



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00542

Wednesday October 15, 2003

## SATELLITE COMMUNICATIONS SERVICES INFORMATION

### RE: ACTIONS TAKEN

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-AMD-20030818-01146 E E010295 SKYPORT INTERNATIONAL, INC.

Amendment

Grant of Authority

Date Effective: 10/14/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: Houston, Texas

LOCATION: Ellington Field 11140 Aerospace Avenue, 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 Voice
	14000.0000 - 14500.0000 MHz	32M3G7W		Digital Data and Video Voice
	11450.0000 - 11700.0000 MHz	1M54G7W		Digital Data and Video Voice
	11450.0000 - 11700.0000 MHz	32M3G7W		Digital Data and Video Voice
	10950.0000 - 11200.0000 MHz	1M54G7W		Digital Data and Video Voice
	10950.0000 - 11200.0000 MHz	32M3G7W		Digital Data and Video Voice
	14000.0000 - 14500.0000 MHz	1M54G7W	75.80 dBW	Digital Data and Video Voice
	14000.0000 - 14500.0000 MHz	32M3G7W	86.90 dBW	Digital Data and Video Voice

**Points of Communication:**

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Houston, Texas - ALSAT - (ALSAT)  
Houston, Texas - INTELSAT 805 - (304.5 E.L.)  
Houston, Texas - INTELSAT AOR - (307.0 E.L.)  
Houston, Texas - INTELSAT AOR - (310.0 E.L.)  
Houston, Texas - INTELSAT AOR - (325.5 E.L.)  
Houston, Texas - INTELSAT AOR - (328.5 E.L.)  
Houston, Texas - INTELSAT AOR - (332.5 E.L.)  
Houston, Texas - INTELSAT AOR - (335.5 E.L.)

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**SES-ASG-20030903-01212** E E940278 RELAY HOUSE INC

Application for Consent to Assignment

Grant of Authority

Date Effective: 10/14/2003

**Current Licensee:** RELAY HOUSE INC

**FROM:** RELAY HOUSE INC.

**TO:** Freebird Communications Inc.

No. of Station(s) listed: 1

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**SES-ASG-20031007-01380** E E950031 WUHF LICENSEE, LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 10/10/2003

**Current Licensee:** BS&L BROADCASTING, INC.

**FROM:** BS&L BROADCASTING, INC.

**TO:** WUHF LICENSEE, LLC

No. of Station(s) listed: 1

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**SES-LIC-20030713-00967** E E030156 BAE SYSTEMS TECHNICAL SERVICES

Application for Authority

10/14/2003 - 10/14/2018

Grant of Authority

Date Effective: 10/14/2003

**Class of Station:** Fixed Earth Stations

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

**SITE ID:** 1

**LOCATION:** 500 CENTER STREET NCTAMS PAC SATCOM FACILITY WAHIAWA, HONOLULU, WAHIAWA, HI  
21 ° 31 ' 15.20 " N LAT. 157 ° 59 ' 41.60 " W LONG.

ANTENNA ID:	C-BAND	16.4 meters	VERTEX	16.4 KPC
	6028.0000 - 6114.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
	6147.0000 - 6356.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER

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6409.0000 - 6425.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
5961.0000 - 5995.0000 MHz	35M5G1D	83.40 dBW	DIGITAL DATA CARRIER
5991.0000 - 5995.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
5925.0000 - 5930.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	35M5G1D		DIGITAL DATA CARRIER
5961.0000 - 5995.0000 MHz	210KG1D	61.10 dBW	DIGITAL DATA CARRIER
6409.0000 - 6425.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
6147.0000 - 6356.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
6028.0000 - 6114.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
5991.0000 - 5995.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
5925.0000 - 5930.0000 MHz	210KG1D	73.50 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	210KG1D		DIGITAL DATA CARRIER

ANTENNA ID: KUBAND      9 meters      VERTEX      9 KPK

14000.0000 - 14500.0000 MHz	35M5G1D	84.57 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz	210KG1D	63.30 dBW	DIGITAL DATA CARRIER
10950.0000 - 11200.0000 MHz	35M5G1D		DIGITAL DATA CARRIER
11450.0000 - 12200.0000 MHz	35M5G1D		DIGITAL DATA CARRIER
10950.0000 - 11200.0000 MHz	210KG1D		DIGITAL DATA CARRIER
11450.0000 - 12200.0000 MHz	210KG1D		DIGITAL DATA CARRIER

**Points of Communication:**

1 - INTELSAT POR - (176.0 E.L.)

