE LICENSE CORP.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

Application to modify Call Sign E010332 earth station license at Dulles, VA, to add the GeoEye-2 spacecraft as a point of communication, to operate in the 8190-8394.0295 MHz frequency bands, and add new emission designators.

SITE ID: STATION 2

LOCATION: 21700 ATLANTIC BLVD., LOUDOUN, DULLES, VA

39 ° 0 ' 56.00 " N LAT. 77 ° 25 ' 42.00 " W LONG.

ANTENNA ID: UHF-2 M2 ENTERPRISES 400 CP30M

402.7200 - 402.7200 MHz	60K0F1D	34.26 dBW	FSK Command & Control Communications via Orbview 3
401.5000 - 401.5000 MHz	60K0F1D	0.00 dBW	Telemetry via Orbview 3

ANTENNA ID: S-BAND-2 5.5 meters SCIENTIFIC ATLANTA V8x-Y PEDESTAL

2092.6000 - 2092.6000 MHz	128KG1D	55.00 dBW	PSK, NRZ-S, LINEAR PM, 1 RADIAN Command & Control via Orbview 3
2092.6000 - 2092.6000 MHz	NON	55.00 dBW	an unmodulated signal, transmit for less than one second on each pass of sateliite (2 - 4 per day) via Orbview 3
2092.6000 - 2092.6000 MHz	128KG1D	53.00 dBW	BPSK, Command via Orbview 5
2092.5360 - 2092.6640 MHz	128KG1D	53.00 dBW	BPSK, COMMAND
2051.9680 - 2052.0320 MHz	64K7G1D	46.80 dBW	BPSK, COMMAND

ANTENNA ID: 8 GHz-2 5.4 meters SCIENTIFIC ATLANTA V8x-Y PEDESTAL

8394.0000 - 8394.0000 MHz	59K7G1D	0.00 dBW	OQPSK, Telemetry via Orbview 5
8210.0000 - 8210.0000 MHz	150MG1D	0.00 dBW	OQPSK, Data Link operates at 370 Mbps or Mbps via Orbview 5
8210.0000 - 8210.0000 MHz	370MG1D	0.00 dBW	OQPSK, Data via Orbview 5
8190.0000 - 8190.0000 MHz	36K0G1D		Image data & telemetry via Orbview 3
8190.0000 - 8190.0000 MHz	150MG1D		Image data & telemetry via Orbview 3
8393.9705 - 8394.0295 MHz	59K7G1D		OQPSK, TELEMETRY
8385.9400 - 8386.0600 MHz	120KG1D		QPSK, TELEMETRY
8135.0000 - 8285.0000 MHz	150MG1D		OQPSK, DATA

8025.0000 - 8395.0000 MHz	370MG1D	OQPSK, DATA
8025.0000 - 8400.0000 MHz	375MG1D	QPSK, DATA

Points of Communication:

STATION 2 - GeoEye 1 - (684 KM)

STATION 2 - OrbView 3 - (470 KM)

SES-MOD-20120710-00640 E E980376 GEOEYE LICENSE CORP.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

Application to modify Call Sign E980376 earth station license at Point Barrow, AK, to add the GeoEye-2 spacecraft as a point of communication, to operate in the 8190-8394.0295 MHz frequency bands, and add new emission designators.

SITE ID: STATION 1

LOCATION: NORTH SLOPE, BARROW, AK

71 ° 16 ' 16.00 " N LAT. 156 ° 45 ' 59.00 " W LONG.

