



PUBLIC NOTICE

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

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

Report No. SES-01606

Wednesday December 18, 2013

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The FCC's Website and all Electronic Filing Systems, except for the Network Outage Reporting System (NORS), will be unavailable because of maintenance activities from 8:00 p.m. (EST) Friday, December 20 until 6:00 a.m. (EST) Sunday, December 22. We apologize for any inconvenience.

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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-20131122-01187 P E130107 O3b Limited

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-LIC-20130618-00516 for description of the application, as amended.

SITE ID: 1

LOCATION: 8000 GAINSFORD COURT (O3B1.WMP), PRINCE WILLIAM, BRISTOW, VA
38 ° 47 ' 0.00 " N LAT. 77 ° 34 ' 25.80 " W LONG.

ANTENNA ID: Ant 1-2 2.4 meters GENERAL DYNAMICS SSATCOM GDST 2.4M.

28855.0000 - 29071.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28855.0000 - 29071.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28601.0000 - 28817.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet

28601.0000 - 28817.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28172.0000 - 28388.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28172.0000 - 28388.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
27912.0000 - 28128.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
27912.0000 - 28128.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
27652.0000 - 27868.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
27652.0000 - 27868.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
19055.0000 - 19271.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
19055.0000 - 19271.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18801.0000 - 19017.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18801.0000 - 19017.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18372.0000 - 18588.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18372.0000 - 18588.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18112.0000 - 18328.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18112.0000 - 18328.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
17852.0000 - 18068.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
17852.0000 - 18068.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet

Points of Communication:

1 - O3B-A - (Eq. NGSO)

SES-ASG-20131205-01176 E E040054 New England Satellite Systems, Inc.
 Application for Consent to Assignment
Current Licensee: New England Satellite Systems, Inc.
FROM: NEW ENGLAND SATELLITE SYSTEMS, INC.
TO: Production & Satellite Services, Inc.

No. of Station(s) listed: 1

SES-ASG-20131205-01178 E E090175 New England Satellite Systems, Inc.
 Application for Consent to Assignment
Current Licensee: New England Satellite Systems, Inc.
FROM: NEW ENGLAND SATELLITE SYSTEMS, INC.
TO: Production & Satellite Services, Inc.

No. of Station(s) listed: 1

SES-LIC-20130618-00516 E E130107 O3b Limited
 Application for Authority
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

O3b Limited requests authority to operate an earth station in Bristow, VA, that will communicate with O3b's non-geostationary orbit Ka-band Fixed-Satellite Service system licensed by the United Kingdom. The earth station will use two fixed 2.4-meter antennas operating in the 17.8-18.3 GHz, 18.3-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth), and 27.6-28.35 GHz, 28.35-28.4 GHz, and 28.6-29.1 GHz (Earth-to-space) frequency bands. For both the 17.8-18.3 GHz and 18.3-18.6 GHz frequency bands, O3b seeks waivers of the Ka-band Plan and Footnote NG164 to Section 2.106 of the Commission's rules. O3b also seeks waivers of Sections 25.145(c) and 25.210(i)(1) of the Commission rules. O3b intends to operate the earth station to monitor the system and to provide customer demonstrations.

For more information on O3b's system, see the files associated with Call Signs E130021 and E100088.

SITE ID: 1
 LOCATION: 8000 GAINSFORD COURT (O3B1.WMP), PRINCE WILLIAM, BRISTOW, VA
 38 ° 47 ' 0.00 " N LAT. 77 ° 34 ' 25.80 " W LONG.