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**SES-LIC-20030716-00983** E E030158 ROME RESEARCH CORP

Application for Authority

10/14/2003 - 10/14/2018

Grant of Authority

Date Effective: 10/14/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: 18000 EAST PERIMETER ROAD, MONTEREY, CAMP ROBERTS, CA  
 35 ° 44 ' 15.20 " N LAT. 120 ° 45 ' 17.20 " W LONG.

ANTENNA ID:	KUBAND	9 meters	VERTEX	9 KPK
	14000.0000 - 14500.0000 MHz		210KG1D 63.30 dBW	DIGITAL DATA CARRIER
	14000.0000 - 14500.0000 MHz		35M5G1D 84.57 dBW	DIGITAL DATA CARRIER
	11450.0000 - 12200.0000 MHz		210KG1D	DIGITAL DATA CARRIER
	10950.0000 - 11200.0000 MHz		210KG1D	DIGITAL DATA CARRIER
	11450.0000 - 12200.0000 MHz		35M5G1D	DIGITAL DATA CARRIER
	10950.0000 - 11200.0000 MHz		35M5G1D	DIGITAL DATA CARRIER

ANTENNA ID:	C-BAND	16.4 meters	VERTEX	16.4 KPC
	3700.0000 - 4200.0000 MHz		35M5G1D	DIGITAL DATA CARRIER
	3700.0000 - 4200.0000 MHz		210KG1D	DIGITAL DATA CARRIER
	6120.0000 - 6298.0000 MHz		35M5G1D 83.40 dBW	DIGITAL DATA CARRIER
	5925.0000 - 5948.0000 MHz		35M5G1D 87.40 dBW	DIGITAL DATA CARRIER
	6001.0000 - 6018.0000 MHz		35M5G1D 87.40 dBW	DIGITAL DATA CARRIER
	6051.0000 - 6067.0000 MHz		35M5G1D 87.40 dBW	DIGITAL DATA CARRIER
	6120.0000 - 6298.0000 MHz		210KG1D 61.10 dBW	DIGITAL DATA CARRIER
	6332.0000 - 6349.0000 MHz		210KG1D 61.10 dBW	DIGITAL DATA CARRIER
	6402.0000 - 6425.0000 MHz		210KG1D 61.10 dBW	DIGITAL DATA CARRIER
	6421.0000 - 6425.0000 MHz		210KG1D 73.50 dBW	DIGITAL DATA CARRIER
	6120.0000 - 6181.0000 MHz		210KG1D 73.50 dBW	DIGITAL DATA CARRIER
	6051.0000 - 6067.0000 MHz		210KG1D 73.50 dBW	DIGITAL DATA CARRIER
	6001.0000 - 6018.0000 MHz		210KG1D 73.50 dBW	DIGITAL DATA CARRIER
	5925.0000 - 5948.0000 MHz		210KG1D 73.50 dBW	DIGITAL DATA CARRIER
	6402.0000 - 6425.0000 MHz		35M5G1D 83.40 dBW	DIGITAL DATA CARRIER

6332.0000 - 6349.0000 MHz	35M5G1D	83.40 dBW	DIGITAL DATA CARRIER
6421.0000 - 6425.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER
6120.0000 - 6181.0000 MHz	35M5G1D	87.40 dBW	DIGITAL DATA CARRIER

**Points of Communication:**

1 - INTELSAT POR - (176.0 E.L.)

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**SES-LIC-20030722-01032** P E030167 EchoStar Satellite Corporation  
 Application for Authority 10/08/2003 - 10/08/2018  
 Grant of Authority Date Effective: 10/08/2003

**Class of Station:** Fixed Earth Stations

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

EchoStar Satellite Corporation hereby withdraws its request for authority to communicate with all of the points of communication listed in its pending GK2 and GK3 earth station applications, except for the Alsat designation, per e-mail dated October 8, 2003.

