
SES-LIC-20111003-01162 E E110134 MIDWEST UPLINK, INC. **EZ**
Application for Authority 11/09/2011 - 11/09/2026
Grant of Authority Date Effective: 11/09/2011

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	Andrew 2.4	2.4 meters	ANDREW	ESA24SNG-KU
	14000.0000 - 14500.0000 MHz		36M0F8W 67.58 dBW	ANALOG VIDEO/AUDIO, DIGITAL MCPC QPSK
	14000.0000 - 14500.0000 MHz		8M00G7F 66.50 dBW	ANALOG VIDEO/AUDIO, DIGITAL MCPC QPSK
	11700.0000 - 12200.0000 MHz		36M0F8W	ANALOG VIDEO/AUDIO, DIGITAL MCPC QPSK
	11700.0000 - 12200.0000 MHz		8M00G7F	ANALOG VIDEO/AUDIO, DIGITAL MCPC QPSK

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20110707-00793 E E050196 ECHOSTAR 77 CORP.
Modification 04/18/2006 - 04/18/2021
Grant of Authority Date Effective: 11/10/2011

Class of Station: Other

Nature of Service: Direct Broadcast Satellite Service, Fixed Satellite Service, Other

SITE ID: Multiple
LOCATION: CONUS 1,000,000 (.66M Antennas)

ANTENNA ID:	.66M	0.66 meters	Various - all using the following specs.	Various
	12200.0000 - 12700.0000 MHz		24M0G7W 0.00 dBW	DBS Service

Points of Communication:

Multiple - ECHOSTAR 4 - (77 W.L.)

Multiple - ECHOSTAR 8 - (77 W.L.)

Multiple - QUETZSAT-1 - (77.05 W.L.)

Class of Station: Fixed Earth Stations

Nature of Service: Satellite Digital Audio Radio Service

SITE ID: 1
LOCATION: 2875 FORK CREEK CHURCH ROAD, CLAYTON, ELLENWOOD, GA
33 ° 39 ' 51.00 " N LAT. 84 ° 16 ' 24.00 " W LONG.

ANTENNA ID:	Feeder 1	7.2 meters	GENERAL DYNAMICS	7.2M.
	7068.0000 - 7072.5000 MHz	4M50G7E	75.00 dBW	TDM QPSK DARS PROGRAM UPLINK
	7060.0000 - 7064.5000 MHz	4M50G7E	75.00 dBW	TDM QPSK DARS PROGRAM UPLINK
	7055.5000 - 7056.5000 MHz	1M00F1D	75.00 dBW	PCM/PSK/FM COMMAND
	7051.5000 - 7052.5000 MHz	1M00F1D	75.00 dBW	PCM/PSK/FM COMMAND
	2331.8500 - 2332.1500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
	2331.3500 - 2331.6500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
	2328.0000 - 2332.5000 MHz	4M50G7E	0.00 dBW	TDM QPSK DARS PROGRAM DOWNLINK
	2320.8500 - 2321.1500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
	2320.3500 - 2320.6500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
	2320.0000 - 2324.5000 MHz	4M50G7E	0.00 dBW	TDM QPSK DARS PROGRAM DOWNLINK

ANTENNA ID:	Feeder 3	8 meters	GENERAL DYNAMICS	8.0M.
	7068.0000 - 7072.5000 MHz	4M50G7E	72.50 dBW	TDM QPSK DARS PROGRAM UPLINK
	7060.0000 - 7064.5000 MHz	4M50G7E	72.50 dBW	TDM QPSK DARS PROGRAM UPLINK
	7055.5000 - 7056.5000 MHz	1M00F1D	79.40 dBW	PCM/PSK/FM COMMAND
	7051.5000 - 7052.5000 MHz	1M00F1D	79.40 dBW	PCM/PSK/FM COMMAND
	6424.0000 - 6425.0000 MHz	900KF9D	73.40 dBW	PCM/PSK/FM COMMAND
	6422.0000 - 6423.0000 MHz	900KF9D	73.40 dBW	PCM/PSK/FM COMMAND
	4196.8750 - 4197.1250 MHz	250KG9D		BIPHASE PCM TELEMETRY

