



# PUBLIC NOTICE

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

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News media information 202-418-0500  
Fax-On-Demand 202-418-2830; Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

**Report No. SES-00881**

**Wednesday December 13, 2006**

## 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.

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**SES-ASG-20061027-01904** E E020101 LORAL SPACECOM CORPORATION

Application for Consent to Assignment

Grant of Authority

Date Effective: 11/17/2006

**Current Licensee:** Loral SpaceCom Corporation

**FROM:** LORAL SPACECOM CORPORATION

**TO:** Loral Skynet Network Services, Inc.

No. of Station(s) listed: 2

The above application appeared on Report No. SES-00874, released November 22, 2006 as accepted in error. This application should have been on Report No. SES-00875, released November 22, 2006 as action taken. The effective grant date is November 17, 2006.

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**SES-ASG-20061128-02055** E E040106 MEDIA GENERAL COMMUNICATIONS, INC.

Application for Consent to Assignment

Grant of Authority

Date Effective: 12/12/2006

**Current Licensee:** MEDIA GENERAL BROADCASTING, INC.

**FROM:** MEDIA GENERAL BROADCASTING, INC.

**TO:** MEDIA GENERAL COMMUNICATIONS HOLDINGS, LLC

No. of Station(s) listed: 6

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**SES-ASG-20061128-02056** E E050086 MEDIA GENERAL COMMUNICATIONS, INC.

Application for Consent to Assignment

Grant of Authority

Date Effective: 12/08/2006

**Current Licensee:** MEDIA GENERAL COMMUNICATIONS, INC.

**FROM:** MEDIA GENERAL COMMUNICATIONS, INC.

**TO:** MEDIA GENERAL COMMUNICATIONS HOLDINGS, LLC

No. of Station(s) listed: 7

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**SES-ASG-20061128-02057** E E000732 MEDIA GENERAL COMMUNICATIONS, INC.  
Application for Consent to Assignment  
Grant of Authority Date Effective: 12/08/2006

**Current Licensee:** MEDIA GENERAL COMMUNICATIONS, INC.  
**FROM:** MEDIA GENERAL COMMUNICATIONS, INC.  
**TO:** MEDIA GENERAL COMMUNICATIONS HOLDINGS, LLC

No. of Station(s) listed: 9

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**SES-ASG-20061128-02058** E E030220 MEDIA GENERAL BROADCASTING OF SOUTH CAROLINA HOLDINGS  
Application for Consent to Assignment  
Grant of Authority Date Effective: 12/08/2006

**Current Licensee:** MEDIA GENERAL BROADCASTING OF SOUTH CAROLINA HOLDINGS, INC.  
**FROM:** MEDIA GENERAL BROADCASTING OF SOUTH CAROLINA HOLDINGS, INC.  
**TO:** MEDIA GENERAL COMMUNICATIONS HOLDINGS, LLC

No. of Station(s) listed: 6

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**SES-ASG-20061128-02059** E E060032 MEDIA GENERAL BROADCASTING OF SOUTH CAROLINA HOLDINGS  
Application for Consent to Assignment  
Grant of Authority Date Effective: 12/12/2006

**Current Licensee:** MEDIA GENERAL BROADCASTING OF SOUTH CAROLINA HOLDINGS, INC.  
**FROM:** MEDIA GENERAL BROADCASTING OF SOUTH CAROLINA HOLDINGS, INC.  
**TO:** MEDIA GENERAL COMMUNICATIONS HOLDINGS, LLC

No. of Station(s) listed: 5

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**SES-ASG-20061201-02080** E E870510 PIEDMONT TELEVISION OF YOUNGSTOWN LICENSE LLC  
Application for Consent to Assignment  
Grant of Authority Date Effective: 12/07/2006

**Current Licensee:** PIEDMONT TELEVISION OF YOUNGSTOWN LICENSE LLC  
**FROM:** PIEDMONT TELEVISION OF YOUNGSTOWN LICENSE, LLC  
**TO:** NVT YOUNGSTOWN LICENSEE, LLC

No. of Station(s) listed: 1

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**SES-ASG-20061205-02093** E E060054 PIEDMONT TELEVISION OF HUNTSVILLE LICENSE LLC  
Application for Consent to Assignment  
Grant of Authority Date Effective: 12/12/2006

**Current Licensee:** PIEDMONT TELEVISION OF HUNTSVILLE LICENSE LLC  
**FROM:** PIEDMONT TELEVISION OF HUNTSVILLE LICENSE LLC  
**TO:** HUNTSVILLE BROADCAST CORPORATION

No. of Station(s) listed: 1

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**SES-ASG-INTR2006-03274 E**  
Application for Consent to Assignment  
Withdrawn

Gannett Georgia, L.P.

Date Effective: 12/12/2006

**Current Licensee:** Gannett Georgia L.P.  
**FROM:** Gannett Co., Inc.  
**TO:** Pacific and Southern Company, Inc.

No. of Station(s) listed: 1

**SES-LIC-20060905-01663 E E060351**  
Application for Authority  
Grant of Authority

Loral Skynet Network Services, Inc.

12/12/2006 - 12/12/2021

Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 4.6 T14

**LOCATION:** 1305 Industrial Park Road, Shenandoah, Mt. Jackson, VA

38 ° 43 ' 42.00 " N LAT.

78 ° 39 ' 28.00 " W LONG.