SITE ID: GK2  
 LOCATION: 801 NORTH AMERICA SKY BLVD., MARICOPA, GILBERT, AZ  
 33 ° 21 ' 54.80 " N LAT. 111 ° 48 ' 51.80 " W LONG.

ANTENNA ID: GK2	9 meters	VERTEX	9.0 KPK
14000.0000 - 14500.0000 MHz	1M00F2D	70.40 dBW	DIGITAL, DATA
14000.0000 - 14500.0000 MHz	82K0F3N	59.50 dBW	ANALOG CARRIER
14000.0000 - 14500.0000 MHz	750KF2D	69.10 dBW	DIGITAL, DATA
14000.0000 - 14500.0000 MHz	36M0F8F	73.40 dBW	ANALOG CARRIER
14000.0000 - 14500.0000 MHz	36M0G7F	85.90 dBW	DIGITAL, DATA
11700.0000 - 12200.0000 MHz	1M00F2D		DIGITAL, DATA
11700.0000 - 12200.0000 MHz	82K0F3N		ANALOG CARRIER
11700.0000 - 12200.0000 MHz	750KF2D		DIGITAL, DATA
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG CARRIER
11700.0000 - 12200.0000 MHz	36M0G7F		DIGITAL, DATA

**Points of Communication:**

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GK2 - ALSAT - (ALSAT)

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**SES-LIC-20030722-01033** P E030168 EchoStar Satellite Corporation

Application for Authority

10/08/2003 - 10/08/2018

Grant of Authority

Date Effective: 10/08/2003

**Class of Station:** Fixed Earth Stations

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

EchoStar Satellite Corporation hereby withdraws its request for authority to communicate with all of the points of communication listed in its pending GK2 and GK3 earth station applications, except for the Alsat designation, per e-mail dated October 8, 2003.

SITE ID: GK3

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

33 ° 21 ' 54.80 " N LAT.

111 ° 48 ' 51.10 " W LONG.

ANTENNA ID: GK3	9 meters	VERTEX	9.0 KPK
14000.0000 - 14500.0000 MHz	1M00F2D	70.40 dBW	DIGITAL, DATA
14000.0000 - 14500.0000 MHz	82K0F3N	59.50 dBW	ANALOG CARRIER
14000.0000 - 14500.0000 MHz	750KF2D	69.10 dBW	DIGITAL, DATA
14000.0000 - 14500.0000 MHz	36M0F8F	73.40 dBW	ANALOG CARRIER
14000.0000 - 14500.0000 MHz	36M0G7F	85.90 dBW	DIGITAL, DATA
11700.0000 - 12200.0000 MHz	1M00F2D		DIGITAL, DATA
11700.0000 - 12200.0000 MHz	82K0F3N		ANALOG CARRIER
11700.0000 - 12200.0000 MHz	750KF2D		DIGITAL, DATA
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG CARRIER
11700.0000 - 12200.0000 MHz	36M0G7F		DIGITAL, DATA

**Points of Communication:**

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GK3 - ALSAT - (ALSAT)

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**SES-LIC-20030731-01068** E E030170 IWL COMMUNICATIONS INC DBA CAPROCK SERVICES CORP

Application for Authority

10/14/2003 - 10/14/2018

Grant of Authority

Date Effective: 10/14/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 4400 SOUTH SAM HOUSTON PARKWAY EAST, HARRIS, HOUSTON, TX  
29 ° 35 ' 54.00 " N LAT. 95 ° 20 ' 50.00 " W LONG.

ANTENNA ID:	KU1	7.6 meters	ANDREW	7.6 ESA
	14000.0000 - 14500.0000 MHz	1M85G7D	71.90 dBW	DIGITAL DATA CARRIER
	11450.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA CARRIER
	10950.0000 - 11200.0000 MHz	1M85G7D		DIGITAL DATA CARRIER
	11450.0000 - 12200.0000 MHz	1M85G7D		DIGITAL DATA CARRIER
	14000.0000 - 14500.0000 MHz	200KG7D	62.30 dBW	DIGITAL DATA CARRIER
	10950.0000 - 11200.0000 MHz	200KG7D		DIGITAL DATA CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - INTELSAT AOR - (332.5 E.L.)

