



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00760

Wednesday October 26, 2005

## 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-AFS-20051004-01365 E E000723 The Boeing Company  
Amendment

**Class of Station:** Mobile Earth Station

**Nature of Service:** Domestic Aeronautical Mobile-Satellite Service, Mobile Satellite Service

Boeing seeks to amend its modification application submitted on July 1, 2005 (SES-MFS-20050701-00853) to add the SN-4 and NSS-5 satellites as authorized points of communication. See SES-MFS-2005070100853

**SITE ID:** 1

**LOCATION:** 800 METS ABOARD AIRCRAFT OPERATING IN US INCL. AIRSPACE ABOVE TERRITORIAL WATERS, AIRCRAFT

ANTENNA ID:	ATR-1A	0.371 meters	BOEING	ATR-1A PHASED ARRAY
	14000.0000 - 14500.0000 MHz	24M3G7D	51.20 dBW	OQPSK, DATA, advanced two-way broadband AMSS service
	14000.0000 - 14500.0000 MHz	32M4G7D	51.20 dBW	OQPSK, DATA, advanced two-way broadband AMSS service
	11700.0000 - 12200.0000 MHz	20M0G7D		OQPSK, DATA, advanced two-way broadband AMSS service
	11700.0000 - 12200.0000 MHz	32M4G7D		OQPSK, DATA, advanced two-way broadband AMSS service

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ANTENNA ID: ATR-1B	0.196 meters	BOEING	REFLECTOR .196x.65m
14000.0000 - 14500.0000 MHz	32M4G7D	46.70 dBW	OQPSK, DATA, advanced two-way broadband AMSS service
11700.0000 - 12200.0000 MHz	32M4G7D		OQPSK, DATA, advanced two-way broadband AMSS service
11700.0000 - 12200.0000 MHz	20M0G7D		OQPSK, DATA, advanced two-way broadband AMSS service
14000.0000 - 14500.0000 MHz	24M3G7D	46.70 dBW	OQPSK, DATA, advanced two-way broadband AMSS service

SITE ID: MOBILE  
LOCATION: CONUS

**Points of Communication:**

- 1 - AMC-4 (formerly GE-4 - (101 W.L.)
- 1 - TELSTAR 6 - (93 W.L.)
- MOBILE - AMC 23 - (172 E.L.)
- MOBILE - AMC-6 - (72 W.L.)
- MOBILE - INTELSAT 806 - (174 E.L.)
- MOBILE - New Skies 513 - (183 E.L.)
- MOBILE - SPACENET4 (SN4) - (101 W.L.)

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**SES-AMD-20051013-01404** E E050255 DIRECTV Enterprises, LLC  
Amendment  
**Class of Station:** Fixed Earth Stations

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

Amendment filed to cover the entire range of Ka-band satellite frequencies, and to add another 8.1 meter antenna. See SES-LIC-20050831-01212.

SITE ID: LADUF (CBC)  
LOCATION: 3800 Via Oro Ave, Los Angeles, Long Beach, CA  
33 ° 49 ' 44.40 " N LAT. 118 ° 12 ' 43.90 " W LONG.

ANTENNA ID: LDKA2	8.1 meters	ANDREW	ES81KAA-101
29250.0000 - 30000.0000 MHz	36M0G7W	68.30 dBW	PSK MOD DIGITAL VIDEO / AUDIO

28350.0000 - 28600.0000 MHz	36M0G7W	68.30 dBW	PSK MOD DIGITAL VIDEO / AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO / AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO / AUDIO

**Points of Communication:**

LADUF (CBC) - DIRECTV 8 (K) - (101 W.L.)

LADUF (CBC) - SPACEWAY 1 - (103 W.L.)

LADUF (CBC) - SPACEWAY 2 - (99 W.L.)

**SES-AMD-20051021-01459** E E980122 Globecomm Systems, Inc.  
Amendment

**Class of Station:** Fixed Earth Stations

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

Globecomm Systems, Inc. is filing this amendment to correct the application to indicate that the proposed antenna does comply with the antenna gain patterns specified in Section 209(a) and (b). All other information and attachments remain the same and are not resubmitted. See SES-MOD-20051006-01384

**SITE ID:** AOT-4 & AOT-8

**LOCATION:** 45 OSER AVENUE, SUFFOLK, HAUPPAUGE, NY

40 ° 48 ' 54.40 " N LAT.

