



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00785

Wednesday January 18, 2006

## SATELLITE COMMUNICATIONS SERVICES

### RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

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

SES-AMD-20060111-00035 E E010274 VIASAT, INC.

Amendment

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

Increase quantity of existing VSAT antenna types and add/correct area of operation for VSAT antennas. All other operating parameters remain the same for each VSAT antenna type. This information was implemented into the MOD SES-MOD-20060105-00009 application license.

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
	11700.0000 - 12200.0000 MHz		24M0G7D	
				QPSK, DATA
				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 P

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 U.S.VI			
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

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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 4A  
LOCATION: (0.96 M. VSAT) 5000 UNITS, CONUS, AK HI U.S.VI

ANTENNA ID: 4A	0.96 meters	CHANNEL MASTER	TYPE 960
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: REMOTE 3A  
LOCATION: (2.4 M. VSAT) 1000 UNITS, CONUS, AK HI U.S.VI

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: 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
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

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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

**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 4A - IA-7 - (129)

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**SES-LIC-20051229-01808** E E050399 GCI Communication Corp.  
Application for Authority  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

SITE ID: Cordova  
 LOCATION: Cordova, AK  
 60 ° 29 ' 35.40 " N LAT. 145 ° 28 ' 0.70 " W LONG.

ANTENNA ID:	3.6	3.6 meters	Scientific-Atlanta	8136
3700.0000 - 4200.0000 MHz			45K0G7W	PSK modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz			36M0G7W	PSK modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz			60K0D7W	QAM modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz			36M0D7W	QAM modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz			45K0G7W	51.92 dBW PSK modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz			36M0G7W	67.11 dBW PSK modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz			60K0D7W	53.44 dBW QAM modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz			36M0D7W	67.11 dBW QAM modulation for telephony, facsimile and data

**Points of Communication:**

Cordova - ALSAT - (ALSAT)

**SES-LIC-20060106-00011** E E060003 EchoStar Satellite Operating Corporation

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service

SITE ID: GD3/GD4  
 LOCATION: 800 North America Sky Blvd., Maricopa, Gilbert, AZ  
 33 ° 21 ' 53.60 " N LAT. 111 ° 48 ' 53.60 " W LONG.

ANTENNA ID:	GD3/GD4	9.1 meters	Vertex	9.1 Meter
12200.0000 - 12700.0000 MHz			300KG2D	Telemetry Beacon (TT&C)
12200.0000 - 12700.0000 MHz			24M0M1F	Digital Compressed Video
17300.0000 - 17800.0000 MHz			1M50G2D	87.40 dBW Command Carrier (TT&C)



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17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	Digital Compressed Video
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**Points of Communication:**

GD3/GD4 - EHOSTAR 10 - (110)  
GD3/GD4 - EHOSTAR 2 - (148 W.L.)  
GD3/GD4 - EHOSTAR 3 - (61.5 W.L.)  
GD3/GD4 - EHOSTAR 5 - (129 W.L.)  
GD3/GD4 - EHOSTAR 6 - (110 W.L.)  
GD3/GD4 - EHOSTAR 7 - (119 W.L.)  
GD3/GD4 - EHOSTAR 8 - (110 W.L.)  
GD3/GD4 - EHOSTAR I - (148.0 W.L.)  
GD3/GD4 - RAINBOW1 - (61.5 W.L.)

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**SES-LIC-20060106-00012** E E060004 EchoStar Satellite Operating Corporation

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service

**SITE ID:** TXT3/TXT4

**LOCATION:** 710 Conrads Lane, Comal, New Braunfels, TX  
29 ° 45 ' 35.90 " N LAT.

98 ° 3 ' 48.10 " W LONG.

**ANTENNA ID:** TXT3/TXT4 13.2 meters TIW 13.2 Meter

12200.0000 - 12700.0000 MHz	300KG2D	Telemetry Beacon (TT&C)
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12200.0000 - 12700.0000 MHz	24M0M1F	Digital Compressed Video
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17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)
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17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	Digital Compressed Video
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**Points of Communication:**

TXT3/TXT4 - EHOSTAR 10 - (110)  
TXT3/TXT4 - EHOSTAR 2 - (148 W.L.)  
TXT3/TXT4 - EHOSTAR 3 - (61.5 W.L.)  
TXT3/TXT4 - EHOSTAR 5 - (129 W.L.)