4196.3750 - 4196.6250 MHz	250KG9D			BIPHASE PCM TELEMETRY
2330.8500 - 2331.1500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2330.3500 - 2330.6500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2329.2500 - 2329.5500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2328.0000 - 2332.5000 MHz	4M50G7E	0.00 dBW		TDM QPSK DARS PROGRAM DOWNLINK
2326.1000 - 2326.4000 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2321.8500 - 2322.1500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2321.3500 - 2321.6500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2320.0500 - 2320.3500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2320.0000 - 2324.5000 MHz	4M50G7E	0.00 dBW		TDM QPSK DARS PROGRAM DOWNLINK
ANTENNA ID: Feeder 2	8 meters	GENERAL DYNAMICS		8.0M.
7068.0000 - 7072.5000 MHz	4M50G7E	72.50 dBW		TDM QPSK DARS PROGRAM UPLINK
7060.0000 - 7064.5000 MHz	4M50G7E	72.50 dBW		TDM QPSK DARS PROGRAM UPLINK
7055.5000 - 7056.5000 MHz	1M00F1D	79.40 dBW		PCM/PSK/FM COMMAND
7051.5000 - 7052.5000 MHz	1M00F1D	79.40 dBW		PCM/PSK/FM COMMAND
6424.0000 - 6425.0000 MHz	900KF9D	73.40 dBW		PCM/PSK/FM COMMAND
6422.0000 - 6423.0000 MHz	900KF9D	73.40 dBW		PCM/PSK/FM COMMAND
4196.8750 - 4197.1250 MHz	250KG9D			BIPHASE PCM TELEMETRY
4196.3750 - 4196.6250 MHz	250KG9D			BIPHASE PCM TELEMETRY
2330.8500 - 2331.1500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2330.3500 - 2330.6500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2329.2500 - 2329.5500 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY
2328.0000 - 2332.5000 MHz	4M50G7E	0.00 dBW		TDM QPSK DARS PROGRAM DOWNLINK
2326.1000 - 2326.4000 MHz	300KG1D	0.00 dBW		BIPHASE PCM TELEMETRY

SITE ID: REMOTE 1
LOCATION: 1.2 M. VSAT (300 UNITS), CONUS, AK, HI

ANTENNA ID:	1A	1.2 meters	PRODELIN	SERIES 1181 1.2M
	14000.0000 - 14500.0000 MHz	128KG7D	41.00 dBW	BPSK, DATA
	11700.0000 - 12200.0000 MHz	128KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	1M50G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	256KG7D		BPSK, DATA

SITE ID: REMOTE 2
LOCATION: 1.8 M. VSAT (200 UNITS), CONUS, AK, HI

ANTENNA ID:	2A	1.8 meters	PRODELIN	SERIES 1181 1.8M
	14000.0000 - 14500.0000 MHz	128KG7D	44.50 dBW	BPSK, DATA
	11700.0000 - 12200.0000 MHz	128KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	1M50G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	256KG7D		BPSK, DATA

SITE ID: REMOTE 3
LOCATION: 2.4 M. VSAT (1 UNIT), CONUS, AK, HI

ANTENNA ID:	3A	2.4 meters	PRODELIN	SERIES 1181 2.4M
	14000.0000 - 14500.0000 MHz	128KG7D	47.00 dBW	BPSK, DATA
	11700.0000 - 12200.0000 MHz	128KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	1M50G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	256KG7D		BPSK, DATA

Points of Communication:

ASH - ALSAT - (ALSAT)

SES - RWL - 20111104 - 01332 E E010274 ViaSat, Inc.

Renewal

12/11/2011 - 12/11/2026

Grant of Authority

Date Effective: 11/10/2011

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: ATL HUB-1
 LOCATION: 4311 COMMUNICATIONS DR. (1.2 M. HUB-1), GWINNETT, NORCROSS, GA
 33 ° 56 ' 19.00 " N LAT. 84 ° 8 ' 9.00 " W LONG.

ANTENNA ID:	1AT	1.2 meters	PRODELIN	SERIES	
	14000.0000 - 14500.0000 MHz		1M00G7D	49.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	ATL-A	6.1 meters	VIASAT, INC.	8060K	
ANTENNA ID:	ATL-B	6.1 meters	VIASAT, INC.	8060K	

SITE ID: CBD HUB-2
 LOCATION: 6155 EL CAMINO REAL (4.5 M. HUB-2), SAN DIEGO, CARLSBAD, CA
 33 ° 7 ' 35.00 " N LAT. 117 ° 16 ' 0.00 " W LONG.