ANTENNA ID:	Ant 1-2	2.4 meters	GENERAL DYNAMICS SSATCOM	GDST 2.4M.
	27652.0000 - 27868.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
	27652.0000 - 27868.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
	19055.0000 - 19271.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
	19055.0000 - 19271.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
	18801.0000 - 19017.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
	18801.0000 - 19017.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
	18372.0000 - 18588.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
	18372.0000 - 18588.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet

18112.0000 - 18328.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18112.0000 - 18328.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
17852.0000 - 18068.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
17852.0000 - 18068.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
27912.0000 - 28128.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
27912.0000 - 28128.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28172.0000 - 28388.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28172.0000 - 28388.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28601.0000 - 28817.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28601.0000 - 28817.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28855.0000 - 29071.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28855.0000 - 29071.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet

Points of Communication:

1 - O3B-A - (Eq. NGSO)

SES-LIC-20131209-01185 E E130235 WXMI, LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: 1

LOCATION: Grand Rapids, MI
0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 1 1.25 meters Accelerated 1.25M

14000.0000 - 14500.0000 MHz 36M0G7W 62.15 dBW Digital Video and Audio

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20131213-01188 E E130236 Telecommunications Support Services, Inc.

EZ

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Covington Ave, Monroe, Key West, FL

24 ° 32 ' 47.20 " N LAT.

81 ° 48 ' 16.50 " W LONG.

ANTENNA ID:	1	9.3 meters	Vertex	9.3 KPC
	5925.0000 - 6425.0000 MHz	135KG7D	51.70 dBW	Digital Data
	5925.0000 - 6425.0000 MHz	807KG7D	57.20 dBW	Digital Data
	5925.0000 - 6425.0000 MHz	1M08G7D	58.85 dBW	Digital Data
	5925.0000 - 6425.0000 MHz	57K6G7D	46.80 dBW	Digital Data
	3700.0000 - 4200.0000 MHz	135KG7D		Digital Data
	3700.0000 - 4200.0000 MHz	807KG7D		Digital Data
	3700.0000 - 4200.0000 MHz	1M08G7D		Digital Data
	3700.0000 - 4200.0000 MHz	57K6G7D		Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20131108-00947 E KA318 SES Americom, Inc.

Modification

Class of Station: Fixed Earth Stations

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

SES Americom, Inc. requests modification of its fixed earth station in Somis, CA, to add the following points of communication: Permitted List satellites, NSS-9 at 177° W.L., and Intelsat 18 at 180° E.L. in the frequency bands listed in the current authorization.

SITE ID: 1

LOCATION: 5990 SOLANO VERDE DRIVE, VENTURA, SOMIS, CA

34 ° 19 ' 31.00 " N LAT.

118 ° 59 ' 41.00 " W LONG.

ANTENNA ID:	1	21 meters	VERTEX	21 KPC
	6365.0000 - 6425.0000 MHz	36M0F8W	84.80 dBW	ANALOG VIDEO
	6365.0000 - 6425.0000 MHz	36M0F9W	84.80 dBW	ANALOG VIDEO

6175.0000 - 6365.0000 MHz	36M0F8W	71.80 dBW	ANALOG VIDEO
6175.0000 - 6365.0000 MHz	36M0F9W	71.80 dBW	ANALOG VIDEO
5850.0000 - 6175.0000 MHz	36M0F8W	84.80 dBW	ANALOG VIDEO
5850.0000 - 6175.0000 MHz	36M0F9W	84.80 dBW	ANALOG VIDEO
3625.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO
3625.0000 - 4200.0000 MHz	36M0F9W		ANALOG VIDEO

Points of Communication:

1 - INTELSAT 18 - (180 E.L.)

1 - NSS 9 - (177 W.L.)

1 - PERMITTED LIST - ()