<b>ANTENNA ID:</b> 4.6 T14	4.6 meters	Vertex	4.6M KPC
11700.0000 - 12200.0000 MHz	480KG7D	0.00 dBW	640 kbps QPSK, FEC TPC .667 TDMA
11700.0000 - 12200.0000 MHz	319KG7D		425 kbps QPSK, FEC TPC .667 TDMA
14000.0000 - 14500.0000 MHz	2M13G1D	61.80 dBW	2110 kbps QPSK, FEC TPC .495 SCPC
11700.0000 - 12200.0000 MHz	2M13G1D		2110 kbps QPSK, FEC TPC .495 SCPC
11700.0000 - 12200.0000 MHz	1M22G1D		1300 kbps QPSK, FEC TPC .553 SCPC
14000.0000 - 14500.0000 MHz	1M22G1D	59.80 dBW	1300 kbps QPSK, FEC TPC .553 SCPC
11700.0000 - 12200.0000 MHz	1M07G7D		1695 kbps QPSK, FEC TPC .793 TDMA

**Points of Communication:**

4.6 T14 - ALSAT - (ALSAT)

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**SES-LIC-20061002-01792** E E890805 Grand Valley State University **EZ**  
Application for Authority 12/06/2006 - 12/06/2021  
Grant of Authority Date Effective: 12/06/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 4465 Pierce Street, Ottawa, Allendale, MI  
42 ° 57 ' 33.00 " N LAT. 85 ° 53 ' 45.00 " W LONG.

ANTENNA ID: 1	7 meters	Scientific Atlanta	8010K
14000.0000 - 14500.0000 MHz	36M0F3F	81.28 dBW	Video, Audio
11700.0000 - 12200.0000 MHz	36M0F3F		Video, Audio
14000.0000 - 14500.0000 MHz	36M0G1W	81.28 dBW	Video, Audio, Data
11700.0000 - 12200.0000 MHz	36M0G1W		Video, Audio, Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20061027-01892** E E060389 Pivotal Satellite Technologies, Inc. **EZ**  
Application for Authority 12/06/2006 - 12/06/2021  
Grant of Authority Date Effective: 12/06/2006

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

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

SITE ID: MCP001  
LOCATION: VARIOUS

ANTENNA ID: ANT1	1.8 meters	VERTEX RSI	SMK-LT
14000.0000 - 14500.0000 MHz	9M00G7W	64.35 dBW	QPSK DIGITAL VIDEO AND AUDIO BROADCASTS
11700.0000 - 12200.0000 MHz	9M00G7W		QPSK DIGITAL VIDEO AND AUDIO BROADCASTS

**Points of Communication:**

MCP001 - PERMITTED LIST - ()

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**SES-LIC-20061030-01915** E E060391 Horizon Christian Fellowship  
Application for Authority  
Grant of Authority

**EZ**  
12/06/2006 - 12/06/2021  
Date Effective: 12/06/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 123 FIRST STREET MINOT BUILDING, WARD, MINOT, ND  
48 ° 14 ' 4.00 " N LAT. 101 ° 17 ' 39.00 " W LONG.

ANTENNA ID: One	2.4 meters	Andrew	Type 243, Class III
14000.0000 - 14500.0000 MHz	1M87G7W	58.02 dBW	MCPC digital encoded audio and data @ 2.1Mbps, QPSK, 3/4 FEC
11700.0000 - 12200.0000 MHz	1M87G7W		MCPC digital encoded audio and data @ 2.1Mbps, QPSK, 3/4 FEC

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20061030-01924** E E060397 NBC Telemundo License Co.  
Application for Authority  
Grant of Authority

12/11/2006 - 12/11/2021  
Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 3000 West Alameda Avenue, Los Angeles, Burbank, CA  
34 ° 9 ' 11.00 " N LAT. 118 ° 20 ' 2.00 " W LONG.

ANTENNA ID: 1	9.1 meters	Andrew Corporation	ESA 9.1
3700.0000 - 4200.0000 MHz	4M00G7W		Digital Video, Audio, and Data
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, and Data
5925.0000 - 5991.9000 MHz	4M00G7W	70.90 dBW	Digital Video, Audio, and Data
5925.0000 - 5991.9000 MHz	36M0G7W	80.40 dBW	Digital Video, Audio, and Data
6079.0000 - 6098.0000 MHz	4M00G7W	70.90 dBW	Digital Video, Audio, and Data
6079.0000 - 6098.0000 MHz	18M0G7W	77.40 dBW	Digital Video, Audio, and Data

6148.2000 - 6425.0000 MHz	4M00G7W	70.90 dBW	Digital Video, Audio, and Data
6148.2000 - 6425.0000 MHz	36M0G7W	80.40 dBW	Digital Video, Audio, and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-LIC-20061030-01926** E E060398 CRAWFORD COMMUNICATIONS INC.  
 Application for Authority 12/11/2006 - 12/11/2021  
 Grant of Authority Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: 3845 PLEASANTDALE ROAD, DEKALB, ATLANTA, GA  
 33 ° 53 ' 46.80 " N LAT. 84 ° 14 ' 18.80 " W LONG.

ANTENNA ID: 1	9 meters	VERTEX COMM.	KPC
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video with Associated Audio Sub-carriers
3700.0000 - 4200.0000 MHz	51K2G7W		BPSK, QPSK, 8PSK, QAM, FEC Rates 1/2 - 7/8, Various Data Rates from 64 kbps, Various Information
3700.0000 - 4200.0000 MHz	36M0G7W		BPSK, QPSK, 8PSK, QAM, FEC Rates 1/2 - 7/8, Various Data Rates to 45 Mbps, Various Information
3700.0000 - 4200.0000 MHz	3M00G1F		Compressed Digital Video
3700.0000 - 4200.0000 MHz	36M0G1F		Compressed Digital Video
5925.0000 - 6425.0000 MHz	36M0F3F	80.00 dBW	Standard Video with Associated Audio Sub-carriers
5925.0000 - 6425.0000 MHz	51K2G7W	61.80 dBW	BPSK, QPSK, 8PSK, QAM, FEC Rates 1/2 - 7/8, Various Data Rates from 64 kbps, Various Information
5925.0000 - 6425.0000 MHz	36M0G7W	80.00 dBW	BPSK, QPSK, 8PSK, QAM, FEC Rates 1/2 - 7/8, Various Data Rates to 45 Mbps, Various Information
5925.0000 - 6425.0000 MHz	3M00G1F	76.50 dBW	Compressed Digital Video
5925.0000 - 6425.0000 MHz	36M0G1F	80.00 dBW	Compressed Digital Video

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**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20061031-01927** E E060399 EchoStar Satellite Operating Corporation  
Application for Authority 12/12/2006 - 12/12/2021  
Grant of Authority Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Gilbert, Arizona

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

33 ° 22 ' 0.60 " N LAT.

