



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-00953

Wednesday August 8, 2007

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-INTR2007-01839 E E070143 Tribune Television New Orleans, Inc.
Amendment
Withdrawn Date Effective: 08/01/2007

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Points of Communication:

SES-LIC-20070618-00826 E E070114 Stratos Offshore Services Company
Application for Authority 08/07/2007 - 08/07/2022
Grant of Authority Date Effective: 08/07/2007

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

Nature of Service: Earth Stations on-board Vessels

SITE ID: Remote 3
LOCATION: CONUS (150-2.4 meter remotes)

ANTENNA ID:	Remote 3	2.4 meters	Seatel	9797-32	
	11700.0000 - 12200.0000 MHz		2M06G7W	0.00 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		116KG7W	41.14 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		116KG7W	0.00 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		2M06G7W	55.65 dBW	QPSK, DATA

SITE ID: Remote 4
LOCATION: CONUS (150-1.0M remotes)

ANTENNA ID: Remote 4 1 meters Seatel 4006

11700.0000 - 12200.0000 MHz	1M40G7W	0.00 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	58K1G7W	0.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	1M40G7W	47.45 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	58K1G7W	35.02 dBW	QPSK, DATA

SITE ID: Remote 5
LOCATION: CONUS (300-1.5M remotes)

ANTENNA ID: Remote 5 1.5 meters Seatel 6006

14000.0000 - 14500.0000 MHz	928KG7W	48.91 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	58K1G7W	35.65 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	58K1G7W	0.00 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	928KG7W	0.00 dBW	QPSK, DATA

SITE ID: Remote 1
LOCATION: CONUS (300-1.0M remotes), Lafayette, Scott, LA

ANTENNA ID: Remote 1 1 meters Seatel 4003

11700.0000 - 12200.0000 MHz	464KG7W	0.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	58K1G7W	35.02 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	58K1G7W	0.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	464KG7W	44.03 dBW	QPSK, DATA

SITE ID: Remote 2
LOCATION: CONUS (150-1.2M remotes), Lafayette, Scott, LA

ANTENNA ID: Remote 2 1.2 meters Seatel 4996

11700.0000 - 12200.0000 MHz	58K1G7W	0.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	58K1G7W	34.93 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	928KG7W	0.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	928KG7W	46.96 dBW	QPSK, DATA

Points of Communication:

Remote 1 - ALSAT - (ALSAT)

Remote 2 - ALSAT - (ALSAT)

SES-LIC-20070621-00843 E E070118 NVT Birmingham Licensee, LLC
Application for Authority 08/06/2007 - 08/06/2022
Grant of Authority Date Effective: 08/06/2007

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 2075 GOLDENCREST DRIAVE BIRMINGHAM, AL, 35209, VARIOUS

ANTENNA ID:	1	1.2 meters	AVL TECHNOLOGY	1200
	14000.0000 - 14500.0000 MHz	36M0G7W	61.95 dBW	MCPC DIGITAL CARRIER FOR VIDEO/VOICE/DATA.

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-INTR2007-01874 E Talking Rock Communications, Inc.
Application for Authority
Withdrawn Date Effective: 08/07/2007

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: Transportable
LOCATION: Various Locations, Various, Various

ANTENNA ID:	5.5C	5.5 meters	Comtech	OFFSAT
	3700.0000 - 4200.0000 MHz	36M0G7W		High Resolution Digital Video, Audio and Data
	3700.0000 - 4200.0000 MHz	51K2G7W		
	5925.0000 - 6425.0000 MHz	36M0G7W	72.40 dBW	High Resolution Digital Video, Audio and Data
	5925.0000 - 6425.0000 MHz	51K2G7W	43.00 dBW	High Resolution Digital Video, Audio and Data

Points of Communication:

Transportable - ALSAT - (ALSAT)

SES-MFS-20070403-00432 E E980136 Telenor Satellite, Inc.
Modification 10/09/2001 - 10/09/2011
Withdrawn Date Effective: 08/07/2007

Class of Station: Fixed Earth Stations

Nature of Service: Feeder Link in Fixed Satellite Service, Radionavigation Satellite Service

SITE ID: 1
LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA
34 ° 24 ' 6.00 " N LAT. 119 ° 4 ' 25.20 " W LONG.