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TXT3/TXT4 - ECHOSTAR 6 - (110 W.L.)

TXT3/TXT4 - ECHOSTAR 7 - (119 W.L.)

TXT3/TXT4 - ECHOSTAR 8 - (110 W.L.)

TXT3/TXT4 - ECHOSTAR I - (148.0 W.L.)

TXT3/TXT4 - RAINBOW1 - (61.5 W.L.)

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**SES-LIC-20060110-00024** E E910651 NATIONAL WEATHER NETWORKS, INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

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

APPLICANT REQUEST AUTHORIZATION TO REPLACE FORMER AUTHORIZATION OF EARTH STATION E910651. THE FACILITY WILL BE EMPLOYED TO TRANSMIT DIGITAL VIDEO, AUDIO AND DATA SERVICES. THE APPLICATION INCLUDES MINOR CORRECTIONS TO PRIOR GEOGRAPHIC COORDINATE INFORMATION FOR ANTENNA LOCATION.

SITE ID: 1

LOCATION: 916 FOLEY ST, HINDS, JACKSON, MS

32 ° 18 ' 31.00 " N LAT.

90 ° 9 ' 54.00 " W LONG.

ANTENNA ID: 1	7 meters	RSI/SATCOM TECHNOLOGIES	700KS
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	82.70 dBW	DIGITAL VIDEO, AUDIO AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20060110-00026** E E060006 NBC Telemundo License Co.

Application for Authority

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: (WCAU)

ANTENNA ID: 1	1.2 meters	AvL Technology	1200
14000.0000 - 14500.0000 MHz	36M0G7W	64.50 dBW	ONE 36 MBIT MCPC DIGITAL CARRIER FOR VOICE/DATA WITH AN EMISSION DESIGNATOR OF 36M0G7W.

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**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20060111-00033** E E060008 NBC Telemundo License Co. **EZ**

Application for Authority

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID: 1	1.5 meters	Vertex/RSI	1.5 SMK
14000.0000 - 14500.0000 MHz	36M0G7W	66.87 dBW	One 36 Mbit MCPC digital carrier for voice/data.

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MFS-20051207-01700** E E970394 EchoStar Satellite Operating Corporation

Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Feeder Link for DBS in Fixed Satellite Service, Other

This modification requests authority to add EchoStar 10 at 110 W.L., and EchoStar 5 at 129 W.L. as points of communication.

SITE ID: 1

LOCATION: 801 NORTH AMERICAN SKY BLVD., MARICOPA, GILBERT #1, AZ  
33 ° 21 ' 55.30 " N LAT. 111 ° 48 ' 49.70 " W LONG.

ANTENNA ID: 1	13 meters	VERTEX	13 KPK
17307.5000 - 17308.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR ECHOSTAR 4
17304.5000 - 17305.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR ECHOSTAR 6
17301.0000 - 17302.0000 MHz	1M00G2D	73.20 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR ECHOSTAR 3
17300.5000 - 17301.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR ECHOSTAR 5

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17300.0000 - 17800.0000 MHz	26M0G7D	87.40 dBW	FEEDERLINK
17300.0000 - 17800.0000 MHz	26M0G7F	87.40 dBW	FEEDERLINK
12698.5000 - 12699.5000 MHz	1M00G2D	0.00 dBW	TT&C FOR ECHOSTAR 3
12698.3500 - 12698.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12202.5000 - 12203.5000 MHz	1M00G2D		TT&C FOR ECHOSTAR 3
12202.3500 - 12202.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12200.5000 - 12201.5000 MHz	1M00G2D		TT&C FOR ECHOSTAR 3
12200.3500 - 12200.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12200.3500 - 12200.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12200.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	TT&C FOR ECHOSTAR 5 AND ECHOSTAR 6
12200.0000 - 12700.0000 MHz	26M0G7D		DBS
12200.0000 - 12700.0000 MHz	26M0G7F		DBS

**Points of Communication:**

- 1 - ECHOSTAR 10 - (110)
- 1 - ECHOSTAR 2 - (148 W.L.)
- 1 - ECHOSTAR 3 - (61.5 W.L.)
- 1 - ECHOSTAR 4 - (157 W.L.)
- 1 - ECHOSTAR 5 - (119 W.L.)
- 1 - ECHOSTAR 5 - (129 W.L.)
- 1 - ECHOSTAR 6 - (110 W.L.)
- 1 - ECHOSTAR 7 - (119 W.L.)
- 1 - ECHOSTAR 8 - (110 W.L.)
- 1 - ECHOSTAR I - (148.0 W.L.)