111 ° 48 ' 49.20 " W LONG.

<b>ANTENNA ID:</b> GC3	9 meters	Vertex	9 KPC
3700.0000 - 4200.0000 MHz	1M00F2D		Digital Data
3700.0000 - 4200.0000 MHz	82K0F3N		Analog SCPC Carrier
3700.0000 - 4200.0000 MHz	750KF2D		Digital Data
3700.0000 - 4200.0000 MHz	36M0F8F		Analog Video
3700.0000 - 4200.0000 MHz	36M0G7F		Compressed Digital Video
5925.0000 - 5929.0000 MHz	1M00F2D	74.80 dBW	Digital Data
5961.0000 - 5988.0000 MHz	1M00F2D	74.80 dBW	Digital Data
6020.0000 - 6028.0000 MHz	1M00F2D	74.80 dBW	Digital Data
6040.0000 - 6077.0000 MHz	1M00F2D	74.80 dBW	Digital Data
6109.0000 - 6181.0000 MHz	1M00F2D	74.80 dBW	Digital Data
6420.0000 - 6422.5000 MHz	1M00F2D	74.80 dBW	Digital Data
5925.0000 - 5929.0000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier
6020.0000 - 6028.0000 MHz	82K0F2N	58.40 dBW	Analog SCPC Carrier
6040.0000 - 6077.0000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier
6109.0000 - 6181.0000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier
6420.0000 - 6422.5000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier

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5925.0000 - 5929.0000 MHz	750KF2D	73.50 dBW	Digital Data
5961.0000 - 5988.0000 MHz	750KF2D	73.50 dBW	Digital Data
6020.0000 - 6028.0000 MHz	750KF2D	73.50 dBW	Digital Data
6040.0000 - 6077.0000 MHz	750KF2D	73.50 dBW	Digital Data
6109.0000 - 6181.0000 MHz	750KF2D	73.50 dBW	Digital Data
6420.0000 - 6422.5000 MHz	750KF2D	73.50 dBW	Digital Data
6040.0000 - 6077.0000 MHz	36M0F8F	77.30 dBW	Analog Video
6109.0000 - 6181.0000 MHz	36M0F8F	77.30 dBW	Analog Video
6040.0000 - 6077.0000 MHz	36M0G7F	77.30 dBW	Compressed Digital Video
6109.0000 - 6181.0000 MHz	36M0G7F	77.30 dBW	Compressed Digital Video
5961.0000 - 5988.0000 MHz	82K0F3N	58.40 dBW	Analog SCPC Carrier

**Points of Communication:**

Gilbert, Arizona - ALSAT - (ALSAT)

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**SES-LIC-20061103-01947** E E060400 GRAY TELEVISION LICENSEE, INC.

Application for Authority

12/11/2006 - 12/11/2021

Grant of Authority

Date Effective: 12/11/2006

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

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

SITE ID: 1

LOCATION: P.O. BOX 468 WASHINGTON, NC 27889, VARIOUS

ANTENNA ID: 1                      1.2 meters              AVL TECHNOLOGIES                      1200 SNG

14000.0000 - 14500.0000 MHz              36M0G7W              64.50 dBW                      MCPC DIGITAL CARRIER  
VIDEO/VOICE/DATA.

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20061103-01948** E E060401 GRAY TELEVISION LICENSEE, INC.  
Application for Authority 12/11/2006 - 12/11/2021  
Grant of Authority Date Effective: 12/11/2006

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

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

SITE ID: 1  
LOCATION: P.O. BOX 1299 HAZARD, KY 41702, VARIOUS

ANTENNA ID: 1 1.2 meters AVL TECHNOLOGIES 1200 SNG  
14000.0000 - 14500.0000 MHz 36M0G7W 64.50 dBW MCPC DIGITAL CARRIER FOR VIDEO/VOICE/DATA.

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20061103-01949** E E060402 GRAY TELEVISION LICENSEE, INC.  
Application for Authority 12/11/2006 - 12/11/2021  
Grant of Authority Date Effective: 12/11/2006

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1801 Halstead Blvd., Tallahassee, FL

ANTENNA ID: 1 1.2 meters AvL Technologies 1200 SNG  
14000.0000 - 14500.0000 MHz 36M0G7W 64.50 dBW MCPC digital carrier for video/voice/data.

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20061103-01951** E E060403 GRAY TELEVISION LICENSEE, INC.  
Application for Authority 12/11/2006 - 12/11/2021  
Grant of Authority Date Effective: 12/11/2006

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 815 23rd Avenue, Meridian, MS

ANTENNA ID: 1	1.2 meters	AvL Technologies	1200 SNG
14000.0000 - 14500.0000 MHz	36M0G7W	64.50 dBW	MCPC digital carrier for video/voice/data.

**Points of Communication:**

1 - ALSAT - (ALSAT)

<b>SES-MFS-20060224-00295</b> E E980250	Loral Skynet Network Services, Inc.
Modification	12/05/2000 - 12/05/2010
Grant of Authority	Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

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

Application is GRANTED by Order and Authorization, DA 06-2488, released December 11, 2006.

SITE ID: 1  
 LOCATION: 91-340 FARRINGTON HIGHWAY, HONOLULU, KAPOLEI, HI  
 21 ° 20 ' 12.60 " N LAT. 158 ° 5 ' 21.10 " W LONG.