ANTENNA ID: SAPA 17 16.4 meters COMSAT RSI 16.4M
6454.3970 - 6456.4430 MHz 2M20G1D 78.00 dBW BPSK digital data to support FAA WAAS system
3629.4000 - 3631.4430 MHz 2M20G1D BPSK digital data to support FAA WAAS system
ANTENNA ID: SAPA 17A 1.8 meters PRODELIN
1574.4000 - 1576.4430 MHz 2M20G1D BPSK digital data to support FAA WAAS system

Points of Communication:

1 - INMARSAT 3F4 - (142 W.L.)

SES-REG-20070621-00840 E E070115 Hoak Media of South Dakota License, LLC **EZ**
Registration 06/21/2007 - 06/21/2022
Grant of Authority Date Effective: 08/01/2007

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KSFY
LOCATION: 300 N. Dakota Ave, Minnehaha, Sioux Falls, SD
43 ° 33 ' 1.90 " N LAT. 96 ° 43 ' 46.20 " W LONG.

ANTENNA ID: 7.3 7.3 meters Andrew Corp ESA73
3700.0000 - 4200.0000 MHz 36M0F3F Analog video
3700.0000 - 4200.0000 MHz 36M0G7F Digital Video

Points of Communication:

KSFY - PERMITTED LIST - ()

SES-REG-20070625-00853 E E070120 Forum Communications Company **EZ**
Registration 06/25/2007 - 06/25/2022
Grant of Authority Date Effective: 08/01/2007

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 4.5M
LOCATION: 301 8th Street South, Cass, Fargo, ND
46 ° 52 ' 15.10 " N LAT. 96 ° 47 ' 32.80 " W LONG.

ANTENNA ID:	4.5	4.5 meters	Andrew Corp.	ESA45
	3700.0000 - 4200.0000 MHz		36M0F3F	Standard Analog Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Compressed Digital Video

Points of Communication:

4.5M - PERMITTED LIST - ()

SES-REG-20070625-00857	E	E070121	KBMY-KMCY, LLC	EZ
Registration				06/25/2007 - 06/25/2022
Grant of Authority				Date Effective: 08/01/2007

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 4.5M
LOCATION: 1328 East Broadway Ave, Burleigh, Bismark, ND
46 ° 48 ' 22.90 " N LAT. 100 ° 44 ' 38.20 " W LONG.

ANTENNA ID:	4.5M	4.5 meters	Andrew Corp.	ESA45
	3700.0000 - 4200.0000 MHz		36M0F3F	Standard Analog Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Compressed Digital Video

Points of Communication:

4.5M - PERMITTED LIST - ()

SES-REG-20070626-00867	E	E070126	PAPPAS TELECASTING OF CENTRAL NEBRASKA, A CALIFORNIA LIMITEZ PARTNERSHIP	EZ
Registration				06/26/2007 - 06/26/2022
Grant of Authority				Date Effective: 08/01/2007

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 4.5M
LOCATION: 1078 25th Road, Kearny, Axtell, NE
40 ° 29 ' 34.50 " N LAT. 99 ° 5 ' 5.00 " W LONG.

ANTENNA ID:	4.5M	4.5 meters	Andrew Corp.	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7F	Compressed Digital Video
	3700.0000 - 4200.0000 MHz		36M0F3F	Standard Analog Video

Points of Communication:

4.5M - PERMITTED LIST - ()

SES-REG-20070627-00875 E E070129 Clear Channel Broadcasting Licenses, Inc.
Registration 06/27/2007 - 06/27/2022
Grant of Authority Date Effective: 08/06/2007

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2175 WEST 1700 SOUTH (KTVX), SALT LAKE CITY, SALT LAKE CITY, UT
40 ° 43 ' 56.60 " N LAT. 111 ° 57 ' 8.90 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20070731-01007 E E4412 SPACENET SERVICES LICENSE SUB INC
Renewal 08/29/2007 - 08/29/2022
Grant of Authority Date Effective: 08/03/2007

Class of Station: VSAT Fixed Hub Station

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

SITE ID: 1
LOCATION: 3111 S. WESTERN AVENUE, COOK, CHICAGO, IL
41 ° 50 ' 15.00 " N LAT. 87 ° 41 ' 5.00 " W LONG.