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**SES-MFS-20051207-01701** E E010241 EchoStar Satellite Operating Corporation  
Modification

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Direct Broadcast Satellite Service, Feeder Link for DBS in Fixed Satellite Service, Other

This modification requests authority to add EchoStar 10 at 110 W.L., a new DBS satellite to be launched in early 2006, EchoStar 5 at 129 W.L., EchoStar 7 at 119 W.L., EchoStar 8 at 110 W.L., and EchoStar 2 at 148 W.L. as points of communication.

SITE ID: 1

LOCATION: 801 NORTH AMERICAN SKY BLVD., MARICOPA, GILBERT, AZ

33 ° 21 ' 56.10 " N LAT.

111 ° 48 ' 50.70 " W LONG.

ANTENNA ID: 1	13 meters	VERTEX	13 KPK
12200.0000 - 12700.0000 MHz	24M0M1F	0.00 dBW	DIGITAL TV
12200.3500 - 12200.6500 MHz	300KG2D	0.00 dBW	TELEMETRY BEACON (TT&C)
12200.3500 - 12202.6500 MHz	300KG2D	0.00 dBW	TELEMETRY BEACON (TT&C)
12698.3500 - 12698.6500 MHz	300KG2D	0.00 dBW	TELEMETRY BEACON (TT&C)
17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	Feeder Link / DIGITAL TV
17308.2500 - 17309.7500 MHz	1M50G2D	77.00 dBW	TELEMETRY BEACON (TT&C)

**Points of Communication:**

1 - EHOSTAR 10 - (110)

1 - EHOSTAR 2 - (119 W.L.)

1 - EHOSTAR 2 - (148 W.L.)

1 - EHOSTAR 3 - (61.5 W.L.)

1 - EHOSTAR 4 - (157 W.L.)

1 - EHOSTAR 5 - (119 W.L.)

1 - EHOSTAR 5 - (129 W.L.)

1 - EHOSTAR 6 - (110 W.L.)

1 - EHOSTAR 7 - (119 W.L.)

1 - EHOSTAR 8 - (110 W.L.)

1 - EHOSTAR I - (148.0 W.L.)

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**SES-MFS-20051207-01703** E E950288 EchoStar Satellite Operating Corporation

Modification

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Direct Broadcast Satellite Service, Feeder Link for DBS in Fixed Satellite Service, Other

This modification requests authority to add EchoStar 10 at 110 W.L., as a point of communication.

**SITE ID:** T3 and T4

**LOCATION:** 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY

41 ° 7 ' 56.00 " N LAT.

104 ° 44 ' 9.00 " W LONG.

<b>ANTENNA ID:</b> 1	13.2 meters	TIW	LMATT 13.2 KU
17790.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
17308.2500 - 17308.7500 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	DIGITAL, COMPRESSED VIDEO
17300.0000 - 17310.0000 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
12698.3500 - 12698.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12690.0000 - 12700.0000 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12202.3500 - 12202.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.3500 - 12200.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.0000 - 12700.0000 MHz	24M0M1F		DIGITAL, COMPRESSED VIDEO
12200.0000 - 12210.0000 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)

**Points of Communication:**

T3 and T4 - ECHOSTAR 10 - (110)

T3 and T4 - ECHOSTAR 2 - (148 W.L.)

T3 and T4 - ECHOSTAR 3 - (61.5 W.L.)

T3 and T4 - ECHOSTAR 4 - (157 W.L.)

T3 and T4 - ECHOSTAR 5 - (119 W.L.)

T3 and T4 - ECHOSTAR 5 - (129 W.L.)

T3 and T4 - ECHOSTAR 6 - (110 W.L.)

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T3 and T4 - ECHOSTAR 7 - (119 W.L.)

T3 and T4 - ECHOSTAR 8 - (110 W.L.)