ANTENNA ID: 1	13 meters	VERTEX	13KPC
6689.0000 - 6699.0000 MHz	51K2G7D-	46.00 dBW	Digital Data
6689.0000 - 6699.0000 MHz	36M0G7D	74.50 dBW	Digital Data
6689.0000 - 6699.0000 MHz	51K2G7W-	46.00 dBW	Digital Data, Combination of Carriers
6689.0000 - 6699.0000 MHz	36M0G7W	74.50 dBW	Digital Data, Combination of Carriers
6587.0000 - 6687.0000 MHz	51K2G7D-	46.00 dBW	Digital Data
6587.0000 - 6687.0000 MHz	36M0G7D	74.50 dBW	Digital Data
6587.0000 - 6687.0000 MHz	51K2G7W-	46.00 dBW	Digital Data, Combination of Carriers
6587.0000 - 6687.0000 MHz	36M0G7W	74.50 dBW	Digital Data, Combination of Carriers
5925.0000 - 6425.0000 MHz	882KG7D	64.00 dBW	Digital Data
5925.0000 - 6425.0000 MHz	36M0G7W	80.00 dBW	Digital Multiplex, QPSK / data, voice & video
5925.0000 - 6425.0000 MHz	50K0G1W	51.50 dBW	Digital SCPC, QPSK / data, voice & video

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5925.0000 - 6425.0000 MHz	960KF2D	82.80 dBW	Tracking, Control and In Orbit Testing
5925.0000 - 6425.0000 MHz	1M00N0N	77.60 dBW	Tracking, Control and In Orbit Testing
4199.0000 - 4199.0000 MHz	960KF2D		Tracking, Control and In Orbit Testing
4199.0000 - 4199.0000 MHz	1M00N0N		Tracking, Control and In Orbit Testing
3700.0000 - 4200.0000 MHz	882KG7D		Digital Data
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex, QPSK / data, voice & video
3700.0000 - 4200.0000 MHz	50K0G1W		Digital SCPC, QPSK / data, voice & video
3700.0000 - 4200.0000 MHz	960KF2D		Tracking, Control and In Orbit Testing
3700.0000 - 4200.0000 MHz	1M00N0N		Tracking, Control and In Orbit Testing
3700.0000 - 4200.0000 MHz	36M0F9W		Analog TV/FM with associated audio subcarriers
3700.0000 - 4200.0000 MHz	360KG7W		Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps
5925.0000 - 6425.0000 MHz	36M0F9W	80.60 dBW	Analog TV/FM with associated audio subcarriers
5925.0000 - 6425.0000 MHz	360KG7W	60.00 dBW	Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps
5925.0000 - 6425.0000 MHz	36M0G7W	80.00 dBW	Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps
6425.0000 - 6650.0000 MHz	36M0F9W	82.80 dBW	Analog TV/FM with associated audio carriers
6425.0000 - 6650.0000 MHz	36M0G7W	80.00 dBW	QPSK, FEC 7/8, Data, Voice & Video 48.38 kbps
6425.0000 - 6650.0000 MHz	360KG7W	60.00 dBW	QPSK, FEC 1/2 FEC, Data, Voice & Video 256 kbps

3700.0000 - 4200.0000 MHz	36M0G7W		QPSK, FEC 7/8, Data, Voice & Video 48.38 kbps
3700.0000 - 4200.0000 MHz	360KG7W		QPSK, FEC 1/2 FEC, Data, Voice & Video 256 kbps
5850.0000 - 5925.0000 MHz	36M0F9W	82.80 dBW	Analog TV/FM with associated audio subcarriers
3625.0000 - 3650.0000 MHz	36M0F9W		Analog TV/FM with associated audio subcarriers
3650.0000 - 3700.0000 MHz	36M0F9W		Analog TV/FM with associated audio subcarriers
5850.0000 - 5925.0000 MHz	360KG7W	60.00 dBW	Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps
3625.0000 - 3650.0000 MHz	360KG7W		Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps
3659.0000 - 3700.0000 MHz	360KG7W		Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps
5850.0000 - 5925.0000 MHz	36M0G7W	80.00 dBW	Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps
3625.0000 - 3650.0000 MHz	36M0G7W		Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps
3650.0000 - 3700.0000 MHz	36M0G7W		Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps

**Points of Communication:**

1 - APSTAR V - (138 E.L.)

1 - Mabuhay (AGILA 2) - (146 E.L.)

**SES-MFS-20060412-00619** E E980250 Loral Skynet Network Services, Inc.

Modification

12/05/2000 - 12/05/2010

Grant of Authority

Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

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

Application is GRANTED by Order and Authorization, DA 06-2488, released December 11, 2006.

SITE ID: 1  
 LOCATION: 91-340 FARRINGTON HIGHWAY, HONOLULU, KAPOLEI, HI  
 21 ° 20 ' 12.60 " N LAT. 158 ° 5 ' 21.10 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13KPC
6689.0000 - 6699.0000 MHz	51K2G7D-	46.00 dBW	Digital Data	
6689.0000 - 6699.0000 MHz	36M0G7D	74.50 dBW	Digital Data	
6689.0000 - 6699.0000 MHz	51K2G7W-	46.00 dBW	Digital Data, Combination of Carriers	
6689.0000 - 6699.0000 MHz	36M0G7W	74.50 dBW	Digital Data, Combination of Carriers	
6587.0000 - 6687.0000 MHz	51K2G7D-	46.00 dBW	Digital Data	
6587.0000 - 6687.0000 MHz	36M0G7D	74.50 dBW	Digital Data	
6587.0000 - 6687.0000 MHz	51K2G7W-	46.00 dBW	Digital Data, Combination of Carriers	
6587.0000 - 6687.0000 MHz	36M0G7W	74.50 dBW	Digital Data, Combination of Carriers	
5925.0000 - 6425.0000 MHz	882KG7D	64.00 dBW	Digital Data	
5925.0000 - 6425.0000 MHz	36M0G7W	80.00 dBW	Digital Multiplex, QPSK / data, voice & video	
5925.0000 - 6425.0000 MHz	50K0G1W	51.50 dBW	Digital SCPC, QPSK / data, voice & video	
5925.0000 - 6425.0000 MHz	960KF2D	82.80 dBW	Tracking, Control and In Orbit Testing	
5925.0000 - 6425.0000 MHz	1M00N0N	77.60 dBW	Tracking, Control and In Orbit Testing	
4199.0000 - 4199.0000 MHz	960KF2D		Tracking, Control and In Orbit Testing	
4199.0000 - 4199.0000 MHz	1M00N0N		Tracking, Control and In Orbit Testing	
3700.0000 - 4200.0000 MHz	882KG7D		Digital Data	
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex, QPSK / data, voice & video	
3700.0000 - 4200.0000 MHz	50K0G1W		Digital SCPC, QPSK / data, voice & video	