ANTENNA ID:	9.0M	9 meters	VERTEX	9.0 KPK	
	14000.0000 - 14500.0000 MHz		1M20G7D	53.80 dBW	768 KBPS DATA, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz		1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz		2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz		3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz		4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz		6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QBPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 3/2, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK

ANTENNA ID: 6.1M 6.1 meters VERTEX 6.1KPK

14000.0000 - 14500.0000 MHz 1M54G7D 69.00 dBW

14000.0000 - 14500.0000 MHz	24M0F3F	78.30 dBW		
14000.0000 - 14500.0000 MHz	112KG7D	53.50 dBW		
14000.0000 - 14500.0000 MHz	128KG7D	54.00 dBW		
11700.0000 - 12200.0000 MHz				
ANTENNA ID: 9.3M	9.3 meters	VERTEX		9.3 M KPK
14000.0000 - 14500.0000 MHz	9M40G7D	65.40 dBW		6000 KBPS DATA, 1/2 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	3M20G7D	59.60 dBW		2048 KBPS DATA, 1/2 RATE FEC, QPSK OR 1024 KBPS DATA
14000.0000 - 14500.0000 MHz	2M40G7D	58.40 dBW		1536 KBPS DATA, 1/2 RATE FEC., QPSK OR 512 KBPS DATA
14000.0000 - 14500.0000 MHz	1M60G7D	56.60 dBW		1024 KBPS DATA, 1/2 RATE FEC, QPSK OR 512 KBPS DATA
14000.0000 - 14500.0000 MHz	1M20G7D	55.40 dBW		768 KBPS DATA, 1/2 RATE FEC, QPSK OR 384 KBPS DATA
14000.0000 - 14500.0000 MHz	800KG7D	53.60 dBW		512 KBPS DATA, 1/2 RATE FEC, QPSK OR 256 KBPS DATA
14000.0000 - 14500.0000 MHz	600KG7D	52.40 dBW		384 KBPS DATA, 1/2 RATE FEC, QPSK OR 192 KBPS DATA
14000.0000 - 14500.0000 MHz	400KG7D	50.60 dBW		256 KBPS DATA, 1/2 RATE FEC, QPSK OR 128 KBPS DATA
11700.0000 - 12200.0000 MHz	290KG7D			76.8 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	288KG7D			153.6 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D			76.8 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	130KG7D			38.4 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	80K0G7D			19.2 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	72K0G7D			38.4 KBPS DATA, 1/2 RATE FEC, MSK
ANTENNA ID: 5.6M	5.6 meters	ANDREW		ESA-56
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW		768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QBPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK

11700.0000 - 12200.0000 MHz	80KG7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK
ANTENNA ID: 9.3M-2	9.3 meters	VERTEX	9.3 KPK
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QBPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK
ANTENNA ID: 9.3M-3	9.3 meters	VERTEX	9.3 KPK
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QBPSK

14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK
ANTENNA ID: 9.3M-4	9.3 meters	VERTEX	9.3 KPK
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144K0G7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288K0G7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480K0G7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130K0G7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290K0G7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400K0G7D		153.6 KBPS, 1/2 RATE FEC, DPSK

11700.0000 - 12200.0000 MHz

800KG7D

307.2 KBPS, 1/2 RATE FEC, DPSK

Points of Communication:

1 - ALSAT - (ALSAT)

1 - SATMEX-5 - (116.8 W.L.)

SES-RWL-20070731-01008 E E860326 SPACENET SERVICES LICENSE SUB INC

Renewal

08/22/2007 - 08/22/2022

Grant of Authority

Date Effective: 08/03/2007

Class of Station: VSAT Fixed Hub Station

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

SITE ID: 1

LOCATION: 1750 OLD MEADOW ROAD, FAIRFAX, MCLEAN, VA

38 ° 55 ' 24.00 " N LAT.