SES-MFS-20131114-01015 E E120106 Gogo LLC

Modification

Class of Station: Other

Nature of Service: Mobile Satellite Service, Other

Gogo LLC requests modification of its blanket authorization to operate up to 1,000 technically identical aircraft earth stations to add points of communication, make changes to certain technical parameters of operation, and to conform its license to reflect the rules adopted in the Revision of Parts 2 and 25 of the Commission's Rules to Govern the Use of Earth Stations Aboard Aircraft Communicating with Fixed-Satellite Service Geostationary-Orbit Space Stations Operating in the 10.95-11.2 GHz, 11.45-11.7 GHz, 11.7-12.2 GHz and 14.0-14.5 GHz Frequency Bands, IB Docket No. 12-376, Notice of Proposed Rulemaking and Report and Order, 27 FCC Rcd 16510 (2012). In particular, Gogo's aircraft earth stations would transmit in the 14.0-14.5 GHz frequency band to the following geostationary-orbit space stations as new points of communication: Eutelsat 172A (Call Sign S2610) at 172.0° E.L., Intelsat 904 (Call Sign S2408) at 60.0° E.L., Satmex 5 (Call Sign S2589) at 114.9° W.L., and SES-6 (Call Sign S2870) at 40.5° W.L. The aircraft earth stations would receive downlink transmissions in the 10.95-11.2 GHz band from SES-6 and Intelsat 904; in the 11.45-11.7 GHz band from Intelsat 904; and in the 11.7-12.2 GHz band from Satmex 5. In addition, Gogo seeks to communicate with two existing points of communication (SES-1 (Call Sign S2807) at 101° W.L. and NSS-703 (Call Sign S2818) at 47.05° W.L.) at higher power levels.

SITE ID: 1

LOCATION: 1250 North Arlington Heights Road Operate up to 1000 (0.24 m terminals), DuPage, Itasca, IL

ANTENNA ID:	AES1	0.24 meters	AeroSat	HR6400
	14000.0000 - 14500.0000 MHz	8M00G7D	44.50 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	6M94G7D	44.45 dBW	DIGITAL DATA SERVICES
	11700.0000 - 12200.0000 MHz	30M0G7D		Digital Data Services
	10950.0000 - 11200.0000 MHz	30M0G7D		Digital Data Services
	11450.0000 - 11700.0000 MHz	30M0G7D		Digital Data Services
	14000.0000 - 14500.0000 MHz	6M56G7D	44.43 dBW	DIGITAL DATA SERVICES

14000.0000 - 14500.0000 MHz	6M00G7D	44.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M10G7D	42.80 dBW	DIGITAL DATA SERVICES
12250.0000 - 12750.0000 MHz	30M0G7D		Digital Data Services
14000.0000 - 14500.0000 MHz	2M34G7D	44.63 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M40G7D	43.89 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M50G7D	44.57 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M66G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M79G7D	44.48 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M89G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M90G7D	44.49 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M57G7D	44.53 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	882KG7D	44.56 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	9M36G7D	42.32 dBW	DIGITAL DATA SERVICES

Points of Communication:

- 1 - EUTELSAT 172A(S2610) - (172 E. L.)
- 1 - INTELSAT 14 (S2785) - (45.0 W.L.)
- 1 - INTELSAT 19 (S2850) - (166.0 E.L.)
- 1 - INTELSAT 21 - (58.0 W.L.)
- 1 - INTELSAT 22 - (72.1 E. L.)
- 1 - NSS-703(S2818) - (47.05 W.L.)
- 1 - SATMEX-5 (S2589) - (114.9 W.L.)
- 1 - SES-1 - (101.0 W.L.)
- 1 - SES-4 (S2828) - (22.0 W.L.)
- 1 - SES-6 (S2870) - (40.5 W.L.)

SES-MOD-20131112-00965 E E980235 Stratos Offshore Services Company
Application for Modification

Class of Station: Earth Stations on-board Vessels/VSAT

Nature of Service: Fixed Satellite Service

Stratos Offshore Services Company requests modification of its VSAT/ESV license to add fifty 2.4-meter C-band antennas and to update the area of operations for the ESV antennas to the areas shown in exhibit 4 of this application.

SITE ID: REMOTE 1
 LOCATION: (2.4 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 1	2.4 meters	PRODELIN	1251	
	14000.0000 - 14500.0000 MHz		200KG7D	52.20 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz		1M40G7D	52.20 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz		2M40G7D	52.20 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz		2M80G7D	52.20 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz		4M90G7D	52.20 dBW	BPSK, Data
	11700.0000 - 12200.0000 MHz		100KG7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		200KG7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		1M40G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		2M40G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		2M80G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		4M90G7D		DIGITAL DATA

SITE ID: HUB-1 (4.5 M)
 LOCATION: 1710 W. WILLOW STREET (4.5M. HUB), LAFAYETTE, SCOTT, LA
 30 ° 14 ' 36.70 " N LAT. 92 ° 3 ' 6.40 " W LONG.