3700.0000 - 4200.0000 MHz	960KF2D		Tracking, Control and In Orbit Testing
3700.0000 - 4200.0000 MHz	1M00N0N		Tracking, Control and In Orbit Testing
3700.0000 - 4200.0000 MHz	36M0F9W		Analog TV/FM with associated audio subcarriers
3700.0000 - 4200.0000 MHz	360KG7W		Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps
5925.0000 - 6425.0000 MHz	36M0F9W	80.60 dBW	Analog TV/FM with associated audio subcarriers
5925.0000 - 6425.0000 MHz	360KG7W	60.00 dBW	Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps
5925.0000 - 6425.0000 MHz	36M0G7W	80.00 dBW	Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps
6425.0000 - 6650.0000 MHz	36M0F9W	82.80 dBW	Analog TV/FM with associated audio carriers
6425.0000 - 6650.0000 MHz	36M0G7W	80.00 dBW	QPSK, FEC 7/8, Data, Voice & Video 48.38 kbps
6425.0000 - 6650.0000 MHz	360KG7W	60.00 dBW	QPSK, FEC 1/2 FEC, Data, Voice & Video 256 kbps
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK, FEC 7/8, Data, Voice & Video 48.38 kbps
3700.0000 - 4200.0000 MHz	360KG7W		QPSK, FEC 1/2 FEC, Data, Voice & Video 256 kbps
5850.0000 - 5925.0000 MHz	36M0F9W	82.80 dBW	Analog TV/FM with associated audio subcarriers
3625.0000 - 3650.0000 MHz	36M0F9W		Analog TV/FM with associated audio subcarriers
3650.0000 - 3700.0000 MHz	36M0F9W		Analog TV/FM with associated audio subcarriers
5850.0000 - 5925.0000 MHz	360KG7W	60.00 dBW	Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps
3625.0000 - 3650.0000 MHz	360KG7W		Digital SCPC, QPSK, Data, Voice& Video, 1/2FEC, 256 kbps

3659.0000 - 3700.0000 MHz	360KG7W		Digital SCPC, QPSK, Data, Voice & Video, 1/2FEC, 256 kbps
5850.0000 - 5925.0000 MHz	36M0G7W	80.00 dBW	Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps
3625.0000 - 3650.0000 MHz	36M0G7W		Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps
3650.0000 - 3700.0000 MHz	36M0G7W		Digital Multiplex, QPSK, Data, Voice & Video, 7/8 FEC, 48.38 kbps

**Points of Communication:**

1 - APSTAR V - (138 E.L.)

1 - Mabuhay (AGILA 2) - (146 E.L.)

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**SES-MOD-20061013-01848** E E060078      DataPath, Inc.  
 Application for Modification      04/18/2006 - 04/18/2021  
 Grant of Authority      Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2450 SATELLITE BLVD., GWENETT, DULUTH, GA  
 33 ° 58 ' 22.60 " N LAT.      84 ° 5 ' 31.60 " W LONG.

ANTENNA ID: 3.8M.      3.8 meters      PRODELIN      1388

14000.0000 - 14500.0000 MHz	36M0F3F	80.19 dBW	STANDARD ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	78.74 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	50.27 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO

11450.0000 - 11700.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11450.0000 - 11700.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
10950.0000 - 11200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
10950.0000 - 11200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 2.4PKu	2.4 meters	PRODELIN	1244
14000.0000 - 14500.0000 MHz	36M0F3F	76.19 dBW	STANDARD ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	74.74 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	46.27 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 3.9VKu	3.9 meters	VIASAT	FMTV39M
14000.0000 - 14500.0000 MHz	36M0F3F	79.99 dBW	STANDARD ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	78.54 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	50.07 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES



11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 3.7AKu	3.7 meters	ANDREW CORP.	ESA37-AA-1
14000.0000 - 14500.0000 MHz	36M0F3F	76.69 dBW	STANDARD ANALOG VIDEO
14000.0000 - 14500.0000 MHz	51K2G7W	49.77 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 3.7GKu	3.7 meters	GIGASAT	FA-370
14000.0000 - 14500.0000 MHz	36M0F3F	79.49 dBW	STANDARD ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	78.04 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	49.57 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 2.4GKu	2.4 meters	GIGASAT	FA-240
14000.0000 - 14500.0000 MHz	36M0F3F	76.00 dBW	STANDARD ANALOG VIDEO

14000.0000 - 14500.0000 MHz	36M0G7W	74.54 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	46.07 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 1.8GKu	1.8 meters	GIGASAT	FA-180
14000.0000 - 14500.0000 MHz	36M0F3F	74.00 dBW	STANDARD ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	72.54 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	44.07 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 2.0AKu	2 meters	AVL TECHNOLOGIES	2060 QUAD
14000.0000 - 14500.0000 MHz	36M0F3F	74.49 dBW	STANDARD ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	73.04 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	44.57 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD ANALOG VIDEO

11700.0000 - 12200.0000 MHz	36M0G7W			DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W			DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 1.2AKu	1.2 meters	AVL TECHNOLOGIES		1296K
14000.0000 - 14500.0000 MHz	36M0F3F	70.19 dBW		STANDARD ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	68.74 dBW		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	40.27 dBW		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0F3F			STANDARD ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W			DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W			DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 4.8C-ban	4.8 meters	VERTEX RSI		KPC
3700.0000 - 4200.0000 MHz	36M0G7W			DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	51K2G7W			DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	36M0G7W	74.33 dBW		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	51K2G7W	46.32 dBW		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - INTELSAT 705 - (50 W.L.)

- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - PAS-1R - (45.0 W.L.)

**SES-MOD-20061017-01867** E E050181 EchoStar Satellite Operating Corporation  
 Application for Modification 04/07/2006 - 04/07/2021  
 Grant of Authority Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: K4 & K5  
 LOCATION: 530 EchoStar Drive, Laramie, Cheyenne, WY  
 41 ° 7 ' 57.00 " N LAT. 104 ° 44 ' 17.30 " W LONG.

ANTENNA ID: K4	9 meters	Vertex	9.0 KPK
14000.0000 - 14500.0000 MHz	1M00F2D	70.40 dBW	Digital Data
11700.0000 - 12200.0000 MHz	1M00F2D	0.00 dBW	Digital Data
11700.0000 - 12200.0000 MHz	36M0F8F		Analog Video
11700.0000 - 12200.0000 MHz	24M0G7F		Digital Compressed Video
11700.0000 - 12200.0000 MHz	36M0G7F		Digital Compressed Video
14000.0000 - 14500.0000 MHz	36M0F8F	70.40 dBW	Analog Video
14000.0000 - 14500.0000 MHz	24M0G7F	70.40 dBW	Digital Compressed Video
14000.0000 - 14500.0000 MHz	36M0G7F	70.40 dBW	Digital Compressed Video

ANTENNA ID: K5	9 meters	Vertex	9.0 KPK
14000.0000 - 14500.0000 MHz	1M00F2D	70.40 dBW	Digital Data
11700.0000 - 12200.0000 MHz	1M00F2D	0.00 dBW	Digital Data
11700.0000 - 12200.0000 MHz	36M0F8F		Analog Video

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11700.0000 - 12200.0000 MHz	24M0G7F		Digital Compressed Video
11700.0000 - 12200.0000 MHz	36M0G7F		Digital Compressed Video
14000.0000 - 14500.0000 MHz	26M0F8F	70.40 dBW	Analog Video
14000.0000 - 14500.0000 MHz	24M0G7F	70.40 dBW	Digital Compressed Video
14000.0000 - 14500.0000 MHz	36M0G7F	70.40 dBW	Digital Compressed Video

**Points of Communication:**

K4 & K5 - ALSAT - (ALSAT)

K4 & K5 - AMC 16 - (118.75)

K4 & K5 - ANIK F3 - (118.7 W.L.)

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<b>SES-MOD-20061030-01916</b>	E	E980241	Dominion Video Satellite, Inc.	07/17/1998 - 07/17/2008
Application for Modification				Date Effective: 12/11/2006
Grant of Authority				

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 492 KILE LANE, BRADLEY, CLEVELAND, TN  
35 ° 8 ' 40.70 " N LAT. 84 ° 52 ' 23.50 " W LONG.

ANTENNA ID: 1	5.5 meters	COMTECH	847130-G3
5925.0000 - 6425.0000 MHz	8M20G7W	61.90 dBW	QPSK
3700.0000 - 4200.0000 MHz	8M20G7W		QPSK

**Points of Communication:**

1 - ALSAT - (ALSAT)

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<b>SES-MOD-20061102-01934</b>	E	E060121	SCIENTIFIC GAMES RACING, L.L.C.	05/22/2006 - 05/22/2021
Application for Modification				Date Effective: 12/11/2006
Grant of Authority				

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: ROUTE 17 AND 17 B, RACEWAY RD., SULLIVAN, MONTICELLO, NY  
41 ° 40 ' 7.30 " N LAT. 74 ° 42 ' 47.50 " W LONG.

ANTENNA ID: TRUCK 9 4.1 meters COMTECH ANTENNA SYSTEMS 5 METER OFFSAT  
5925.0000 - 6425.0000 MHz 4M50G7W 69.88 dBW DIGITAL TV AND AUDIO QPSK  
MODULATION

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20061102-01935** E E060129 SCIENTIFIC GAMES RACING, L.L.C.  
Application for Modification 05/22/2006 - 05/22/2021  
Grant of Authority Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 810 CENTRAL AVENUE, WESTCHESTER, YONKERS, NY  
40 ° 55 ' 1.10 " N LAT. 73 ° 51 ' 40.50 " W LONG.

ANTENNA ID: TRUCK 17 4.1 meters COMTECH ANTENNA SYSTEMS 5 METER OFFSAT  
5925.0000 - 6425.0000 MHz 4M50G7W 69.88 dBW DIGITAL TV AND AUDIO QPSK  
MODULATION

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20061102-01936** E E060125 SCIENTIFIC GAMES RACING, L.L.C.  
Application for Modification 05/22/2006 - 05/22/2021  
Grant of Authority Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: STATE ROUTE #2 SOUTH, HANCOCK, CHESTER, WV  
40 ° 34 ' 48.60 " N LAT. 80 ° 39 ' 45.20 " W LONG.

ANTENNA ID: TRUCK 13 4.1 meters COMTECH ANTENNA SYSTEMS 5 METER OFFSAT  
5925.0000 - 6425.0000 MHz 4M50G7W 69.88 dBW DIGITAL TV AND AUDIO QPSK  
MODULATION

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**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20061102-01938** E E990331 LESEA BROADCASTING CORPORATION  
Application for Modification 09/27/1999 - 09/27/2009  
Grant of Authority Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 61300 S. IRONWOOD ROAD, ST. JOSEPH, SOUTH BEND, IN  
41 ° 36 ' 13.00 " N LAT. 86 ° 12 ' 52.00 " W LONG.