ANTENNA ID:	CBD-A	4.5 meters	VIASAT	8345	
	14000.0000 - 14500.0000 MHz		24M0G7D	77.62 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		1M00G7D		QPSK, DATA

SITE ID: REMOTE 1A
 LOCATION: (1.2 M. VSAT) 7000 UNITS, CONUS AK HI US VI PR

ANTENNA ID:	1H	1.2 meters	PRODELIN	1134-990	
	14000.0000 - 14500.0000 MHz		800KG7D	49.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	1J	1.2 meters	SEA TEL	4996T	
	14000.0000 - 14500.0000 MHz		400KG7D	48.30 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	1A	1.2 meters	PRODELIN	SERIES	
	14000.0000 - 14500.0000 MHz		1M00G7D	49.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	1B	1.2 meters	CHANNEL MASTER	TYPE 123	
	14000.0000 - 14500.0000 MHz		800KG7D	46.30 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA

ANTENNA ID:	1C	1.2 meters	PATRIOT	TXINT-120KU	
	14000.0000 - 14500.0000 MHz		800KG7D	46.40 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	1D	1.2 meters	PRODELIN	1134-990	
	14000.0000 - 14500.0000 MHz		800KG7D	46.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	1E	1.2 meters	SEA TEL	4996T	
	14000.0000 - 14500.0000 MHz		400KG7D	45.50 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	1F	1.2 meters	CHANNEL MASTER	TYPE 123	
	14000.0000 - 14500.0000 MHz		800KG7D	49.30 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	1G	1.2 meters	PATRIOT	TXINT-120KU	
	14000.0000 - 14500.0000 MHz		800KG7D	49.40 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
SITE ID:	REMOTE 2A				
LOCATION:	(1.8 M. VSAT) 7000 UNITS, CONUS AK HI US VI PR				
ANTENNA ID:	2A	1.8 meters	PRODELIN	SERIES	
ANTENNA ID:	2B	1.8 meters	CHANNEL MASTER	TYPE 183	
	14000.0000 - 14500.0000 MHz		800KG7D	49.80 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	2C	1.8 meters	PATRIOT	TXINT-180KU	
	14000.0000 - 14500.0000 MHz		800KG7D	50.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	2D	1.8 meters	PRODELIN	1184-500	
	14000.0000 - 14500.0000 MHz		800KG7D	49.50 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA

ANTENNA ID:	2F	1.8 meters	CHANNEL MASTER	TYPE 183	
	14000.0000 - 14500.0000 MHz		800KG7D	52.80 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	2G	1.8 meters	PATRIOT	TXINT-180KU	
	14000.0000 - 14500.0000 MHz		800KG7D	53.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	2H	1.8 meters	PRODELIN	1184-500	
	14000.0000 - 14500.0000 MHz		800KG7D	52.50 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA

SITE ID: REMOTE 3A
LOCATION: (2.4 M. VSAT) 1000 UNITS, CONUS AK HI US VI PR

ANTENNA ID:	3A	2.4 meters	PRODELIN	SERIES	
ANTENNA ID:	3B	2.4 meters	CHANNEL MASTER	TYPE 243	
	14000.0000 - 14500.0000 MHz		800KG7D	55.30 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	3C	2.4 meters	PATRIOT	TXINT-240KU	
	14000.0000 - 14500.0000 MHz		800KG7D	54.70 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	3D	2.4 meters	PRODELIN	1244-930	
	14000.0000 - 14500.0000 MHz		800KG7D	55.20 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA
ANTENNA ID:	3E	2.4 meters	SEA TEL	9997	
	14000.0000 - 14500.0000 MHz		800KG7D	54.90 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA

SITE ID: REMOTE 4A
LOCATION: (0.96 M. VSAT) 2000 UNITS, CONUS AK HI US VI PR

ANTENNA ID:	4A	0.96 meters	CHANNEL MASTER	TYPE 960
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14000.0000 - 14500.0000 MHz	400KG7D	44.20 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA
ANTENNA ID: 4B	1 meters	PATRIOT	TXINT-100KU
14000.0000 - 14500.0000 MHz	400KG7D	45.40 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA
ANTENNA ID: 4C	0.98 meters	PRODELIN	1981
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA
ANTENNA ID: 4D	1 meters	SEA TEL	4003
14000.0000 - 14500.0000 MHz	400KG7D	45.80 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA

SITE ID: ALT
LOCATION: 1725 BRECKINRIDGE PLAZA (6.1 M. HUB A), GWINETT, DULUTH, GA
33 ° 57 ' 46.00 " N LAT. 84 ° 5 ' 41.00 " W LONG.