T3 and T4 - ECHOSTAR I - (148.0 W.L.)

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**SES-MFS-20051207-01705** E E050017 EchoStar Satellite Operating Corporation

Modification

**Class of Station:** Fixed Earth Stations

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

This modification requests authority to add EchoStar 10 at 110 W.L., as a point of communication. In addition, it requests authority to increase the total input power to 1600 W and maximum aggregate EIRP for all carriers to 97 dBW.

**SITE ID:** GT7 & GT8

**LOCATION:** 800 North America Sky Blvd., Maricopa, Gilbert, AZ

33 ° 21 ' 55.90 " N LAT.

111 ° 48 ' 50.00 " W LONG.

<b>ANTENNA ID:</b> GT7	13.2 meters	Vertex/TIW	13.2 Meter
12200.0000 - 12700.0000 MHz	24M0M1F		Data Carrier
17300.0000 - 17800.0000 MHz	300KG7D -	82.10 dBW	Data Carrier
12200.0000 - 12700.0000 MHz	300KG7D -		Data Carrier
17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	Data Carrier
<b>ANTENNA ID:</b> GT8	13.2 meters	Vertex/TIW	13.2 Meter
12200.0000 - 12700.0000 MHz	300KG7D -		Data Carrier
17300.0000 - 17800.0000 MHz	300KG7D -	82.10 dBW	Data Carrier
17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	Data Carrier
12200.0000 - 12700.0000 MHz	24M0M1F		Data Carrier

**Points of Communication:**

GT7 & GT8 - ECHOSTAR 10 - (110)

GT7 & GT8 - ECHOSTAR 2 - (148 W.L.)

GT7 & GT8 - ECHOSTAR 3 - (61.5 W.L.)

GT7 & GT8 - ECHOSTAR 5 - (119 W.L.)

GT7 & GT8 - ECHOSTAR 5 - (129 W.L.)

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GT7 & GT8 - EHOSTAR 6 - (110 W.L.)

GT7 & GT8 - EHOSTAR 7 - (119 W.L.)

GT7 & GT8 - EHOSTAR 8 - (110 W.L.)

GT7 & GT8 - EHOSTAR I - (148.0 W.L.)

GT7 & GT8 - EHOSTAR-4 - (119 W.L.)

GT7 & GT8 - RAINBOW1 - (61.5 W.L.)

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**SES-MFS-20051221-01780** E E050169 PanAmSat Licensee Corp.

Modification

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

Modification filed to add Hawaii, Alaska, and Puerto Rico as points of communication to which the subject facility can communicate over the Horizons I satellite.

SITE ID: 96QS

LOCATION: CONUS 200 (.96 m antennas) Hawaii, Alaska, and Puerto Rico, Same

ANTENNA ID: 96QS	0.96 meters	Channel Master (AVL Technologies)	960 AVSAT
14000.0000 - 14500.0000 MHz	830KG1W	44.20 dBW	IP Video & Data
11700.0000 - 12200.0000 MHz	3M00G7W		
14000.0000 - 14500.0000 MHz	6M66G1W	50.20 dBW	IP Video & Data
11700.0000 - 12200.0000 MHz	36M0G7W		

SITE ID: 100QS

LOCATION: CONUS 200 (1 m antennas), Same

ANTENNA ID: 100QS	1 meters	Prodelin	1000 iSNG
14000.0000 - 14500.0000 MHz	7M40G1W	50.60 dBW	IP Video & Data
11700.0000 - 12200.0000 MHz	36M0G7W		
11700.0000 - 12200.0000 MHz	3M00G7W		
14000.0000 - 14500.0000 MHz	910KG1W	44.60 dBW	IP Video & Data

SITE ID: 120QS

LOCATION: CONUS 200 (1.2 m antennas), Same



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ANTENNA ID:	120QS	1.2 meters	Prodelin	1210 USA
	14000.0000 - 14500.0000 MHz	1M25G1W	45.90 dBW	IP Video & Data
	11700.0000 - 12200.0000 MHz	36M0G7W		
	14000.0000 - 14500.0000 MHz	10M3G1W	51.90 dBW	IP Video & Data
	11700.0000 - 12200.0000 MHz	3M00G7W		

SITE ID: HUB (11 m antenna)  
LOCATION: 2857 Fork Creek Church Rd, Dekalb, Ellenwood, GA  
33 ° 39 ' 59.00 " N LAT. 84 ° 16 ' 19.00 " W LONG.