77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 1 5.5 meters SATCOM TECH 551KS

14000.0000 - 14500.0000 MHz 33K3G7D 45.60 dBW

14000.0000 - 14500.0000 MHz 1M85G7D 58.30 dBW

14000.0000 - 14500.0000 MHz 1M65G7D 64.00 dBW

14000.0000 - 14500.0000 MHz 1M20G7D 53.80 dBW 768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz 1M60G7D 55.00 dBW 1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz 2M40G7D 56.80 dBW 1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz 3M20G7D 58.00 dBW 2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz 4M80G7D 59.80 dBW 1,536 KBPS, 1/2 RATE, FEC, BPSK

14000.0000 - 14500.0000 MHz 6M10G7D 65.10 dBW 3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz 6M40G7D 61.00 dBW 2,048 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz 8M10G7D 66.40 dBW 6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz 10M8G7D 67.60 dBW 8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz 16M2G7D 69.40 dBW 12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.40 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	1M85G7D		
11700.0000 - 12200.0000 MHz	1M65G7D		
11700.0000 - 12200.0000 MHz	36K0G7D	0.00 dBW	19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-1
LOCATION: 1750 OLD MEADOW ROAD, (9.3M.HUB), FAIRFAX, MCLEAN, VA
38 ° 55 ' 24.00 " N LAT. 77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 2 9.3 meters VERTEX 9.3 KPK

14000.0000 - 14500.0000 MHz 6M10G7D 60.70 dBW 3500 KBPS, 1/2 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz	3M20G7D	57.90 dBW	2048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BP
14000.0000 - 14500.0000 MHz	2M40G7D	56.70 dBW	1536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	1M60G7D	54.90 dBW	1024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	1M20G7D	53.60 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	800KG7D	51.90 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE EC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.60 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	400KG7D	48.90 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS DATA, 1/2 RATE FEC, MSK

11700.0000 - 12200.0000 MHz	80K0G7D	19.2 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	72K0G7D	38.4 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	130K0G7D	38.4 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	36K0G7D	19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480K0G7D	307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	400K0G7D	153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800K0G7D	307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-2
LOCATION: 1750 OLD MEADOW ROAD, (5.6M. HUB), FAIRFAX, MCLEAN, VA
38 ° 55 ' 24.00 " N LAT. 77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 3	5.6 meters	ANDREW	ESA-56
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC , B
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	800K0G7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	600K0G7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	400K0G7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144K0G7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288K0G7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480K0G7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130K0G7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290K0G7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400K0G7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800K0G7D		307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-3

LOCATION: 1750 OLD MEADOW ROAD, FAIRFAX, MCLEAN, VA
38 ° 55 ' 24.00 " N LAT.

77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 4 5.6 meters ANDREW ESA-56

14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE, FEC, BPSK

14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D	0.00 dBW	19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D	0.00 dBW	38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D	0.00 dBW	76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-4
 LOCATION: 1750 OLD MEADOW ROAD, FAIRFAX, MCLEAN, VA
 38 ° 55 ' 24.00 " N LAT. 77 ° 12 ' 45.00 " W LONG.

ANTENNA ID:	5	5.6 meters	ANDREW	ESA-56
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK	
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK	
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK	
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE, FEC, BPSK	
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK	
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE, FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK	
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK	
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK	
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK	
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK	
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK	
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK	
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK	
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK	
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK	
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK	
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK	
11700.0000 - 12200.0000 MHz	290KG7D	76.8 KBPS DATA, 1/2 RATE FEC, DPSK		

11700.0000 - 12200.0000 MHz	288KG7D	153.6 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D	76.8 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	130KG7D	38.4 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	80K0G7D	19.2 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	72K0G7D	38.4 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	36K0G7D	19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D	307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	400KG7D	153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D	307.2 KBPS, 1/2 RATE FEC, DPSK

Points of Communication:

1 - ALSAT - (ALSAT)

HUB-1 - ALSAT - (ALSAT)

HUB-2 - ALSAT - (ALSAT)

HUB-3 - ALSAT - (ALSAT)

HUB-4 - ALSAT - (ALSAT)

HUB-4 - SATMEX-5 - (116.8 W.L.)

SES-RWL-20070801-01014 E E873636 Rapid Communications LLC

Renewal

09/04/2007 - 09/04/2022

Grant of Authority

Date Effective: 08/02/2007

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: LEWIS, WESTON, WV

39 ° 3 ' 14.00 " N LAT.