ANTENNA ID:	HUB-1(4.5)	4.5 meters	ANDREW CORP.	ESA 45-46B	
	14000.0000 - 14500.0000 MHz		100KG7D	53.80 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz		200KG7D	56.80 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz		1M40G7D	65.50 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz		2M40G7D	65.80 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz		2M80G7D	65.80 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz		4M90G7D	65.80 dBW	BPSK, Data
	13750.0000 - 14000.0000 MHz		100KG7D	68.00 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz		200KG7D	68.00 dBW	DIGITAL DATA

13750.0000 - 14000.0000 MHz	1M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M80G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	4M90G7D	68.00 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA

SITE ID: REMOTE 2
LOCATION: (1.2 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 2	1.2 meters	CHANNEL MASTER	120
14000.0000 - 14500.0000 MHz	100KG7D	43.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	200KG7D	46.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	1M40G7D	49.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	2M40G7D	49.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	2M80G7D	49.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	4M90G7D	49.30 dBW	DIGITAL DATA	
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	1M40G7D		QPSK, DATA	

SITE ID: REMOTE 4
LOCATION: (1.2 M. UNITS), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 4	1.2 meters	PRODELIN	1123	
	14000.0000 - 14500.0000 MHz		50K0G7D	36.80 dBW	QPSK, DATAQPSK, DATA
	14000.0000 - 14500.0000 MHz		100KG7D	39.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		200KG7D	42.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		400KG7D	45.80 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		50K0G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		100KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		200KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		400KG7D		QPSK, DATA

SITE ID: REMOTE 3
LOCATION: (2.4 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 3	2.4 meters	CHANNEL MASTER	243	
	14000.0000 - 14500.0000 MHz		50K0G7D	36.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		100KG7D	39.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		200KG7D	42.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		400KG7D	45.80 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		50K0G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		100KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		200KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		400KG7D		QPSK, DATA

SITE ID: HUB-2 (6.1M)
LOCATION: 1710 W. WILLOW ST. (6.1 M. HUB), LAFAYETTE, SCOTT, LA
30 ° 14 ' 36.70 " N LAT. 92 ° 3 ' 6.40 " W LONG.

ANTENNA ID:	HUB-2(6.1)	6.1 meters	VERTEX	6.1 KP	
	14000.0000 - 14500.0000 MHz		100KG7D	53.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		1M40G7D	65.50 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		200KG7D	56.80 dBW	BPSK, DATA

14000.0000 - 14500.0000 MHz	2M40G7D	65.80 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	58K2G7D	39.76 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	154KG7W	44.63 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	4M67G7W	59.88 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	5M57G7D	59.58 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	100KG7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	1M40G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	200KG7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	2M40G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	2M80G7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	4M90G7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	58K2G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	154KG7W		QPSK, DATA
11700.0000 - 12200.0000 MHz	4M67G7W		QPSK, DATA
11700.0000 - 12200.0000 MHz	5M57G7D		QPSK, DATA

SITE ID: ESV R-5

LOCATION: 1710 W. WILLOW (2.4M, 50 UNITS) CONUS, AOC, POC, GM, LAFAYETE, SCOTT, LA

ANTENNA ID:	ESV R-5	2.4 meters	SEATEL	9797
5925.0000 - 6425.0000 MHz	1M03G7W	56.50 dBW	QPSK, DATA	
5925.0000 - 6425.0000 MHz	2M05G7W	56.50 dBW	QPSK, DATA	
5925.0000 - 6425.0000 MHz	2M73G7W	56.50 dBW	QPSK, DATA	
5925.0000 - 6425.0000 MHz	3M41G7W	56.50 dBW	QPSK, DATA	
3700.0000 - 4200.0000 MHz	1M03G7W		QPSK, DATA	
3700.0000 - 4200.0000 MHz	2M05G7W		QPSK, DATA	