ANTENNA ID:	AK-5	11 meters	Vertex	11KPK
	0.0000 - 0.0000 MHz	0		
	11700.0000 - 12200.0000 MHz	10M3G1W		
	11700.0000 - 12200.0000 MHz	36M0G7W		
	11700.0000 - 12200.0000 MHz	3M00G7W		
	0.0000 - 0.0000 MHz	0		
	14000.0000 - 14500.0000 MHz	36M0G7W	78.30 dBW	VSAT Hub IP video and data
	0.0000 - 0.0000 MHz	0		
	0.0000 - 0.0000 MHz	0		
	11700.0000 - 12200.0000 MHz	540KG1W		
	14000.0000 - 14500.0000 MHz	3M00G7W	75.00 dBW	Digital video and data

SITE ID: 75QS  
LOCATION: CONUS 200 (.75 m antennas)

ANTENNA ID:	75QS	0.75 meters	Channel Master (AVL Technologies)	750 iMoVSAT
	11700.0000 - 12200.0000 MHz	3M00G7W		
	14000.0000 - 14500.0000 MHz	540KG1W	42.30 dBW	IP Video & Data
	14000.0000 - 14500.0000 MHz	4M33G1W	48.40 dBW	IP Video & Data
	11700.0000 - 12200.0000 MHz	36M0G7W		

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**Points of Communication:**

100QS - HORIZONS 1 - (127 DEG WL)

120QS - HORIZONS 1 - (127 DEG WL)

75QS - HORIZONS 1 - (127 DEG WL)

96QS - HORIZONS 1 - (127 DEG WL)

HUB (11 m antenna) - ALSAT - (ALSAT)

HUB (11 m antenna) - HORIZONS 1 - (127 DEG WL)

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**SES-MOD-20051213-01731** E E000102 New Skies Networks, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification filed to add a 3.7 meter antenna and related services.

**SITE ID:** Manassas

**LOCATION:** 8031 Piney Branch Lane, Prince William, Bristow, VA

38 ° 47 ' 0.50 " N LAT.

77 ° 34 ' 22.80 " W LONG.

ANTENNA ID:	1	8.1 meters	Vertex	KPK	
14498.2500 - 14499.7500 MHz			940KF1D	83.00 dBW	FM, Telecommand Frequency 2
14495.2500 - 14496.7500 MHz			940KF1D	83.00 dBW	FM, Telecommand Frequency 1
14000.0000 - 14500.0000 MHz			36M0F3F	86.00 dBW	Video Carrier
14000.0000 - 14500.0000 MHz			36M0G7W	85.40 dBW	Digital and Data Carriers
14000.0000 - 14500.0000 MHz			11K0G7W	50.20 dBW	Digital and Data Carriers
14000.0000 - 14500.0000 MHz			36M0G7W	85.40 dBW	Digital video QPSK (Correct licene)
11453.7500 - 11454.2500 MHz			500KG7D		PM, Telemetry Beacon 2
11450.7500 - 11451.2500 MHz			500KG7D		PM, Telemetry Beacon 1
11450.0000 - 12200.0000 MHz			36M0G7W		Digital and Data Carriers
11450.0000 - 12200.0000 MHz			11K0G7W		Digital and Data Carriers
11450.0000 - 12200.0000 MHz			36M0F3F		Video Carrier

10950.0000 - 11200.0000 MHz	36M0F3F		Video Carrier
10950.0000 - 11200.0000 MHz	36M0G7W		Digital and Data Carriers
10950.0000 - 11200.0000 MHz	11K0G7W		Digital and Data Carriers
4199.5000 - 4199.5000 MHz	NON		CW, Tracking Beacon
ANTENNA ID: 3.7M	3.7 meters	AFC	PR-12
11700.0000 - 12200.0000 MHz	51K2G7W		Digital traffic, various information, various data rates, various FEC
11700.0000 - 12200.0000 MHz	8M00G7W		Digital traffic, various information, various data rates, various FEC
14000.0000 - 14500.0000 MHz	51K2G7W	49.19 dBW	Digital traffic, various information, various data rates, various FEC
14000.0000 - 14500.0000 MHz	8M00G7W	69.19 dBW	Digital traffic, various information, various data rates, various FEC

**Points of Communication:**

- Manassass - ALSAT - (ALSAT)
- Manassass - New Skies 806 - (319.5 E.L.)
- Manassass - New Skies K - (338.5 E.L.)
- Manassass - NSS-5 - (183 E.L.)