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**SES-LIC-20030801-01158** P E030183 Christopher S. Borghesani ( d/b/a CBTV )  
Application for Authority 10/10/2003 - 10/10/2018  
Grant of Authority Date Effective: 10/10/2003

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

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID:	1	1.5 meters	SWE-DISH	150K EDD
	14000.0000 - 14500.0000 MHz	24M0G7F	62.24 dBW	PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20030806-01111** P E030177 Central Michigan University

Application for Authority

10/10/2003 - 10/10/2018

Grant of Authority

Date Effective: 10/10/2003

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

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

SITE ID: 1

LOCATION: VARIOUS, ISABELLA, MT. PLEASANT, MI

ANTENNA ID: 1	2.4 meters	AVL TECHNOLOGY	2400
14000.0000 - 14500.0000 MHz	36M0F8F	74.60 dBW	ANALOG VIDEO WITH SUBCARRIERS
14000.0000 - 14500.0000 MHz	36M0G7F	74.60 dBW	PSK DIGITAL VIDEO WITH DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG VIDEO WITH SUBCARRIERS
11700.0000 - 12200.0000 MHz	36M0G7F		PSK DIGITAL VIDEO AND DIGITAL AUDIO

**Points of Communication:**

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**SES-LIC-20030825-01161** E E030184 WLVI Inc

Application for Authority

10/10/2003 - 10/10/2018

Grant of Authority

Date Effective: 10/10/2003

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

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

SITE ID: 1

LOCATION:

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)

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**SES-LIC-20030902-01202** E E030192 GCI Communication Corp.

Application for Authority

10/14/2003 - 10/14/2018

Grant of Authority

Date Effective: 10/14/2003

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



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

SITE ID: State of Alaska  
LOCATION: USA, VARIOUS

ANTENNA ID:	3.6m	3.6 meters	VCiaSat (Scientific Atlantic)	8136	
	3700.0000 - 4200.0000 MHz		60K0G7W	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		60K0G7W	QAM Modulation for telephony, facsimile and data	
	3700.0000 - 4200.0000 MHz		36M0G7W	QAM Modulation for telephony, facsimile and data	
	5925.0000 - 6425.0000 MHz		60K0G7W	53.10 dBW	PSK Modulation for telephony, facsimile and data
	5925.0000 - 6425.0000 MHz		36M0G7W	61.30 dBW	PSK Modulation for telephony, facsimile and data
	5925.0000 - 6425.0000 MHz		60K0G7W	34.40 dBW	QAM Modulation for telephony, facsimile and data
	5925.0000 - 6425.0000 MHz		36M0G7W	61.30 dBW	QAM Modulation for telephony, facsimile and data

**Points of Communication:**

State of Alaska - ALSAT - (ALSAT)

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**SES-MOD-20030715-00982** E E010295 SKYPORT INTERNATIONAL, INC.  
Application for Modification 01/03/2002 - 01/03/2012  
Grant of Authority Date Effective: 10/14/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: Houston, Texas  
LOCATION: Ellington Field 11140 Aerospace Avenue, 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

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
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

**Points of Communication:**

- Houston, Texas - ALSAT - (ALSAT)
- Houston, Texas - INTELSAT 805 - (304.5 E.L.)
- Houston, Texas - INTELSAT AOR - (310.0 E.L.)
- Houston, Texas - INTELSAT AOR - (325.5 E.L.)
- Houston, Texas - INTELSAT AOR - (328.5 E.L.)
- Houston, Texas - INTELSAT AOR - (330.5 E.L.)
- Houston, Texas - INTELSAT AOR - (332.5 E.L.)
- Houston, Texas - INTELSAT AOR - (335.5 E.L.)

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**SES-MOD-20030729-01034** E E930431 National Digital Television Center, Inc.  
 Application for Modification 10/15/2003 - 10/15/2018  
 Grant of Authority Date Effective: 10/10/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: 7235 W. TITAN ROAD, DOUGLAS, ILITTLETON, CO  
 39 ° 30 ' 50.00 " N LAT. 105 ° 1 ' 31.90 " W LONG.

