



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00261

Wednesday February 14, 2001

## 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-ASG-20010202-00197** E000687 STEPHENS GROUP, INC.  
Application for Consent to Assignment  
**Current Licensee:** STEPHENS GROUP, INC.  
**FROM:** STEPHENS GROUP, INC.  
**TO:** SMITH TELEVISION LICENSE HOLDINGS, INC.

No. of Station(s) listed: 1

**SES-LIC-20001115-02182** E000690 INTERNATIONAL SATELLITE COMMUNICATIONS CORP. ( d/b/a INTERSAT SPACE COMMUNICATIONS )

Application for Authority  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: W2835 KRUEGER, WALWORTH, LAKE GENEVA, WI

ANTENNA ID: 1	2.4 meters	PRODELIN	1244
14000.0000 - 14500.0000 MHz	64K0F1D	18.90 dBW	BPSK SCPC DATA
11700.0000 - 12200.0000 MHz	64K0F1D		BPSK SCPC DATA
ANTENNA ID: 2	2.4 meters	PRODELIN	1244
14000.0000 - 14500.0000 MHz	64K0F1D	18.90 dBW	BPSK SCPC DATA
11700.0000 - 12200.0000 MHz	64K0F1D		BPSK SCPC DATA
ANTENNA ID: 3	2.4 meters	PRODELIN	1244
14000.0000 - 14500.0000 MHz	64K0F1D	18.90 dBW	BPSK SCPC DATA
11700.0000 - 12200.0000 MHz	64K0F1D		BPSK SCPC DATA
ANTENNA ID: 4	3.7 meters	ANDREW CORP.	ESA

14000.0000 - 14500.0000 MHz	56K0G1D	33.40 dBW	BPSK SCPC DATA
11700.0000 - 12200.0000 MHz	3M00G1D		QPSK SCPC DBS
ANTENNA ID: 5	1.8 meters	CHANNEL MASTER	621805601
14000.0000 - 14500.0000 MHz	3M00G1D	17.80 dBW	QPSK SCPC DBS
11700.0000 - 12200.0000 MHz	56K0G1D		BPSK SCPC DATA

**Points of Communication:**

1 - GALAXY IIIIR - (95 W.L.)  
 1 - SATMEX-5 - (116.8 W.L.)  
 1 - TELSTAR 5 - (97 W.L.)

**SES-LIC-20010116-00085** E010014 MICHIGAN SATELLITE SYSTEMS, INC.

Application for Authority

**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	ANDREW	SNG
14000.0000 - 14500.0000 MHz	4M00G7F-	65.20 dBW	COMPRESSED DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	8M00G7F	68.20 dBW	COMPRESSED DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	36M0F3F	75.70 dBW	STANDARD ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	51K2G7D	46.30 dBW	DIGITAL, QPSK, 3/4 FEC, 64 KBPS
14000.0000 - 14500.0000 MHz	1M85G7D	61.90 dBW	DIGITAL, QPSK, 3/4 FEC, 1544 KBPS

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-LIC-20010118-00091** E010017 AUGUSTA RADIO FELLOWSHIP INSTITUTE INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 2278 WORTHAM LANE, COLUMBIA, APPLING, GA

33 ° 32 ' 16.50 " N LAT.

82 ° 16 ' 18.10 " W LONG.

ANTENNA ID: 1	2.4 meters	CHANNEL MASTER	6124
14000.0000 - 14500.0000 MHz	400KG1D	52.12 dBW	MULTI CARRIER QPSK DIGITAL SCPC 1/2 FEC
11700.0000 - 12200.0000 MHz	400KG1D		

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-LIC-20010126-00147** E010019 PANAMSAT LICENSEE CORP.

Application for Authority

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: 594 Sigman NE Suite 200, Rockdale, Conyers, GA  
33 ° 39 ' 5.00 " N LAT. 83 ° 58 ' 41.00 " W LONG.