**SES-MOD-20051222-01786** E E880833 Syracuse University

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification filed to relocate earth station and to change emission designator.

SITE ID: 1

LOCATION: ONONDAGA, SYRACUSE, NY

43 ° 2 ' 24.00 " N LAT.

76 ° 8 ' 12.00 " W LONG.

ANTENNA ID: SU-1	4.5 meters	SCIENTIFIC-ATLANTA	V5TR-K
14000.0000 - 14500.0000 MHz	36M0F8F	79.07 dBW	5MBPS, QPSK, DVD, MEP2
11700.0000 - 12200.0000 MHz	36M0F8F		5MBPS, QPSK, DVD, MEP2

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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SES-MOD-20060105-00009 E E010274 VIASAT, INC.

Application for Modification

**Class of Station:** VSAT Network

**Nature of Service:** Domestic Fixed Satellite Service

"MOD" to add a Andrew Type 100TX 1.0 meter class antenna to the list of authorized antennas for this license, and in addition to this modification an amendment SES-AMD-20060111-00035 was filed to increase antenna quantities and add/correct area of operation information to this existing MOD license.

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
	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, U.S.,

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

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

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: 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
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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 2A  
LOCATION: (1.8 M. VSAT) 7000 UNITS, CONUS, AK HI U.S.VI,

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 U.S.VI,



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 U.S.VI,			
ANTENNA ID: 4A	0.96 meters	CHANNEL MASTER	TYPE 960
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

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14000.0000 - 14500.0000 MHz	400KG7D	45.80 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)

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**SES-MOD-20060106-00014** E E940534 ORBCOMM License Corp.

Application for Modification

**Class of Station:** Other

**Nature of Service:** Other

Modification filed to increase the maximum number of subscriber transceivers allowed under its blanket license from 200,000 to 1,000,000 to accommodate escalating customer demand.

SITE ID: Blanket Sub License

LOCATION: 21700 Atlantic Boulevard, Fairfax, Dulles, VA

ANTENNA ID: 1	1 meters	VARIOUS	DIPOLE
148.0000 - 149.9000 MHz	5K00G1D	7.00 dBW	SDPSK/FDMA
ANTENNA ID: WHIP 1/2		VARIOUS	VARIOUS
13700.0000 - 13800.0000 MHz	5K00G1D	7.00 dBW	S-DPSK
148.0000 - 150.0500 MHz	5K00G1D	7.00 dBW	S-DPSK

ANTENNA ID: WHIP 1/2	VARIOUS	VARIOUS
ANTENNA ID: WHIP 1/4	VARIOUS	VARIOUS
13700.0000 - 13800.0000 MHz	5K00G1D	7.00 dBW S-DPSK
14800.0000 - 150.0500 MHz	5K00G1D	7.00 dBW S-DPSK
ANTENNA ID: WHIP 1/4	VARIOUS	VARIOUS
ANTENNA ID: FLAT PANE	VARIOUS	VARIOUS
13700.0000 - 13800.0000 MHz	5K00G1D	7.00 dBW S-DPSK
14800.0000 - 150.0500 MHz	5K00G1D	7.00 dBW S-DPSK
ANTENNA ID: FLAT PANE	VARIOUS	VARIOUS
ANTENNA ID: HELIX	VARIOUS	VARIOUS
13700.0000 - 13800.0000 MHz	5K00G1D	7.00 dBW S-DPSK
14800.0000 - 150.0500 MHz	5K00G1D	7.00 dBW S-DPSK
ANTENNA ID: HELIX	VARIOUS	VARIOUS

**Points of Communication:**

Blanket Sub License - ORBCOMM -

**SES-MOD-20060106-00015** E E890949 QUALCOMM Incorporated  
 Application for Modification  
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

"MOD" to increase EIRP and add new emission designator.