ANTENNA ID: 1	9.1 meters	SCIENTIFIC-ATLANTA	8009A-1
14000.0000 - 14500.0000 MHz	36M0F1W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0F2W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0F3W	73.90 dBW	

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14000.0000 - 14500.0000 MHz	36M0F7W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0F8W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0F9W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0FXW	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0G1W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0G2W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0G3W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0G7W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0G8W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0G9W	73.90 dBW	
14000.0000 - 14500.0000 MHz	36M0GXW	73.90 dBW	
14000.0000 - 14500.0000 MHz	21M7G7D	84.20 dBW	DIGITAL DATA
11450.0000 - 11700.0000 MHz	21M7G7D		DIGITAL DATA
10950.0000 - 11200.0000 MHz	21M7G7D		DIGITAL DATA

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)

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**SES-MOD-20030731-01065** E E900720 Sola Communications Inc  
Application for Modification  
Grant of Authority

10/19/2000 - 10/19/2010  
Date Effective: 10/10/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: 1920 SCANLIN ROAD, FT. BEND, MISSOURI CITY, TX  
29 ° 36 ' 24.00 " N LAT. 95 ° 31 ' 53.00 " W LONG.

ANTENNA ID: 1	5.6 meters	ANDREW CORPORATION	ESA56-124
14000.0000 - 14500.0000 MHz	13K5G1W-	48.30 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F3F	80.00 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	13K5G1W-		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M86G1W		DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	2M86G1W	71.54 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G1F	80.00 dBW	DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	36M0G1F		DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-8B - (43 W.L.)
- 1 - SATMEX-5 - (116.8 W.L.)
- 1 - SOLIDARIDAD F-2 - (113.0 W.L.)

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SES-MOD-20030813-01133 E E000361 SKYPORT INTERNATIONAL, INC.  
Application for Modification 09/18/2000 - 09/18/2010  
Grant of Authority Date Effective: 10/14/2003

**Class of Station:** Fixed Earth Stations

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

"MOD" to add Points of Communication, change assigned frequencies, change emission designator, relocate fixed earth station, and replace antenna for its existing C-band earth station. Also a name change was done on this MOD while pending from Skycomm International, Inc. to "SKYPORT INTERNATIONAL, INC.".

SITE ID: 1  
 LOCATION: ELLINGTON FIELD, 11140 AEROSPACE AVENUE, HARRIS, HOUSTON, TX  
 29 ° 36 ' 35.50 " N LAT. 95 ° 10 ' 29.70 " W LONG.

ANTENNA ID:	13.1	13.1 meters	VERTEX COMMUNICATIONS	13.1 KPC
	5925.0000 - 5930.0000 MHz	1M54G7W	67.60 dBW	DIGITAL DATA AND VIDEO
	5960.5000 - 6078.2000 MHz	1M54G7W	67.60 dBW	DIGITAL DATA AND VIDEO
	6108.7000 - 6182.0000 MHz	1M54G7W	67.60 dBW	DIGITAL DATA AND VIDEO
	6212.5000 - 6330.2000 MHz	1M54G7W	67.60 dBW	DIGITAL DATA AND VIDEO
	6360.8000 - 6425.0000 MHz	1M54G7W	67.60 dBW	DIGITAL DATA AND VIDEO
	5925.0000 - 5930.0000 MHz	4M80G7W	72.50 dBW	DIGITAL DATA AND VIDEO
	5960.5000 - 6078.2000 MHz	45M0G7W	82.20 dBW	DIGITAL DATA AND VIDEO
	6108.7000 - 6182.0000 MHz	45M0G7W	82.20 dBW	DIGITAL DATA AND VIDEO
	6212.5000 - 6330.2000 MHz	45M0G7W	82.20 dBW	DIGITAL DATA AND VIDEO
	6360.8000 - 6425.0000 MHz	45M0G7W	82.20 dBW	DIGITAL DATA AND VIDEO
	3700.0000 - 4200.0000 MHz	1M54G7W		DIGITAL DATA AND VIDEO
	3700.0000 - 4200.0000 MHz	45M0G7W		DIGITAL DATA AND VIDEO

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)

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SES-MOD-20030822-01152 E E000689 COVERGENT MEDIA SYSTEM  
 Application for Modification 01/03/2001 - 01/03/2011  
 Grant of Authority Date Effective: 10/10/2003

**Class of Station:** Fixed Earth Stations

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

"MOD" to provides digital television service on a non-common carrier basis, authorize relocation from Lawrence, GA to Alpharetta, GA of the earth station and the addition of a new antenna to its existing Ku-band earth station.