ANTENNA ID: 1	3.8 meters	Vertex	3.8 Flyaway
14000.0000 - 14500.0000 MHz	36M0F8F	77.00 dBW	Analog video
14000.0000 - 14500.0000 MHz	18M0F8F	74.00 dBW	Analog video
14000.0000 - 14500.0000 MHz	36M0G7W	77.00 dBW	Digital video and data
14000.0000 - 14500.0000 MHz	64K0G7W	49.00 dBW	Digital video and data
11700.0000 - 12200.0000 MHz	36M0F8W		Analog video
11700.0000 - 12200.0000 MHz	18M0F8F		Analog video
11700.0000 - 12200.0000 MHz	36M0G7W		Digital video and data
11700.0000 - 12200.0000 MHz	64K0G7W		Digital video and data

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20010126-00149** E010020 LYMAN BROS., INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: Langley Air Force Base 33 Elm Street, Building 19, Hampton, Hampton, VA  
37 ° 4 ' 12.50 " N LAT. 76 ° 22 ' 0.80 " W LONG.

ANTENNA ID: 1	4.6 meters	Andrew Corp.	ES46-MPS
11700.0000 - 12200.0000 MHz	1M63G7D	0.00 dBW	DIGITAL, QPSK, 3/4 FEC, 2048 kbps.
14000.0000 - 14500.0000 MHz	1M63G7D	66.90 dBW	DIGITAL, QPSK, 3/4 FEC, 2048 kbps.

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20010130-00220** E010027 CAMERON UNIVERSITY

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 2800 WEST GORE, COMANCHE, LAWTON, OK  
34 ° 36 ' 24.00 " N LAT. 98 ° 26 ' 4.00 " W LONG.

ANTENNA ID: 1	2.4 meters	CHANNEL MASTER	62-24356.01
14000.0000 - 14500.0000 MHz	400KG1D	52.12 dBW	MULTI CARRIER QPSK DIGITAL SCPC 1/2 FEC
11700.0000 - 12200.0000 MHz	400KG1D		

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20010131-00196** E010025 PANAMSAT LICENSEE CORP.

Application for Authority

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

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

SITE ID: 1

LOCATION: 2857 Fork Creek Church Rd, Dekalb, Ellenwood, GA

ANTENNA ID:	Conyers-K3	1.9 meters	ADVENT	1900 MKIII	
	14000.0000 - 14500.0000 MHz		36M0F8F	70.00 dBW	Analog video
	14000.0000 - 14500.0000 MHz		18M0F8F	67.00 dBW	Analog video
	14000.0000 - 14500.0000 MHz		36M0G7W	70.00 dBW	Digital video and data
	14000.0000 - 14500.0000 MHz		64K0G7W	50.00 dBW	Digital video and data
	11700.0000 - 12200.0000 MHz		36M0F8F		
	11700.0000 - 12200.0000 MHz		18M0F8F		
	11700.0000 - 12200.0000 MHz		36M0G7W		
	11700.0000 - 12200.0000 MHz		64K0G7W		

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20010202-00202** E010026 CLEAR CHANNEL BROADCASTING LICENSES, INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 2500 Maitland Center Parkway Suite 407, Broward, Maitland, FL

25 ° 58 ' 45.00 " N LAT.

80 ° 14 ' 37.00 " W LONG.

ANTENNA ID:	1	5.5 meters	Comtech	5 Meter Offsat	
	3700.0000 - 4200.0000 MHz		154KG7W	Digital	
	5925.0000 - 6425.0000 MHz		154KG7W	49.30 dBW	Digital

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20001214-02361** E860326 SPACENET SERVICES LICENSE SUB, INC.

Application for Modification

**Class of Station:** VSAT Fixed Hub Station

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

Modification filed to add three new 5.6 meter antennas to the applicant's shared hub in McLean, VA, in order to expand the applicant's offering of broadband communication services through the use of VSAT networking equipment. The application also seeks to add a new satellite (SatMex-5) and new Destination Points.

SITE ID: 1

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

38 ° 55 ' 24.00 " N LAT.

77 ° 12 ' 45.00 " W LONG.