ANTENNA ID: ATL-A	6.1 meters	SCIENTIFIC ATLANTA	8060K
14000.0000 - 14500.0000 MHz	128KG7D	45.00 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	256KG7D	48.00 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	1M50G7D	56.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	3M00G7D	59.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	24M0G7D	77.62 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	128KG7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	128KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	1M00G7D		QPSK, DATA

SITE ID: ATL-B
LOCATION: 1725 BRECKINRIDGE PLAZA (6.1 M. HUB B), GWINETT, DULUTH, GA
33 ° 57 ' 46.00 " N LAT. 84 ° 5 ' 41.00 " W LONG.

ANTENNA ID: ATL-B	6.1 meters	SCIENTIFIC ATLANTA	8060K
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14000.0000 - 14500.0000 MHz	128KG7D	45.00 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	256KG7D	48.00 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	1M50G7D	56.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	3M00G7D	59.00 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	24M0G7D	77.62 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	128KG7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	128KG7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	1M00G7D		QPSK, DATA

SITE ID: REMOTE 1
LOCATION: 1.2 M. VSAT (300 UNITS), CONUS, AK, HI

ANTENNA ID: 1A	1.2 meters	PRODELIN	SERIES 11811.2M
14000.0000 - 14500.0000 MHz	128KG7D	41.00 dBW	BPSK, DATA
11700.0000 - 12200.0000 MHz	128KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	1M50G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	3M00G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	128KG7D		BPSK, DATA

SITE ID: REMOTE 2
LOCATION: 1.8 M. VSAT (1200 UNITS), CONUS, AK, HI

ANTENNA ID: 2A	1.8 meters	PRODELIN	SERIES 11811.8M
14000.0000 - 14500.0000 MHz	128KG7D	44.50 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	1M00G7D	52.50 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	128KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	1M50G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	3M00G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	128KG7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA

SITE ID: REMOTE 3
LOCATION: 2.4 M. VSAT (100 UNITS), CONUS, AK, HI

ANTENNA ID:	3A	2.4 meters	PRODELIN	SERIES 11812.4	
	14000.0000 - 14500.0000 MHz		128KG7D	47.00 dBW	BPSK, DATA
	14000.0000 - 14500.0000 MHz		1M00G7D	55.20 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		128KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		1M50G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		3M00G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		128KG7D		BPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA

SITE ID: REMOTE 4
LOCATION: 1.0 M. VSAT (5000 UNITS), CONUS AK HI US VI PR

ANTENNA ID:	4E	1 meters	ANDREW/CM	TYPE 100TX	
	14000.0000 - 14500.0000 MHz		400KG7D	47.50 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA

Points of Communication:

ALT - ALSAT - (ALSAT)
ATL HUB-1 - ALSAT - (ALSAT)
ATL-B - ALSAT - (ALSAT)
CBD HUB-2 - ALSAT - (ALSAT)
REMOTE 1 - ALSAT - (ALSAT)
REMOTE 1A - ALSAT - (ALSAT)
REMOTE 2 - ALSAT - (ALSAT)
REMOTE 2A - ALSAT - (ALSAT)
REMOTE 3 - ALSAT - (ALSAT)
REMOTE 3A - ALSAT - (ALSAT)
REMOTE 4 - ALSAT - (ALSAT)
REMOTE 4A - IA-7 - (129 W.L.)

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	1.5 meters	VERTEX	1.5 SMK-LT
	14000.0000 - 14500.0000 MHz		24M0G7F	62.24 dBW
				PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20111108-01340	E	E010295	TrustComm, Inc.	
Renewal				01/03/2012 - 01/03/2027
Grant of Authority				Date Effective: 11/10/2011

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Houston, Texas
LOCATION: 1140 AEROSPACE, Harris, Houston, TX
29 ° 36 ' 35.50 " N LAT. 95 ° 10 ' 29.70 " W LONG.