SITE ID: 1

LOCATION: 190 BLUEGRASS VALLEY PARKWAY, FORSYTH, ALPHARETTA, GA

34 ° 6 ' 42.00 " N LAT.

84 ° 13 ' 1.00 " W LONG.

ANTENNA ID: A3	4.6 meters	ANDREW	ESA46KM
14000.0000 - 14500.0000 MHz	4M00G2W	69.80 dBW	QPSK (SCPC COMPRESSED DIGITAL VIDEO)
14000.0000 - 14500.0000 MHz	6M00G2W	71.50 dBW	QPSK (SCPC COMPRESSED DIGITAL VIDEO)
11700.0000 - 12200.0000 MHz	4M00G2W		QPSK (SCPC COMPRESSED DIGITAL VIDEO)
11700.0000 - 12200.0000 MHz	6M00G2W		QPSK (SCPC COMPRESSED DIGITAL VIDEO)
ANTENNA ID: A2	2.4 meters	VERTEX	2.4DPK
14000.0000 - 14500.0000 MHz	4M00G2W	63.60 dBW	QPSK (SCPC COMPRESSED DIGITAL VIDEO)
14000.0000 - 14500.0000 MHz	6M00G2W	65.30 dBW	QPSK (SCPC COMPRESSED DIGITAL VIDEO)
11700.0000 - 12200.0000 MHz	4M00G2W		QPSK (SCPC COMPRESSED DIGITAL VIDEO)
11700.0000 - 12200.0000 MHz	6M00G2W		QPSK (SCPC COMPRESSED DIGITAL VIDEO)
ANTENNA ID: A4	9.3 meters	VERTEX	9.3 KXX
14000.0000 - 14500.0000 MHz	4M00G2W	75.60 dBW	QPSK SCPC COMPRESSED DIGITAL VIDEO AND DATA
11700.0000 - 12200.0000 MHz	4M00G2W		QPSK SCPC COMPRESSED DIGITAL VIDEO AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20030825-01160** E E890126 CDA CABLE, INC., DEBTOR-IN-POSSESSION  
Application for Modification 04/28/1999 - 04/28/2009  
Grant of Authority Date Effective: 10/10/2003

**Class of Station:** Fixed Earth Stations

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

"MOD" to move the fixed TVRO to a new site in Burney, CA, add new emission designator and related service, and change existing emission designator and related service.

SITE ID: 1  
LOCATION: 37100 MAIN STREET, SHASTA, BURNEY, CA  
40 ° 52 ' 56.60 " N LAT. 121 ° 39 ' 57.00 " W LONG.

ANTENNA ID: 1	4.5 meters	SCIENTIFIC ATLANTA	8345
3700.0000 - 4200.0000 MHz		36M0F8W	ANALOG AND DIGITAL
3700.0000 - 4200.0000 MHz		36M0G7W	ANALOG AND DIGITAL

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20031004-01367** E E020101 LORAL SPACECOM CORPORATION ( DEBTOR-IN-POSSESSION )  
Application for Modification 09/17/2002 - 09/17/2017  
Grant of Authority Date Effective: 10/14/2003

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

Notification of Minor License Modification to use the 0.95 M RAYTHEON VSAT to access TELSTAR 11

SITE ID: REMOTE 1.8M  
LOCATION: VSAT ( 1.8M), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/P	1.8 meters	PRODELIN	1194	
14000.0000 - 14500.0000 MHz		324KG7W	49.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		842KG7W	49.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M41G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE

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14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	380KG7W	52.50 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC



SITE ID: HUB 9.3-M  
 LOCATION: 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MT. JACKSON, VA  
 38 ° 43 ' 42.00 " N LAT. 78 ° 39 ' 25.00 " W LONG.