ANTENNA ID:	1	5.5 meters	SATCOM TECH	551KS	
	14000.0000 - 14500.0000 MHz		33K3G7D	45.60 dBW	
	14000.0000 - 14500.0000 MHz		1M85G7D	58.30 dBW	
	14000.0000 - 14500.0000 MHz		1M65G7D	64.00 dBW	
	14000.0000 - 14500.0000 MHz		1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz		1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK

14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE, FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.40 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	1M85G7D		
11700.0000 - 12200.0000 MHz	1M65G7D		
11700.0000 - 12200.0000 MHz	36K0G7D	0.00 dBW	19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK
SITE ID: HUB-1			
LOCATION: 1750 OLD MEADOW ROAD, (9.3M.HUB), FAIRFAX, MCLEAN, VA			
38 ° 55 ' 24.00 " N LAT.		77 ° 12 ' 45.00 " W LONG.	
ANTENNA ID: 9.3 M	9.3 meters	VERTEX	9.3 KPK
14000.0000 - 14500.0000 MHz	6M10G7D	60.70 dBW	3500 KBPS, 1/2 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	3M20G7D	57.90 dBW	2048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BP

14000.0000 - 14500.0000 MHz	2M40G7D	56.70 dBW	1536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	1M60G7D	54.90 dBW	1024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	1M20G7D	53.60 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	800KG7D	51.90 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE EC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.60 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	400KG7D	48.90 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-2

LOCATION: 1750 OLD MEADOW ROAD, (5.6M. HUB), FAIRFAX, MCLEAN, VA

38 ° 55 ' 24.00 " N LAT.

77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 5.6 M

5.6 meters

ANDREW

ESA-56

14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, B
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPS
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D		76.8 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS DATA, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS DATA, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	36K0G7D		19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-3

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

38 ° 55 ' 24.00 " N LAT.

77 ° 12 ' 45.00 " W LONG.

ANTENNA ID:	5.6 M-2	5.6 meters	ANDREW	ESA-56
	14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE, FEC, BPSK
	14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
	14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
	14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
	14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
	14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
	14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
	14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
	14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
	14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
	14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
	11700.0000 - 12200.0000 MHz	36K0G7D	0.00 dBW	19.2 KBPS, 1/2 RATE FEC, MSK
	11700.0000 - 12200.0000 MHz	72K0G7D	0.00 dBW	38.4 KBPS, 1/2 RATE FEC, MSK
	11700.0000 - 12200.0000 MHz	144KG7D	0.00 dBW	76.8 KBPS, 1/2 RATE FEC, MSK
	11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
	11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
	11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
	11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
	11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
	11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
	11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK



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

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
  - HUB-1 - ALSAT - (ALSAT)
  - HUB-2 - ALSAT - (ALSAT)
  - HUB-3 - ALSAT - (ALSAT)
  - HUB-4 - ALSAT - (ALSAT)
  - HUB-4 - SATMEX-5 - (116.8 W.L.)
- 

**SES-MOD-20010116-00090** E7406 LIVEWIRE NETWORK SERVICES, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to change the emission designators and related service, and to relocate its fixed earth station facility.

SITE ID: 1  
LOCATION: 1201 W. SPRAGUE AVENUE, SPOKANE, SPOKANE, WA  
47 ° 39 ' 19.00 " N LAT. 117 ° 26 ' 14.00 " W LONG.

ANTENNA ID: 1	8 meters	HARRIS	5349
14000.0000 - 14500.0000 MHz	112KG1D	59.10 dBW	56 KBPS BPSK 1/2 FEC, 112 KBPS TRANSMISSION RATE
14000.0000 - 14500.0000 MHz	36M0F3W	81.10 dBW	FM NTSC VIDEO WITH ASSOCIATED AUDIO
11700.0000 - 12200.0000 MHz	112KG1D		56 KBPS BPSK 1/2 FEC, 112 KBPS TRANSMISSION RATE
11700.0000 - 12200.0000 MHz	36M0F3W		FM NTSC VIDEO WITH ASSOCIATED AUDIO

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
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**SES-MOD-20010117-00095** E900471 U.S. SATELLITE CORPORATION

Application for Modification

**Class of Station:** VSAT Network

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

"MOD" to add new emission designators and related service to its existing Ku-band VSAT Network system.