ANTENNA ID: 1	9 meters	VERTEX	9 KPC
6365.0000 - 6425.0000 MHz	36M0G7F	70.60 dBW	QPSK DIGITAL VIDEO WITH AUDIO SUBCARRIERS
5925.0000 - 6225.0000 MHz	36M0G7F	70.60 dBW	QPSK DIGITAL VIDEO WITH AUDIO SUBCARRIERS
3700.0000 - 4200.0000 MHz	36M0G7F		QPSK DIGITAL VIDEO WITH AUDIO SUBCARRIERS
6365.0000 - 6425.0000 MHz	36M0F3F	70.60 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO
5925.0000 - 6225.0000 MHz	36M0F3F	70.60 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO
3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG VIDEO WITH ASSOCIATED AUDIO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20061102-01941** E E060110 SCIENTIFIC GAMES RACING, L.L.C.  
Application for Modification 05/22/2006 - 05/22/2021  
Grant of Authority Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1 SOUTH STONE STREET, OHIO, WHEELING, WV  
40 ° 3 ' 39.00 " N LAT. 80 ° 43 ' 57.10 " W LONG.

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ANTENNA ID: 1                      4.1 meters              Comtech                      Offsat  
5925.0000 - 6425.0000 MHz              4M50G7W              69.88 dBW                      Digital TV and Audio QPSK  
Modulation

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20061102-01942** E E060114      SCIENTIFIC GAMES RACING, L.L.C.  
Application for Modification                      05/22/2006 - 05/22/2021  
Grant of Authority                      Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 7575 NORTH SAM, HOUSTON, HOUSTON PARKWAY, TX  
29 ° 55 ' 43.00 " N LAT.                      95 ° 31 ' 48.00 " W LONG.

ANTENNA ID: 1                      4.1 meters              Comtech                      Offsat  
5925.0000 - 6425.0000 MHz              4M50G7W              69.88 dBW                      Digital TV and Audio QPSK  
Modulation

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20061102-01943** E E060115      SCIENTIFIC GAMES RACING, L.L.C.  
Application for Modification  
Withdrawn                      Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 6200 DAHLIA STREET, ADAMS, COMMERCE CITY, CO  
39 ° 48 ' 38.00 " N LAT.                      104 ° 55 ' 36.00 " W LONG.

ANTENNA ID: 1                      4.1 meters              Comtech                      Offsat  
5925.0000 - 6425.0000 MHz              4M50G7W              69.88 dBW                      Digital TV and Audio QPSK  
Modulation

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20061102-01944** E E060118 SCIENTIFIC GAMES RACING, L.L.C.  
Application for Modification 05/22/2006 - 05/22/2021  
Grant of Authority Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1000 JOHN ROGERS DRIVE, JEFFERSON, BIRMINGHAM, AL  
33 ° 34 ' 33.30 " N LAT. 86 ° 39 ' 24.70 " W LONG.

ANTENNA ID: 1	4.1 meters	Comtech	Offsat
5925.0000 - 6425.0000 MHz	4M50G7W	69.88 dBW	Digital TV and Audio QPSK Modulation

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20061103-01953** E E960226 STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY, ( d/b/  
BEHALF OF ITSELF, ITS SUBSIDIARY )  
Application for Modification 06/07/2006 - 06/07/2021  
Grant of Authority Date Effective: 12/11/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: ONE STATE FARM PLAZA BLDG C4, MCLEAN, BLOOMINGTON, IL  
40 ° 28 ' 35.40 " N LAT. 88 ° 57 ' 21.40 " W LONG.

ANTENNA ID: A1	3.7 meters	ANDREW	ES37PK
14000.0000 - 14500.0000 MHz	5M86G7W	60.10 dBW	DIGITAL VIDEO AND AUDIO
11700.0000 - 12200.0000 MHz	5M86G7W		DIGITAL VIDEO AND AUDIO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20050523-00637** E E050147 FREEDOM BROADCASTING OF MICHIGAN  
Registration 05/23/2005 - 05/23/2020  
Grant of Authority Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

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

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On October 21, 2005, Freedom Broadcasting of Michigan filed a petition for reconsideration of the letter dismissing its application, File No. SES-REG-20050523-00637, for non-payment of a debt owed the Commission. (See Letter, DA 05-2488, dated Sept. 21, 2005). For the reasons set forth in its petition for reconsideration, we grant the petition, reinstate the application, and grant the underlying application.

SITE ID: 1  
LOCATION: 5815 S PENNSYLVANIA (WLAJ-TV), INGHAM, LANSING, MI  
42 ° 40 ' 22.10 " N LAT. 84 ° 32 ' 14.90 " W LONG.

ANTENNA ID: 4.5M.	4.5 meters	ANDREW CORP.	ESA45
3700.0000 - 4200.0000 MHz		36M0G7W	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

**Points of Communication:**

1 - ALSAT - (ALSAT)

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<b>SES-RWL-20061115-02018</b>	E	E970004	Teck Cominco Alaska Incorporated	
Renewal				01/15/2007 - 01/15/2022
Grant of Authority				Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

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

Application for renewal appeared on the actions taken public notice, dated November 22, 2006, without grant or authorization dates, renewal has been granted.

SITE ID: 1  
LOCATION: COMINCO RED DOG MINE, PORT FACILITY, AK  
67 ° 34 ' 42.00 " N LAT. 164 ° 3 ' 12.00 " W LONG.

ANTENNA ID: 1	3.6 meters	SCIENTIFIC ATLANTA	8136
5925.0000 - 6425.0000 MHz		6K72G7D-	
5925.0000 - 6425.0000 MHz		3M68G7D	61.60 dBW
3700.0000 - 4200.0000 MHz		6K72G7D-	
3700.0000 - 4200.0000 MHz		3M68G7D	

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20061207-02103** E E970192 PrairieWave Telecommunications, Inc.  
Renewal 02/25/2007 - 02/25/2022  
Grant of Authority Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 2000 INDUSTRIAL STREET, VIBORG, SD  
43 ° 10 ' 16.00 " N LAT. 97 ° 4 ' 30.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC-ATLANTA 8006  
3700.0000 - 4200.0000 MHz 36M0F3F

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20061207-02106** E E970050 The Christian Broadcasting Network, Inc.  
Renewal 01/06/2007 - 01/06/2022  
Grant of Authority Date Effective: 12/08/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 977 CENTERVILLE TURNPIKE, VIRGINIA BEACH, VA  
36 ° 48 ' 1.50 " N LAT. 76 ° 11 ' 30.00 " W LONG.