SITE ID: 1  
 LOCATION: 5445 MOREHOUSE DRIVE, SAN DIEGO, SAN DIEGO, CA  
 32 ° 53 ' 41.00 " N LAT. 117 ° 11 ' 41.00 " W LONG.

ANTENNA ID: 1	4.6 meters	VERTEX	4.57 KPK
14000.0000 - 14500.0000 MHz	36M0F3F	64.06 dBW	
14000.0000 - 14500.0000 MHz	2M00G1D	64.06 dBW	

14000.0000 - 14500.0000 MHz	11M0G7W	67.00 dBW	VIDEO AND DATA - MEDIAFLO SERVICE
11700.0000 - 12200.0000 MHz	48M0F1D		
11700.0000 - 12200.0000 MHz	11M0G7W		VIDEO AND DATA - MEDIAFLO SERVICE
14000.0000 - 14500.0000 MHz	35M1G7W	74.80 dBW	VIDEO AND DATA - MEDIAFLO SERVICE
11700.0000 - 12200.0000 MHz	35M1G7W		VIDEO AND DATA - MEDIAFLO SERVICE

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20060111-00036** E E860424 WGGB LICENSEE, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

"MOD" for a receive-only earth station registration to add points of communication on site information, some technical data, and change existing emission designators.

SITE ID: 1

LOCATION: 1300 LIBERITY STREET (WGGB), HAMPDEN, SPRINGFIELD, MA

42 ° 8 ' 16.30 " N LAT.

72 ° 35 ' 1.30 " W LONG.

ANTENNA ID: 1-4.5M.	4.5 meters	ANDREW CORPORATION	ESA45-4
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		COMPRESSED DIGITAL VIDEO
ANTENNA ID: 2-7.3M.	7.3 meters	ANDREW CORPORATION	ESA73-46
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		COMPRESSED DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-REG-20060110-00031** E E060007 NORTH CAROLINA BROADCASTING PARTNERS

Registration

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1 TELEVISION PLACE (WCCB), MECKLENBURG, CHARLOTTE, NC  
35 ° 12 ' 15.50 " N LAT. 80 ° 47 ' 53.30 " W LONG.

ANTENNA ID: 1	10 meters	Scientific-Atlanta	8002
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		COMPRESSED DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20060111-00034** E E060009 LAKE SUPERIOR COMMUNITY BROADCASTING CORPORATION  
Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 2025 US 41 WEST (WBUP), MARQUETTE, MARQUETTE, MI  
46 ° 32 ' 48.90 " N LAT. 87 ° 25 ' 59.70 " W LONG.

ANTENNA ID: 4.5M.	4.5 meters	ANDREW CORPORATION	ESA45-45A
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		COMPRESSED DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20060112-00037** E E060010 WCHS Licensee, LLC  
Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1301 PIEDMONT (WCHS), KANAWHA, CHARLESTON, WV  
38 ° 20 ' 54.00 " N LAT. 81 ° 37 ' 7.00 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW CORP.	ESA45-46A
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO

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3700.0000 - 4200.0000 MHz

36M0G7F

COMPRESSED DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20060113-00040** E E060011 Cedar Rapids Television Company, KCRG-TV & AM  
Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 500 3RD AVE SE (KCRB), LINN, CEDAR RAPIDS, IA

41 ° 58 ' 45.00 " N LAT.

91 ° 39 ' 50.00 " W LONG.

ANTENNA ID: 1

4.5 meters

ANDREW CORP.

ESA45-4

3700.0000 - 4200.0000 MHz

36M0F3F

STANDARD ANALOG VIDEO

3700.0000 - 4200.0000 MHz

36M0G7F

COMPRESSED DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20060116-00042** E E060012 Chelsey Broadcasting Company of Youngstown, LLC  
Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: WYTV

LOCATION: 3800 Shady Run Road, Mahoming, Youngstown, OH

41 ° 3 ' 42.20 " N LAT.

80 ° 38 ' 6.30 " W LONG.

ANTENNA ID: 4.5M

4.5 meters

Andrew Corp.

ESA45-46A

3700.0000 - 4200.0000 MHz

36M0G7F

Compressed Digital Video

3700.0000 - 4200.0000 MHz

36M0F3F

Standard Analog Video

**Points of Communication:**

WYTV - ALSAT - (ALSAT)

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