SITE ID: REMOTE 2.4  
LOCATION: VSAT (2.4METER), CONUS (300 UNITS)

ANTENNA ID: 2.4M	2.4 meters	PRODELIN	1244
14000.0000 - 14500.0000 MHz	307KG7D	51.80 dBW	DIGITAL VOICE AUDIO AND DATA
14000.0000 - 14500.0000 MHz	307KG7D	51.80 dBW	
11700.0000 - 12200.0000 MHz	36M0F9W		
11700.0000 - 12200.0000 MHz	30K0G8E		
11700.0000 - 12200.0000 MHz	1M23G7D		
14000.0000 - 14500.0000 MHz	202KG7D	51.80 dBW	DIGITAL VOICE AUDIO AND DATA

14000.0000 - 14500.0000 MHz	404KG7D	54.80 dBW	DIGITAL VOICE AUDIO AND DATA
14000.0000 - 14500.0000 MHz	808KG7D	54.80 dBW	DIGITAL VOICE AUDIO AND DATA
14000.0000 - 14500.0000 MHz	153KG7D	48.80 dBW	DIGITAL VOICE AUDIO AND DATA
14000.0000 - 14500.0000 MHz	614KG7D	54.80 dBW	DIGITAL VOICE AUDIO AND DATA
11700.0000 - 12200.0000 MHz	36M0F9W		ANALOG VIDEO AND AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	30K0G8E		NBFM AUDIO
11700.0000 - 12200.0000 MHz	1M23G7D		DIGITAL DATA, AUDIO AND VOICE
11700.0000 - 12200.0000 MHz	360KF8E		ANALOG SCPC
11700.0000 - 12200.0000 MHz	1M20G7D		DIGITAL 2.9 CLI VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	1M34G7D		DIGITAL 3.3 CLI VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	2M98G7D		DIGITAL 6.6 CLI VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	24M0G7D		DIGITAL OUTROUTE VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	1M29KG7D		MCPC, DATA, AUDIO
11700.0000 - 12200.0000 MHz	1M50G7D		MCPC, DATA, AUDIO, VIDEO
11700.0000 - 12200.0000 MHz	3M00G7D		MCPC, DATA, AUDIO, VIDEO
11700.0000 - 12200.0000 MHz	6M00G7D		MCPC, DATA, AUDIO, VIDEO
11700.0000 - 12200.0000 MHz	12M0G7D		MCPC, DATA, AUDIO, VIDEO
11700.0000 - 12200.0000 MHz	24M0G7D		MCPC, DATA, AUDIO, VIDEO
SITE ID: REMOTE 1.2			
LOCATION: VSAT (1.2METER), CONUS (1500 UNITS)			
ANTENNA ID: 1.2M	1.2 meters	PRODELIN	1123
14000.0000 - 14500.0000 MHz	202KG7D	46.20 dBW	DIGITAL VOICE AUDIO AND DATA
14000.0000 - 14500.0000 MHz	404KG7D	49.20 dBW	DIGITAL VOICE AUDIO AND DATA
14000.0000 - 14500.0000 MHz	808KG7D	49.20 dBW	DIGITAL VOICE AUDIO AND DATA
14000.0000 - 14500.0000 MHz	153KG7D	43.20 dBW	DIGITAL VOICE AUDIO AND DATA
14000.0000 - 14500.0000 MHz	614KG7D	49.20 dBW	DIGITAL VOICE AUDIO AND DATA
11700.0000 - 12200.0000 MHz	36M0F9W		ANALOG VIDEO AND AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	30K0G8E		ANALOG NBFM
11700.0000 - 12200.0000 MHz	1M23G7D		DIGITAL OUTROUTE DATA DIG AUDIO/VOICE
11700.0000 - 12200.0000 MHz	360KF8E		ANALOG SCPC
11700.0000 - 12200.0000 MHz	1M20G7D		DIGITAL 2.9 CLI VID & DIG AUDIO/DATA