14000.0000 - 14500.0000 MHz	100KG7D	53.20 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	200KG7D	65.20 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	1M40G7D	56.20 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	2M40G7D	65.80 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	BPSK, DATA
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA

SITE ID: ESV R-1

LOCATION: 1710 W. WILLOW STREET (1.0M (300 UNITS), CONUS, AOC, POC, GM, LAFAYETTE, SCOTT, LA

ANTENNA ID: ESV R-1 1 meters SEATEL 4003

14000.0000 - 14500.0000 MHz	58K2G7D	34.43 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	154KG7W	39.66 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	465KG7D	43.46 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	619KG7W	45.68 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	58K2G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	154KG7W		QPSK, DATA
11700.0000 - 12200.0000 MHz	465KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	619KG7W		QPSK, DATA

SITE ID: ESV R-2

LOCATION: 1710 W. WILLOW STREET (1.2M, 150 UNITS) CONUS, AOC, POC, GM, LAFAYETTE, SCOTT, LA

ANTENNA ID: ESV R-2 1.2 meters SEATEL 4996

14000.0000 - 14500.0000 MHz	1M40G7D	48.69 dBW	QPSK, DATA
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14000.0000 - 14500.0000 MHz	58K2G7D	34.57 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	309KG7W	42.59 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	928KG7W	47.36 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	1M40G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	58K2G7D	0.00 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	309KG7W		QPSK, DATA
11700.0000 - 12200.0000 MHz	928KG7W		QPSK, DATA

SITE ID: ESV R-3

LOCATION: 1710 W. WILLOW STREET (2.4M, 150 UNITS) CONUS, AOC, POC, GM, LAFAYETTE, SCOTT, LA

ANTENNA ID: ESV R-3 2.4 meters SEATEL 9797-32

14000.0000 - 14500.0000 MHz	116KG7D	38.50 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	1M40G7D	49.32 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	2M06G7W	52.76 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	309KG7W	43.73 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	116KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	1M40G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	2M06G7W		QPSK, DATA
11700.0000 - 12200.0000 MHz	309KG7W		QPSK, DATA

SITE ID: HUB 4 (3.8)

LOCATION: 1701 W. WILLOW STREET, LAFAYETTE, SCOTT, LA

30 ° 14 ' 37.89 " N LAT.

92 ° 3 ' 6.98 " W LONG.

ANTENNA ID: HUB-4(3.8) 3.8 meters PRODELIN 1383

14000.0000 - 14500.0000 MHz	100KG7D	53.20 dBW	DATA
14000.0000 - 14500.0000 MHz	1M40G7D	56.20 dBW	DATA
14000.0000 - 14500.0000 MHz	200KG7D	65.20 dBW	DATA
14000.0000 - 14500.0000 MHz	2M40G7D	65.80 dBW	DATA
14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	DATA

14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	DATA
11700.0000 - 12200.0000 MHz	100KG7D		DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DATA
11700.0000 - 12200.0000 MHz	200KG7D		DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DATA

Points of Communication:

ESV R-1 - ALSAT - (ALSAT)

ESV R-2 - ALSAT - (ALSAT)

ESV R-3 - ALSAT - (ALSAT)

ESV R-4 - ALSAT - (ALSAT)

ESV R-5 - ALSAT - (ALSAT)

HUB 4 (3.8) - ALSAT - (ALSAT)

HUB-1 (4.5 M) - ALSAT - (ALSAT)

HUB-1 (4.5 M) - AMC-3 - (87 W.L.)

HUB-1 (4.5 M) - PAS-1R - (45.0 W.L.)

HUB-1 (4.5 M) - PAS-8B - (43 W.L.)

HUB-2 (6.1M) - ALSAT - (ALSAT)

HUB-3 (3.8 M) - ALSAT - (ALSAT)

REMOTE 1 - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 2 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 2 - NSS-7 (S2463) - (20 W.L.)

REMOTE 3 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 3 - NSS-7 (S2463) - (20 W.L.)

REMOTE 4 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 4 - NSS-7 (S2463) - (20 W.L.)

REMOTE 5 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 5 - NSS-7 (S2463) - (20 W.L.)