ANTENNA ID: 1 5.5 meters RADIATION SYSTEMS 551KS

14000.0000 - 14500.0000 MHz	36M0G7W	79.21 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	51K2G7W	53.30 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	36M0F3F	79.20 dBW	ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W		DIGITAL
11450.0000 - 11700.0000 MHz	51K2G7W		DIGITAL
11450.0000 - 11700.0000 MHz	36M0F3F		ANALOG VIDEO
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL
10950.0000 - 11200.0000 MHz	51K2G7W		DIGITAL

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10950.0000 - 11200.0000 MHz

36M0F3F

ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - PAS-3R - (43.0 W.L.)

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**SES-RWL-20061208-02113** E E970056 MEDIA GENERAL COMMUNICATIONS, INC.

Renewal

01/10/2007 - 01/10/2022

Grant of Authority

Date Effective: 12/11/2006

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

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1

2.4 meters

VERTEX

MODEL 2.4 DMK

14000.0000 - 14500.0000 MHz

36M0F3F

74.10 dBW

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20061208-02114** E E970184 RCN Telecom Services, Inc.

Renewal

02/11/2007 - 02/11/2022

Grant of Authority

Date Effective: 12/12/2006

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 5508 NOR-BATH BLVD., NORTHAMPTON, PA

40 ° 42 ' 2.00 " N LAT.

75 ° 25 ' 58.00 " W LONG.

ANTENNA ID: 1

3.2 meters

SCIENTIFIC-ATLANTA

9000

3700.0000 - 4200.0000 MHz

36M0F8W

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20061208-02115 E E970060 WPIX, Inc.

Renewal

01/17/2007 - 01/17/2022

Grant of Authority

Date Effective: 12/11/2006

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

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1	1.8 meters	VERTEX	1.85MK
14000.0000 - 14500.0000 MHz	36M0F3F	71.50 dBW	ANALOG VIDEO WITH AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	71.50 dBW	DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO WITH AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20061208-02116 E E970058 TV Alabama, Inc.

Renewal

01/17/2007 - 01/17/2022

Grant of Authority

Date Effective: 12/11/2006

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

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1	2.4 meters	VERTEX	2.4 DMK KU
14000.0000 - 14500.0000 MHz	36M0F8W	76.40 dBW	VIDEO, FM TV VIDEO CARRIER
14000.0000 - 14500.0000 MHz	26K0F3E	33.20 dBW	26KHZ SCPC CARRIERS FOR VOICE--FM MODULATION FOR THE MAIN AND SCPC CARRIERS
14000.0000 - 14500.0000 MHz	15M0G7W	66.00 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
14000.0000 - 14500.0000 MHz	36M0F3F	73.80 dBW	WIDEBAND CARRIER FOR VIDEO TRANSMISSIONS

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11700.0000 - 12200.0000 MHz	36M0F8W	VIDEO, FM TV VIDEO CARRIER
11700.0000 - 12200.0000 MHz	26K0F3E	26KHZ SCPC CARRIERS FOR VOICE--FM MODULATION FOR THE MAIN AND SCPC CARRIERS
11700.0000 - 12200.0000 MHz	15M0G7W	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
11700.0000 - 12200.0000 MHz	36M0F3F	WIDEBAND CARRIER FOR VIDEO TRANSMISSIONS

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-INTR2006-03169** E PrairieWave Telecommunications, Inc.  
Renewal  
Withdrawn Date Effective: 12/07/2006

**Class of Station:**

**Points of Communication:**

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**SES-STA-20061011-01831** E APRITI CIELO srl  
Special Temporary Authority  
Grant of Authority Date Effective: 12/12/2006

**Class of Station:**

Extension of Special Temporary Authority is GRANTED for an additional 40 days beginning October 13, 2006 and ending November 21, 2006.

**Points of Communication:**

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**SES-STA-20061204-02087** E E060383 HNS License Sub, LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 12/08/2006

**Class of Station:**

Special Temporary Authority is GRANTED for a period of 60 days beginning December 15, 2006 and ending February 12, 2007.

**Points of Communication:**

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**SES-STA-20061205-02097** E E000357 TELECOMMUNICATION SYSTEMS  
Special Temporary Authority  
Grant of Authority Date Effective: 12/11/2006

**Class of Station:**

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"STA" for SES-MOD-20061205-02096 to relocate fixed station.

**Points of Communication:**

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**SES-STA-20061205-02099** E E030233 TELECOMMUNICATION SYSTEMS

Special Temporary Authority

Grant of Authority

Date Effective: 12/11/2006

**Class of Station:**

Special Temporary Authority is GRANTED for a period of 60 days beginning December 11, 2006 and ending February 8, 2007.

**Points of Communication:**

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**SES-STA-20061208-02112** E KA249 Telenor Satellite, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/12/2006

**Class of Station:**

Special Temporary Authority is GRANTED for a period of 60 days beginning December 15, 2006 and ending February 12, 2007.

**Points of Communication:**

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**Dismissal**

**SES-STA-20060403-00549** E980250 Loral Skynet Network Services, Inc.

This STA is dismissed as moot, due to the underlying application SES-MFS-20060412-00619 is granted by Order and Authorization, DA 06-2488, released December 11, 2006.

**SES-STA-20060403-00550** E980250 Loral Skynet Network Services, Inc.

This STA is dismissed as moot, due to the underlying application SES-MFS-20060412-00619 is granted by Order and Authorization, DA 06-2488, released December 11, 2006.

**SES-STA-20060403-00551** E980250 Loral Skynet Network Services, Inc.

This STA is dismissed as moot, due to the underlying application SES-MFS-20060412-00619 is granted by Order and Authorization, DA 06-2488, released December 11, 2006.

**SURRENDER**

**SES-REG-20000208-00179** E000077 FOX SPORTS NET NORTHWEST

Licensee has surrendered license, per letter dated December 11, 2006.

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