11700.0000 - 12200.0000 MHz	1M34G7D		DIGITAL 3.3 CLI VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	2M98G7D		DIGITAL 6.6 CLI VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	24M0G7D		DIGITAL OUTROUTE VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	1M29KG7D		MCPC, DATA, AUDIO
11700.0000 - 12200.0000 MHz	1M50G7D		MCPC, DATA, AUDIO, VIDEO
11700.0000 - 12200.0000 MHz	3M00G7D		MCPC, DATA, AUDIO, VIDEO
11700.0000 - 12200.0000 MHz	6M00G7D		MCPC, DATA, AUDIO, VIDEO
11700.0000 - 12200.0000 MHz	12M0G7D		MCPC, DATA, AUDIO, VIDEO
11700.0000 - 12200.0000 MHz	24M0G7D		MCPC, DATA, AUDIO, VIDEO
14000.0000 - 145000.000 MHz	307KG7D	46.20 dBW	56KBPS DATA
11700.0000 - 12200.0000 MHz	36M0F9W		ANALOG VIDEO AND AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	30K0G8E		ANALOG NBFM
11700.0000 - 12200.0000 MHz	1M23G7D		DIGITAL OUTROUTE DATA DIG AUDIO/VOICE
11700.0000 - 12200.0000 MHz	360KF8E		ANALOG SCPC
11700.0000 - 12200.0000 MHz	1M20G7D		DIGITAL 2.9 CLI VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	1M34G7D		DIGITAL 3.3 CLI VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	2M98G7D		DIGITAL 6.6 CLI VID & DIG AUDIO/DATA
11700.0000 - 12200.0000 MHz	24M0G7D		DIGITAL OUTROUTE VID & DIG AUDIO/DATA
14000.0000 - 14500.0000 MHz	307KG7D	46.20 dBW	DIGITAL VOICE AUDIO AND DATA

**Points of Communication:**

REMOTE 2.4 - ALSAT - (ALSAT)

**SES-MOD-20010125-00221** E970175 HISPANIC INFORMATION & TELECOMMUNICATIONS NETWORK, INC.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" for the notification of change in operations from Non-Common Carrier to Common Carrier Status.

**SITE ID:** 1

**LOCATION:** BUILDING 292, BROOKLYN NAVY YARD, KINGS, BROOKLYN, NY

40 ° 41 ' 55.00 " N LAT.

73 ° 58 ' 17.00 " W LONG.

**ANTENNA ID:** 1 4.6 meters **ANDREW** ES46P

14000.0000 - 14500.0000 MHz 36M0F8W 79.80 dBW

14000.0000 - 14500.0000 MHz 36M0G7W 79.80 dBW

14000.0000 - 14500.0000 MHz 2M50G7W 79.80 dBW

14000.0000 - 14500.0000 MHz 24M0F3F 79.80 dBW

14000.0000 - 14500.0000 MHz 4M90G7W 79.80 dBW

14000.0000 - 14500.0000 MHz 6M50G7W 79.80 dBW

14000.0000 - 14500.0000 MHz	9M80G7W	79.80 dBW
14000.0000 - 14500.0000 MHz	24M0G7W	79.80 dBW
11700.0000 - 12200.0000 MHz	2M50G7W	
11700.0000 - 12200.0000 MHz	24M0F3F	
11700.0000 - 12200.0000 MHz	4M90G7W	
11700.0000 - 12200.0000 MHz	6M50G7W	
11700.0000 - 12200.0000 MHz	9M80G7W	
11700.0000 - 12200.0000 MHz	24M0G7W	
11700.0000 - 12200.0000 MHz	36M0F8W	
11700.0000 - 12200.0000 MHz	36M0G7W	

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20010130-00152** E000369 ONSAT NETWORK COMMUNICATIONS, INC.

Application for Modification

**Class of Station:** Other

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

Modification filed to add a remote site in Bakersfield, California to its already existing license.

**SITE ID:** Remote 1 Red Mesa,AZ

**LOCATION:** HC-61 BOX 40 SHIPPING: HIGHWAY 160 MILEPOST448, APACHE, TEEC NOS POS, AZ  
 36 ° 57 ' 43.20 " N LAT. 109 ° 22 ' 56.40 " W LONG.