SES-MOD-20131216-01199 E E120231 DNETGROUP INC.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

DNETGROUP INC. requests modification of its fixed earth station, currently located in North Miami Beach, FL, to add two additional 3.8 meter and 4.5 meter C-band Transmit/Receive antennas.

SITE ID: 1

LOCATION: 19000 NE 5th Ave., Miami-Dade, North Miami Beach, FL

25 ° 56 ' 59.60 " N LAT.

80 ° 11 ' 30.50 " W LONG.

ANTENNA ID: 1	3.8 meters	Prodelin	1383
6392.0000 - 6425.0000 MHz	18M0G7D	70.00 dBW	Digital Data Carrier
6303.0000 - 6359.0000 MHz	18M0G7D	70.00 dBW	Digital Data Carrier
6140.0000 - 6270.0000 MHz	18M0G7D	70.00 dBW	Digital Data Carrier
5925.0000 - 6107.0000 MHz	18M0G7D	70.00 dBW	Digital Data Carrier
3700.0000 - 4200.0000 MHz	18M0G7D		Digital Data Carrier
ANTENNA ID: 2	4.5 meters	Andrew	ESA45
6392.0000 - 6425.0000 MHz	18M0G7D	70.00 dBW	Digital Data Carrier
6303.0000 - 6359.0000 MHz	18M0G7D	70.00 dBW	Digital Data Carrier
6140.0000 - 6270.0000 MHz	18M0G7D	70.00 dBW	Digital Data Carrier
5925.0000 - 6107.0000 MHz	18M0G7D	70.00 dBW	Digital Data Carrier
3700.0000 - 4200.0000 MHz	18M0G7D		Digital Data Carrier
ANTENNA ID: 3	3.8 meters	PRODELIN	1383
5925.0000 - 6107.0000 MHz	18M0G7D	70.00 dBW	DIGITAL DATA CARRIER
6140.0000 - 6270.0000 MHz	18M0G7D	70.00 dBW	DIGITAL DATA CARRIER
6303.0000 - 6359.0000 MHz	18M0G7D	70.00 dBW	DIGITAL DATA CARRIER
6392.0000 - 6425.0000 MHz	18M0G7D	70.00 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	18M0G7D	70.00 dBW	DIGITAL DATA CARRIER

ANTENNA ID:	4	4.5 meters	ANDREW	ESA45	
	5925.0000 - 6107.0000 MHz		18M0G7D	70.00 dBW	DIGITAL DATA CARRIER
	6140.0000 - 6270.0000 MHz		18M0G7D	70.00 dBW	DIGITAL DATA CARRIER
	6303.0000 - 6359.0000 MHz		18M0G7D	70.00 dBW	DIGITAL DATA CARRIER
	6392.0000 - 6425.0000 MHz		18M0G7D	70.00 dBW	DIGITAL DATA CARRIER
	3700.0000 - 4200.0000 MHz		18M0G7D		DIGITAL DATA CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20131213-01190 E E130237 CBS Communications Services Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1220 Olive ST, St Louis, MO

38 ° 37 ' 46.00 " N LAT.

90 ° 11 ' 55.00 " W LONG.

ANTENNA ID:	1	3 meters	DH Satellite	3 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	compressed Digital Video and Audio
	3700.0000 - 4200.0000 MHz		36M0F7W	audio/Video/Data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20131022-00887 E SES Government Solutions, Inc.

Special Temporary Authority

Class of Station:

SES Government Solutions requests special temporary authority, for a period of 180 days, to operate a fixed earth station in Bristow, VA, that will communicate with O3b's non-geostationary orbit Fixed-Satellite Service system licensed by the United Kingdom. The earth station will use a dual 1.8-meter antenna to communicate with O3b's NGSO FSS satellite system in the 18.372-18.588 (space-to-Earth) and 28.172-28.388 GHz (Earth-to-space) frequency bands. SES Government Solutions plans to operate the earth station for testing and demonstrations purposes only.

For more information on O3b's system, see the files associated with Call Sign E130021 and Call Sign E100088.

Points of Communication:

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