ANTENNA ID: UHF-1 M2 ENTERPRISES 400 CP30M

402.7200 - 402.7200 MHz	60K0F1D	34.26 dBW	FSK Command & Control communications view Orbview 3
401.5000 - 401.5000 MHz	60K0F1D	0.00 dBW	Telemetry via Orbview 3

ANTENNA ID: S-BAND-2 5.4 meters SCIENTIFIC ATLANTA V8x-Y PEDESTAL

2092.6000 - 2092.6000 MHz	128KG1D	55.00 dBW	PSK, NRZ-S, LINEAR PM, 1 RADIAN Command & Control Communications via Orbview 3
2092.6000 - 2092.6000 MHz	NON	55.00 dBW	an unmodulated signal, transmit for less than one second on each pass of sateliite (10 - 12 per day) via Orbview 3
2092.6000 - 2092.6000 MHz	128KG1D	53.00 dBW	BPSK, Command via Orbview 5
2092.5360 - 2092.6640 MHz	128KG1D	53.00 dBW	BPSK, COMMAND
2051.9680 - 2052.0320 MHz	64K7G1D	46.80 dBW	BPSK, COMMAND

ANTENNA ID: 8 GHz-2 5.4 meters SCIENTIFIC ATLANTA V8x-Y PEDESTAL

8394.0000 - 8394.0000 MHz	59K7G1D	0.00 dBW	OQPSK, Telemetry via Orbview 5
8210.0000 - 8210.0000 MHz	150MG1D	0.00 dBW	OQPSK, Data Link operates at 370 Mbps or 150 Mbps via Orbview 5
8210.0000 - 8210.0000 MHz	370MG1D	0.00 dBW	OQPSK, Data via Orbview 5

8190.0000 - 8190.0000 MHz	36K0G1D	Image data & telemetry via Orbview 3
8190.0000 - 8190.0000 MHz	150MG1D	Image data & telemetry via Orbview 3
8393.9705 - 8394.0295 MHz	59K7G1D	OQPSK, TELEMETRY
8385.9400 - 8386.0600 MHz	120KG1D	QPSK, TELEMETRY
8135.0000 - 8285.0000 MHz	150MG1D	OQPSK, DATA
8025.0000 - 8395.0000 MHz	370MG1D	OQPSK, DATA
8025.0000 - 8400.0000 MHz	375MG1D	QPSK, DATA

Points of Communication:

STATION 1 - GeoEye 1 - (684 KM)

STATION 1 - OrbView 3 - (470 KM)

SES-MOD-20120720-00682 E E050083 Interstate Communications, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Application to modify E050083's authority, without waivers, to communicate with ALSAT points of communication in the 5925-6378 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands . See application's schedule B and attachments for additional information.

SITE ID: 1

LOCATION: 10500 Coursey Boulevard, East Baton Rouge, Baton Rouge, LA

30 ° 24 ' 56.00 " N LAT. 91 ° 3 ' 50.80 " W LONG.

ANTENNA ID: 1 3.8 meters Vertex 3.8 DPC Offset

6313.0000 - 6319.0000 MHz	400KG7W	52.20 dBW	Digital Audio, Data, & Telemetry
6139.0000 - 6171.0000 MHz	400KG7W	52.20 dBW	Digital Audio, Data, & Telemetry
3700.0000 - 4200.0000 MHz	400KG7W		Digital Audio, Data, & Telemetry
5925.0000 - 5948.0000 MHz	400KG7W	52.20 dBW	DIGITAL DATA CARRIER
6139.0000 - 6200.0000 MHz	400KG7W	52.20 dBW	DIGITAL DATA CARRIER
6253.0000 - 6260.0000 MHz	400KG7W	52.20 dBW	DIGITAL DATA CARRIER
6313.0000 - 6378.0000 MHz	400KG7W	52.20 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	400KG7W		DIGITAL DATA CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20120726-00696 E E120145 KGO TELEVISION, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 900 FRONT STREET (Sutro), SAN FRANCISCO, SAN FRANCISCO, CA

37 ° 45 ' 19.00 " N LAT. 122 ° 27 ' 9.00 " W LONG.

ANTENNA ID: Sutro C-1 3.7 meters ANDREW ESA37-46

3700.0000 - 4200.0000 MHz	36M0F8W	0.00 dBW	Analog Video with Associated Audio Subcarriers
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio and Video

Points of Communication:

1 - ALSAT - (ALSAT)

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 202-418-2555.