ANTENNA ID:	Remote3.7m	3.7 meters	PRODELIN	1374-370
6415.0000 - 6425.0000 MHz		360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
6415.0000 - 6425.0000 MHz		520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA
6245.0000 - 6265.0000 MHz		360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
6245.0000 - 6265.0000 MHz		520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA
6165.0000 - 6185.0000 MHz		360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
6165.0000 - 6185.0000 MHz		520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA
5925.0000 - 5935.0000 MHz		360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
5925.0000 - 5935.0000 MHz		520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA
4190.0000 - 4200.0000 MHz		6M0G7D		QPSK, 3/4 RATE FEC-DATA
4190.0000 - 4200.0000 MHz		360KG7D		BPSK, 1/2 FEC DATA
4190.0000 - 4200.0000 MHz		520KG7D		QPSK, 3/4 FEC DATA
4020.0000 - 4040.0000 MHz		6M0G7D		QPSK, 3/4 RATE FEC-DATA
4020.0000 - 4040.0000 MHz		360KG7D		BPSK, 1/2 FEC DATA
4020.0000 - 4040.0000 MHz		520KG7D		QPSK, 3/4 FEC DATA
3940.0000 - 3960.0000 MHz		6M0G7D		QPSK, 3/4 RATE FEC-DATA
3940.0000 - 3960.0000 MHz		360KG7D		BPSK, 1/2 FEC DATA
3940.0000 - 3960.0000 MHz		520KG7D		QPSK, 3/4 FEC DATA
3700.0000 - 3710.0000 MHz		6M0G7D		QPSK, 3/4 RATE FEC-DATA
3700.0000 - 3710.0000 MHz		360KG7D		BPSK, 1/2 FEC DATA
3700.0000 - 3710.0000 MHz		520KG7D		QPSK, 3/4 FEC DATA
5925.0000 - 5930.0000 MHz		520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA
5925.0000 - 5930.0000 MHz		360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA

6165.0000 - 6185.0000 MHz	520KG7D	50.90 dBW	QPSK, 3/4 FEC DATA
6165.0000 - 6185.0000 MHz	360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
6415.0000 - 6425.0000 MHz	520KG7D	50.90 dBW	QPSK, 3/4 FEC DATA
6415.0000 - 6425.0000 MHz	360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
3700.0000 - 3710.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
3700.0000 - 3710.0000 MHz	360KG7D		BPSK, 1/2 RATE FEC-DATA
3700.0000 - 3710.0000 MHz	6M00G7D		QPSK, 3/4 RATE FEC-DATA
3940.0000 - 3960.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
3940.0000 - 3960.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
3940.0000 - 3960.0000 MHz	6M00G7D		QPSK, 3/4 RATE FEC-DATA
4020.0000 - 4040.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
4020.0000 - 4040.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
4020.0000 - 4040.0000 MHz	6M00G7D		QPSK, 3/4 RATE FEC-DATA
4190.0000 - 4200.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
4190.0000 - 4200.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
4190.0000 - 4200.0000 MHz	6M00G7D		QPSK, 3/4 RATE FEC-DATA

SITE ID: REMOTE 4 BAKERSFIELD

LOCATION: EARTH SEARCH SCIENCES, INC., BAKERSFIELD, CA

35 ° 18 ' 55.00 " N LAT.

119 ° 4 ' 30.00 " W LONG.

ANTENNA ID: Remote3.7m 3.7 meters PRODELIN 1374-370

**Points of Communication:**

- Remote 1 Red Mesa,AZ - ALSAT - (ALSAT)
- Remote 1 Red Mesa,AZ - GALAXY VI - (99 W.L.)
- Remote 1 Red Mesa,AZ - GE-4 - (101 W.L.)
- Remote 1 Red Mesa,AZ - TELSTAR 5 - (97 W.L.)
- REMOTE 4 BAKERSFIELD - ALSAT - (ALSAT)
- REMOTE 4 BAKERSFIELD - GALAXY VI - (99 W.L.)
- REMOTE 4 BAKERSFIELD - GE-4 - (101 W.L.)
- REMOTE 4 BAKERSFIELD - TELSTAR 5 - (97 W.L.)

**SES-MOD-20010130-00166** E000369 ONSAT NETWORK COMMUNICATIONS, INC.

Application for Modification

**Class of Station:** Other

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

Modification filed to add a remote site in Laie, Hawaii to its already existing license.