ANTENNA ID:	9.3-M/V	9.3 meters	VERTEX	94.1.6
	14000.0000 - 14500.0000 MHz	3M91G7W	67.00 dBW	QPSK 3MBPS HUB OUTBOUND TO VSAT
	14000.0000 - 14500.0000 MHz	8M79G7W	66.70 dBW	QPSK 8MBPS HUB OUTBOUND TO VSAT
	14000.0000 - 14500.0000 MHz	54M0G7W	78.30 dBW	QPSK 48MBPS 2/3 FEC
	11700.0000 - 12200.0000 MHz	324KG7W		QPSK 144 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	842KG7W		QPSK 384 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	4M41G7W		QPSK 2048 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	3M17G7W		QPSK 2048 KBPS, RATE 1/2 CODE
	11700.0000 - 12200.0000 MHz	380KG7W		QPSK 256 KBPS, TURBO CODE
	11700.0000 - 12200.0000 MHz	750KG7W		QPSK 512 KBPS, TURBO CODE
	11700.0000 - 12200.0000 MHz	1M50G7W		QPSK 1024 KBPS, TURBO CODE
	11700.0000 - 12200.0000 MHz	3M00G7W		QPSK 2048 KBPS, TURBO CODE
	11700.0000 - 12200.0000 MHz	360KG7W		QPSK 144 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	936KG7W		QPSK 384 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	2M45G7W		QPSK 1024 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	4M90G7W		QPSK 2048 KBPS, CONCATENATED CODE

SITE ID: REMOTE 0.95M  
 LOCATION: VSAT (0.95M), CONUS, (5000 UNITS)

ANTENNA ID:	0.95M/R	0.95 meters	RAYTHEON	SMDS2100
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14000.0000 - 14500.0000 MHz	324KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	842KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M41G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	44.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	41.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	41.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	41.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	41.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 1.2M  
LOCATION: VSAT ( 1.2M), CONUS, (5000 UNITS)

ANTENNA ID: 1.2M/P      1.2 meters      PRODELIN      1134

14000.0000 - 14500.0000 MHz	324KG7W	46.00 dBW	QPSK 144 KBPS, CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	842KG7W	46.00 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M41G7W	46.00 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS 1/2 FEC
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 5  
LOCATION: VSAT (0.96M), CONUS, (5000 UNITS)

ANTENNA ID:	0.96M/CM	0.96 meters	CHANNEL MASTER	TYPE 960
	14000.0000 - 14500.0000 MHz	380KG7W	44.20 dBW	QPSK 256 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	750KG7W	44.20 dBW	QPSK 512 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	1M50G7W	44.20 dBW	QPSK 1024 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	3M00G7W	44.20 dBW	QPSK 2048 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	380KG7W	38.20 dBW	QPSK 256 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	750KG7W	38.20 dBW	QPSK 512 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	1M50G7W	38.20 dBW	QPSK 1024 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	3M00G7W	38.20 dBW	QPSK 2048 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	360KG7W	44.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	936KG7W	44.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	2M45G7W	44.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	4M90G7W	44.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	360KG7W	38.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	936KG7W	38.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	2M45G7W	38.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	4M90G7W	38.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

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SITE ID: REMOTE 6  
LOCATION: VSAT (1.2M), CONUS, (5000 UNITS)

ANTENNA ID:	1.2M.CM	1.2 meters	CHANNEL MASTER	TYPE 120
14000.0000 - 14500.0000 MHz		380KG7W	46.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		750KG7W	46.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		1M50G7W	46.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		3M00G7W	46.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz		3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz		8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE 7			
LOCATION: VSAT (1.8M), CONUS, (5000 UNITS)			
ANTENNA ID: 1.8M/CM	1.8 meters	CHANNEL MASTER	TYPE 180
14000.0000 - 14500.0000 MHz	380KG7W	52.60 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE 8			
LOCATION: VSAT (2.4M), CONUS, (5000 UNITS)			
ANTENNA ID: 2.4M/CM	2.4 meters	CHANNEL MASTER	TYPE 240
14000.0000 - 14500.0000 MHz	380KG7W	55.10 dBW	QPSK 256 KBPS, TIRBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	58.00 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	58.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	58.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	54.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	58.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	58.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	58.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

**Points of Communication:**

HUB 9.3-M - ALSAT - (ALSAT)

REMOTE 0.95M - TELSTAR 6 - (93 W.L.)