ANTENNA ID:	Ku-Band	13.1 meters	Vertex Comm.	13.1 KPK
	14000.0000 - 14500.0000 MHz		32M3G7W	83.87 dBW
				Digital Data and Video
	14000.0000 - 14500.0000 MHz		1M54G7W	75.80 dBW
				Digital Data, Video, and Voice
	14000.0000 - 14500.0000 MHz		32M3G7W	86.90 dBW
				Digital Data, Video, and Voice
	11700.0000 - 12200.0000 MHz		32M3G7W	
				Digital Data and Video
	11450.0000 - 11700.0000 MHz		1M54G7W	
				Digital Data, Video, and Voice
	11450.0000 - 11700.0000 MHz		32M3G7W	
				Digital Data, Video, and Voice
	10950.0000 - 11200.0000 MHz		1M54G7W	
				Digital Data, Video, and Voice
	10950.0000 - 11200.0000 MHz		32M3G7W	
				Digital Data, Video, and Voice

ANTENNA ID:	5.5m Hub	4.1 meters	RSI Satcom Technologies	551KS
	14000.0000 - 14500.0000 MHz		1M77G7W	65.70 dBW
				Digital QPSK (SCPC compressed digital data/video)
	14000.0000 - 14500.0000 MHz		22K0G7W	56.60 dBW
				Digital QPSK (SCPC compressed digital data/video)

14000.0000 - 14500.0000 MHz	30K0G7W	47.40 dBW	Digital QPSK (SCPC compressed digital data/video)
14000.0000 - 14500.0000 MHz	4M33G7W	69.50 dBW	Digital QPSK (SCPC compressed digital data/video)
14000.0000 - 14500.0000 MHz	89K0G7W	62.60 dBW	Digital QPSK (SCPC compressed digital data/video)
14000.0000 - 14500.0000 MHz	9M01G7W	72.70 dBW	Digital QPSK (SCPC compressed digital data/video)
11700.0000 - 12200.0000 MHz	1M77G7W		Digital QPSK (SCPC compressed digital data/video)
11700.0000 - 12200.0000 MHz	22K0G7W		Digital QPSK (SCPC compressed digital data/video)
11700.0000 - 12200.0000 MHz	30K0G7W		Digital QPSK (SCPC compressed digital data/video)
11700.0000 - 12200.0000 MHz	4M33G7W		Digital QPSK (SCPC compressed digital data/video)
11700.0000 - 12200.0000 MHz	89K0G7W		Digital QPSK (SCPC compressed digital data/video)
11700.0000 - 12200.0000 MHz	9M01G7W		Digital QPSK (SCPC compressed digital data/video)
ANTENNA ID: 3.7m C-Hub	3.7 meters	Andrew	ESA37-C
6170.0000 - 6238.0000 MHz	2M63G7W	64.56 dBW	DIGITAL
6170.0000 - 6238.0000 MHz	329KG7W	55.56 dBW	DIGITAL
5925.0000 - 6078.0000 MHz	2M63G7W	64.56 dBW	DIGITAL
5925.0000 - 6078.0000 MHz	329KG7W	55.56 dBW	DIGITAL
3700.0000 - 4200.0000 MHz	2M63G7W		DIGITAL
3700.0000 - 4200.0000 MHz	329KG7W		DIGITAL
Points of Communication:			
Houston, Texas - ALSAT - (ALSAT)			
Houston, Texas - AMC 3 - (87 W.L.)			
Houston, Texas - SATMEX 6 - (113 W.L.)			
Houston, Texas - SATMEX-5 - (116.8 W.L.)			

SES-RWL-20111110-01351 E KM70 Falcon Community Cable, LP
Renewal 12/18/2011 - 12/18/2026
Grant of Authority Date Effective: 11/15/2011

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 1912 4TH STREET, SUITE 100, UNION CO., LA GRANDE, OR
45 ° 19 ' 46.00 " N LAT. 118 ° 5 ' 47.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC-ATLANTA 8008B (5METER)
3700.0000 - 4200.0000 MHz 36M0F8W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20111024-01253 E E110149 HNS License Sub, LLC
Special Temporary Authority
Grant of Authority Date Effective: 11/10/2011

Class of Station:

"STA" is granted with conditions for a period of 60 days from November 10, 2011 through January 8, 2012, to operate the antennas proposed in its pending application SES-LIC-20111021-01243, underlying application has been accepted for filing.