SITE ID: Remote 1 Red Mesa,AZ

LOCATION: HC-61 BOX 40 SHIPPING: HIGHWAY 160 MILEPOST448, APACHE, TEEC NOS POS, AZ

36 ° 57 ' 43.20 " N LAT.

109 ° 22 ' 56.40 " W LONG.

ANTENNA ID: Remote3.7m 3.7 meters PRODELIN 1374-370

6415.0000 - 6425.0000 MHz	360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
6415.0000 - 6425.0000 MHz	520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA
6245.0000 - 6265.0000 MHz	360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
6245.0000 - 6265.0000 MHz	520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA
6165.0000 - 6185.0000 MHz	360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
6165.0000 - 6185.0000 MHz	520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA

5925.0000 - 5935.0000 MHz	360KG7D	49.30 dBW	BPSK, 1/2 RATE FEC-DATA
5925.0000 - 5935.0000 MHz	520KG7D	50.90 dBW	QPSK, 3/4 RATE FEC-DATA
4190.0000 - 4200.0000 MHz	6M0G7D		QPSK, 3/4 RATE FEC-DATA
4190.0000 - 4200.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
4190.0000 - 4200.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
4020.0000 - 4040.0000 MHz	6M0G7D		QPSK, 3/4 RATE FEC-DATA
4020.0000 - 4040.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
4020.0000 - 4040.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
3940.0000 - 3960.0000 MHz	6M0G7D		QPSK, 3/4 RATE FEC-DATA
3940.0000 - 3960.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
3940.0000 - 3960.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
3700.0000 - 3710.0000 MHz	6M0G7D		QPSK, 3/4 RATE FEC-DATA
3700.0000 - 3710.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
3700.0000 - 3710.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA

SITE ID: Remote 5 Laie, HI

LOCATION: Kings Hill, Laie, HI

21 ° 38 ' 40.00 " N LAT.

157 ° 55 ' 39.00 " W LONG.

ANTENNA ID: Remote4.5m	4.5 meters	ANDREW	ES 45 T-T-1
5925.0000 - 5935.0000 MHz	520KG7D	56.20 dBW	QPSK, 3/4 RATE FEC-DATA
5925.0000 - 5935.0000 MHz	360KG7D	54.60 dBW	BPSK, 1/2 RATE FEC-DATA
6165.0000 - 6185.0000 MHz	520KG7D	56.20 dBW	QPSK, 3/4 RATE FEC-DATA
6165.0000 - 6185.0000 MHz	360KG7D	54.60 dBW	BPSK, 1/2 RATE FEC-DATA
6245.0000 - 6265.0000 MHz	520KG7D	56.20 dBW	QPSK, 3/4 RATE FEC-DATA
6245.0000 - 6265.0000 MHz	360KG7D	54.60 dBW	BPSK, 1/2 RATE FEC-DATA
6415.0000 - 6425.0000 MHz	520KG7D	56.20 dBW	QPSK, 3/1 RATE FEC-DATA
6145.0000 - 6425.0000 MHz	360KG7D	54.60 dBW	BPSK, 1/2 RATE FEC-DATA
3700.0000 - 3710.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
3700.0000 - 3710.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
3700.0000 - 3710.0000 MHz	6M00G7D		QPSK, 3/4 RATE FEC-DATA
3940.0000 - 3960.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
3940.0000 - 3960.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
3940.0000 - 3960.0000 MHz	6M00G7D		QPSK, 3/4 RATE FEC-DATA
4020.0000 - 4040.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
4020.0000 - 4040.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
4020.0000 - 4040.0000 MHz	6M00G7D		QPSK, 3/4 RATE FEC-DATA
4190.0000 - 4200.0000 MHz	520KG7D		QPSK, 3/4 FEC DATA
4190.0000 - 4200.0000 MHz	360KG7D		BPSK, 1/2 FEC DATA
4190.0000 - 4200.0000 MHz	6M00G7D		QPSK, 3/4 RATE FEC-DATA

**Points of Communication:**

- Remote 1 Red Mesa,AZ - ALSAT - (ALSAT)
- Remote 1 Red Mesa,AZ - GALAXY VI - (99 W.L.)
- Remote 1 Red Mesa,AZ - GE-4 - (101 W.L.)
- Remote 1 Red Mesa,AZ - TELSTAR 5 - (97 W.L.)
- Remote 5 Laie, HI - ALSAT - (ALSAT)

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Remote 5 Laie, HI - GALAXY VI - (99 W.L.)  
Remote 5 Laie, HI - GE-4 - (101 W.L.)  
Remote 5 Laie, HI - TELSTAR 5 - (97 W.L.)