80 ° 27 ' 13.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20070801-01015 E E860765 National Cable Satellite Corporation d/b/a C-SPAN
Renewal 09/04/2007 - 09/04/2022
Grant of Authority Date Effective: 08/03/2007

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: TRANSPORTABLE

ANTENNA ID: 1 2.4 meters ANDREW CORPORATION MODEL ESA24-124
14000.0000 - 14500.0000 MHz 36000F9 76.50 dBW

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20070801-01018 E E873628 Rapid Communications LLC
Renewal 09/04/2007 - 09/04/2022
Grant of Authority Date Effective: 08/02/2007

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: BRAXTON, SUTTON, WV
38 ° 40 ' 26.00 " N LAT. 80 ° 41 ' 55.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20070801-01019 E E873635 Rapid Communications LLC
Renewal 09/04/2007 - 09/04/2022
Grant of Authority Date Effective: 08/02/2007

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: NICHOLAS, SUMMERSVILLE, WV
38 ° 16 ' 54.00 " N LAT. 80 ° 52 ' 9.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008

1 - ALSAT - (ALSAT)

SES-RWL-20070806-01037 E E970507 Bright House Networks, LLC
Renewal 09/22/2007 - 09/22/2022
Grant of Authority Date Effective: 08/06/2007

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 730 SOUTH MAIN STREET, SUMTER, WILDWOOD, FL
28 ° 51 ' 3.00 " N LAT. 82 ° 2 ' 43.00 " W LONG.

ANTENNA ID: 1 5 meters ANTENNA TECHNOLOGY CORP. SIMULSAT 5M.
3700.0000 - 4200.0000 MHz 36M0F8W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20070611-00787 E E980136 Telenor Satellite, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 08/07/2007

Class of Station:

The FCC has taken the administrative action of listing this request as granted. The request sought continuation of operations authorized in File No. SES-STA-20060725-01254. The station operated during the requested period pursuant to Section 1.62 of the Commission's rules, subject to the conditions specified in the original authorization. This action is without prejudice to action on any pending request for current operations.

Points of Communication:

SES-STA-20070806-01038 E BT Americas Inc.
Special Temporary Authority
Grant of Authority Date Effective: 08/07/2007

Class of Station:

Special Temporary Authority is GRANTED with conditions for a period of 27 days beginning August 20, 2007 and ending September 15, 2007.

Points of Communication:

SES-STA-20070806-01039 E BT Americas Inc.
Special Temporary Authority
Grant of Authority Date Effective: 08/07/2007

Class of Station:

Special Temporary Authority is GRANTED with conditions for a period of 27 days beginning August 20, 2007 and ending September 15, 2007.

Points of Communication:

SES-STA-20070806-01040 E BT Americas Inc.
Special Temporary Authority
Grant of Authority Date Effective: 08/07/2007

Class of Station:

Special Temporary Authority is GRANTED with conditions for a period of 27 days beginning August 20, 2007 and ending September 15, 2007.

Points of Communication:

SES-STA-20070806-01041 E BT Americas Inc.
Special Temporary Authority
Grant of Authority Date Effective: 08/07/2007

Class of Station:

Special Temporary Authority is GRANTED with conditions for a period of 27 days beginning August 20, 2007 and ending September 15, 2007.

Points of Communication:

SES-STA-20070806-01043 E BT Americas Inc.
Special Temporary Authority
Grant of Authority Date Effective: 08/07/2007

Class of Station:

Special Temporary Authority is GRANTED with conditions for a period of 27 days beginning August 20, 2007 and ending September 15, 2007.

Points of Communication:

SES-T/C-20070730-01000 E E860707 Midwest Information Systems, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 08/01/2007

Current Licensee: Midwest Information Systems, Inc.

FROM: ROBERT E. INGSTAD, DECEASED

TO: Estate of Robert E. Ingstad

No. of Station(s) listed: 1

Dismissal

SES-LIC-20070719-00971 E070154 American Satellite Uplink

Application has been dismissed per letter dated August 6, 2007, DA 07-3525.

SES-STA-20070802-01022 E860417 The Satellite Center, Inc.

STA has been dismissed, renewal application has been granted.

SURRENDER

SES-REG-19980626-00747 E980289 AMERICABLE INTERNATIONAL, INC.

Licensee has surrendered license, per letter dated July 31, 2007.

SES-RWL-19971020-01482 E874240 TIME WARNER ENTERTAINMENT- ADVANCE/NEWHOUSE PARTNERSHIP

Application has been surrendered, per letter dated August 1, 2007.

SES-RWL-20001025-02102 E2498 Galaxy Cable Inc.

Licensee has surrendered receive-only earth station registration per letter dated August 3, 2007.

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