REMOTE 1.2M - ALSAT - (ALSAT)

REMOTE 1.8M - ALSAT - (ALSAT)

REMOTE 5 - TELESTAR 11 - (37.5 W.L.)

REMOTE 5 - TELSTAR 6 - (93 W.L.)

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REMOTE 6 - ALSAT - (ALSAT)

REMOTE 7 - ALSAT - (ALSAT)

REMOTE 8 - ALSAT - (ALSAT)

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**SES-MOD-INTR2003-01971** E E980235 Stratos Offshore Services Company

Application for Modification

07/13/1998 - 07/13/2008

Withdrawn

Date Effective: 10/08/2003

**Class of Station:** VSAT Network

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

**Points of Communication:**

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**SES-REG-20030813-01159** P E5543 OMNI III CABLE TV, INC.

Registration

08/13/2003 - 08/13/2018

Grant of Authority

Date Effective: 10/10/2003

**Class of Station:** Fixed Earth Stations

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

A Reinstatement of an expired Receive Only Earth Station Registration.

SITE ID: 1

LOCATION: DELAWARE, JAY, OK

36 ° 25 ' 20.30 " N LAT.

94 ° 47 ' 48.80 " W LONG.

ANTENNA ID: 1                      5.3 meters                      ANIXTER-MARK                      ES402005

3700.0000 - 4200.0000 MHz                      36M0F8W                      ANALOG

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030923-01311** E E930468 RFL

Renewal

11/05/2003 - 11/05/2018

Grant of Authority

Date Effective: 10/10/2003

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

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1                      2.4 meters                      ANDREW CORP.                      ESA24VSM-KU-1



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14000.0000 - 14500.0000 MHz      36M0F8W      74.87 dBW

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - ANIK F1 - (107.3 W.L.)
- 1 - ANIK F1 - (107.3 W.L.)
- 1 - ANIK-F2 - (111.1 W.L.)
- 1 - INTELSAT AOR -
- 1 - INTELSAT POR -
- 1 - MORELOS-2 - (116.8 W.L.)
- 1 - ORION-3 - (139 E.L.)
- 1 - PANAMSAT 5 - (194 W.L.)
- 1 - Panamsat Galaxy-IIIC - (95 WL)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-4 - (191.0 W.L.)
- 1 - PAS-8B - (43 W.L.)
- 1 - PAS-9 - (58.0 W.L.)
- 1 - SOLIDARIDAD F-1 - (109.2 W.L.)
- 1 - SOLIDARIDAD F-2 - (113.0 W.L.)

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**SES-RWL-20031009-01396** E E4306      SCRIPPS HOWARD BROADCASTING COMPANY  
Renewal      10/31/2003 - 10/31/2018  
Grant of Authority      Date Effective: 10/10/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 7080 STATE ROAD, CUYAHOGA, PARMA, OH  
41 ° 22 ' 31.00 " N LAT.      81 ° 43 ' 15.00 " W LONG.

ANTENNA ID: 1      7.6 meters      ANDREW      ES76HS-CHN-1

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5925.0000 - 6425.0000 MHz	18M0F3F-	75.10 dBW	TV/FM
5925.0000 - 6425.0000 MHz	36M0F3F	79.10 dBW	TV/FM
5925.0000 - 6425.0000 MHz	2M0G7W-	59.60 dBW	MCPC DIGITAL CARRIER FOR VIDEO/VOICE/DATA
5925.0000 - 6425.0000 MHz	45M0G7W	73.10 dBW	MCPC DIGITAL CARRIER FOR VIDEO/VOICE/DATA
5925.0000 - 6425.0000 MHz	36M0F9	86.00 dBW	
3700.0000 - 4200.0000 MHz	36M0F9		

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**INFORMATIVE**

**SES-LIC-20010711-01250**      E010182      IDIRECT, INC.

Licensee has surrendered license, per letter dated September 30, 2003.

**SES-RWL-19931008-00570**      E6404      FALCON CABLE MEDIA, A CALIFORNIA LIMITED PARTNERSHIP ( d/b/a Falcon Cable TV )

Licensee has surrendered license, per letter dated September 30, 2003.

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