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**SES-MOD-20010130-00193** WD34 THE WEATHER CHANNEL INC.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to replace 10 meter antenna with 9.3 meter antenna and add new emission designator.

SITE ID: 1

LOCATION: 4292 CUMBERLAND PARKWAY, COBBS, ATLANTA, GA  
33 ° 50 ' 59.40 " N LAT. 84 ° 28 ' 56.80 " W LONG.

ANTENNA ID: 1	11 meters	HARRIS CORPORATION	5260
5925.0000 - 6425.0000 MHz	36M0F8W	82.00 dBW	ANALOG TELEVISION
3700.0000 - 4200.0000 MHz	36M0F8W		
5925.0000 - 6425.0000 MHz	36M0G7F	82.00 dBW	DIGITAL TELEVISION AND DATA
3700.0000 - 4200.0000 MHz	36M0G7F		
ANTENNA ID: 2	11 meters	SCIENTIFIC-ATLANTA	8007
5925.0000 - 6425.0000 MHz	36M0F8W	82.00 dBW	ANALOG TELEVISION
3700.0000 - 4200.0000 MHz	36M0F8W		
5925.0000 - 6425.0000 MHz	36M0G7F	82.00 dBW	DIGITAL TELEVISION AND DATA
3700.0000 - 4200.0000 MHz	36M0G7F		
ANTENNA ID: 3	9.3 meters	VERTEX/RSI (REPLACEMENT)	8002
5925.0000 - 6425.0000 MHz	36M0F8W	82.00 dBW	ANALOG TELEVISION
3700.0000 - 4200.0000 MHz	36M0F8W		
5925.0000 - 6425.0000 MHz	36M0G7F	82.00 dBW	DIGITAL TELEVISION AND DATA
3700.0000 - 4200.0000 MHz	36M0G7F		

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20010201-00195** E970313 MULTIMEDIA ENTERTAINMENT, INC., C/O GANNETT CO., INC.

Application for Modification

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

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

"MOD" to add a new emission designator and related service to its existing emission designator and related service.

SITE ID: 1

LOCATION: 259 DELAWARE AVE. BUFFALO, ERIE, NY 14202, VARIOUS

ANTENNA ID: 1	2.4 meters	VERTEX	2.4 DMK (OFFSET)
11700.0000 - 12200.0000 MHz	36M0F3F		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
14000.0000 - 14500.0000 MHz	36M0F3F	74.00 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
14000.0000 - 14500.0000 MHz	24M0G7W	62.20 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
11700.0000 - 12200.0000 MHz	24M0G7W		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-MOD-20010207-00237** E930191 DIRECTV ENTERPRISES, INC.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification filed to add a Vertex RSI 11.3 meter antenna.

SITE ID: 1

LOCATION: 5454 E. GARTON ROAD, DOUGLAS, CASTLE ROCK, CO

39 ° 16 ' 37.00 " N LAT.

104 ° 48 ' 24.00 " W LONG.

ANTENNA ID: 1 13 meters TIW SYSTEMS, INC. 10600000

17300.0000 - 17800.0000 MHz 25M0M1F 90.50 dBW

ANTENNA ID: A35/A36 11.3 meters VERTEX RSI 1100KS

17300.0000 - 17800.0000 MHz 24M0G7W 90.80 dBW

QPSK DIGITAL TELEVISION

12200.0000 - 12700.0000 MHz 24M0G7W

QPSK DIGITAL TELEVISION

**Points of Communication:**

1 - DBS-1 - (@ 100.8 W)

1 - DBS-2 - (@ 101.2 W)

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