Points of Communication:

SES-STA-20111101-01290 E E980127 EchoStar Broadcasting Corporation
Special Temporary Authority
Grant of Authority Date Effective: 11/10/2011

Class of Station:

STA is granted with conditions for a period of 60 days from November 11, 2011 through January 10, 2012, to add EchoStar 8, a Mexican-licensed satellite, at 76.85 W.L. as a point of communication.

Points of Communication:

SES-STA-20111101-01291 E E080120 EchoStar Broadcasting Corporation
Special Temporary Authority
Grant of Authority Date Effective: 11/10/2011

Class of Station:

STA is granted with conditions for a period of 60 days from November 11, 2011 through January 10, 2012, to add EchoStar 8, a Mexican-licensed satellite, at 76.85 W.L. as a point of communication.

Points of Communication:

SES-STA-20111101-01292 E E070015 EchoStar Broadcasting Corporation
Special Temporary Authority
Grant of Authority Date Effective: 11/10/2011

Class of Station:

STA is granted with conditions for a period of 60 days from November 11, 2011 through January 10, 2012, to add EchoStar 8, a Mexican-licensed satellite, at 76.85 W.L. as a point of communication.

Points of Communication:

SES-STA-20111101-01293 E E020306 EchoStar Broadcasting Corporation
Special Temporary Authority
Grant of Authority Date Effective: 11/10/2011

Class of Station:

STA is granted with conditions for a period of 60 days from November 11, 2011 through January 10, 2012, to add EchoStar 8, a Mexican-licensed satellite, at 76.85 W.L. as a point of communication.

Points of Communication:

SES-STA-20111101-01294 E E070014 EchoStar Broadcasting Corporation
Special Temporary Authority
Grant of Authority Date Effective: 11/10/2011

Class of Station:

STA is granted with conditions for a period of 60 days from November 11, 2011 through January 10, 2012, to add EchoStar 8, a Mexican-licensed satellite, at 76.85 W.L. as a point of communication.

Points of Communication:

SES-STA-20111103-01326 E E110104 SES Americom, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 11/10/2011

Class of Station:

STA is granted with conditions for a period of 60 days from November 10, 2011 through January 9, 2012, to use E110104 with NSS-7 pending grant of underlying earth station application SES-LIC-20110715-00830.

Points of Communication:

SES-STA-20111107-01329 E E110163 3003 Moffitt LLC
Special Temporary Authority
Grant of Authority Date Effective: 11/14/2011

Class of Station:

"STA" is granted with conditions for a period of 60 days from November 14, 2011 through January 13, 2012, to operate a 3.7 meter Ku-band T/R earth station, underlying application SES-LIC-20111104-01319 has been accepted for filing.

Points of Communication:

SES-STA-20111107-01330 E E110162 3003 Moffitt LLC
Special Temporary Authority
Grant of Authority

Date Effective: 11/14/2011

Class of Station:

"STA" granted is granted with conditions for a period of 60 days from November 14, 2011 through January 13, 2012, to operate 6.1 and 9 meter Ku-band T/R earth stations, underlying application SES-LIC-20111104-01318 has been accepted for filing.

Points of Communication:

SES-STA-20111111-01350 E E110166 He's Alive Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 11/15/2011

Class of Station:

Special Temporary Authority is hereby GRANTED for a period of 60 day beginning Novemeber 16, 2011 and ending January 14, 2012 to insure the Public Interest in rural western MD, WV, and PA are served with unique broadcast content only deliverable via satellite. Construction & operation of R/T earth station is sought prior to onset of inclement winter weather.

Points of Communication:

SURRENDER

SES-RWL-20011105-01978 WL52 CC VIII Operating, LLC

License has been surrendered per letter filed on November 10, 2011.

SES-RWL-20101025-01325 E2519 Insight Communications Midwest, LLC

License has been surrendered per letter filed on November 8, 2011.

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