73 ° 14 ' 17.40 " W LONG.

**ANTENNA ID:** AOT-8                      3.8 meters                      PRODELIN                      1381

5925.0000 - 6425.0000 MHz	174KG7D	50.60 dBW	Data
5925.0000 - 6425.0000 MHz	174KG7D	50.60 dBW	Data
5925.0000 - 6425.0000 MHz	12M0G7D	69.00 dBW	Data
5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW	Data
5925.0000 - 6425.0000 MHz	12M0G7D	69.00 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC

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3700.0000 - 4200.0000 MHz	12M0G7D			QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	51K2G7D			QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	174KG7D			QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	2M45G7W			QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
ANTENNA ID: AOT-4	3.8 meters	PRODELIN		1381
5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW		DIGITAL VOICE/DATA, QPSK 1/2 FEC 2048 KBPS
5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW		DIGITAL DATA, QPSK 3/4 FEC 64.0 KBPS
5925.0000 - 6425.0000 MHz	12M0G7D	69.00 dBW		DIGITAL VOICE/DATA, QPSK 1/2 FEC 2048 KBPS
5925.0000 - 6425.0000 MHz	174KG7D	50.60 dBW		DIGITAL DATA, QPSK 3/4 FEC 64.0 KBPS
5925.0000 - 6425.0000 MHz	12M0G7D	69.00 dBW		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	174KG7D	50.60 dBW		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	12M0G7D			QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	51K2G7D			QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	174KG7D			QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	2M45G7W			QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC

**Points of Communication:**

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**SES-LFS-20050930-01352** E E050276 Telenor Satellite, Inc.

License to communicate with a Foreign Satellite

**Class of Station:** Mobile Earth Station

**Nature of Service:** Mobile Satellite Service

This is an application for blanket authority to operate 20,000 Mobile Earth Terminals in conjunction with Inmarsat's Broadband Global Area Network (BGAN) service satellites.

SITE ID: Multiple

LOCATION:

ANTENNA ID: HNS                      0.35 meters              Hughes Network Systems                      HNS Briefcase

1525.0000 - 1559.0000 MHz                      12K5G7W                      0.00 dBW

1525.0000 - 1559.0000 MHz                      200KD7W                      0.00 dBW

1525.0000 - 1559.0000 MHz                      50K0D7W                      0.00 dBW

1626.5000 - 1660.5000 MHz                      200KD7W                      21.00 dBW

1626.5000 - 1660.5000 MHz                      50K0D7W                      21.00 dBW

ANTENNA ID: T&T                      0.21 meters                      Thrane and Thrane                      T&T Lite

1525.0000 - 1559.0000 MHz                      12K5G7W                      0.00 dBW

1525.0000 - 1559.0000 MHz                      200KD7W                      0.00 dBW

1525.0000 - 1559.0000 MHz                      50K0D7W                      0.00 dBW

1626.5000 - 1660.5000 MHz                      50K0D7W                      16.10 dBW

1626.5000 - 1660.5000 MHz                      200KD7W                      16.10 dBW

ANTENNA ID: Nera                      0.125 meters                      Nera                      Nera PUT

1525.0000 - 1559.0000 MHz                      12K5G7W                      0.00 dBW

1525.0000 - 1559.0000 MHz                      200KG7W                      0.00 dBW

1525.0000 - 1559.0000 MHz                      50K0G7W                      0.00 dBW

1626.5000 - 1660.5000 MHz                      200KG7W                      11.00 dBW

1626.5000 - 1660.5000 MHz                      25K0G7W                      11.00 dBW

ANTENNA ID: AddValue                      0.2 meters                      AddValue                      AddValue PUT

1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW
1525.0000 - 1559.0000 MHz	200KG7W	0.00 dBW
1525.0000 - 1559.0000 MHz	50K0G7W	0.00 dBW
1626.5000 - 1660.5000 MHz	200KG7W	11.00 dBW
1626.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW

**Points of Communication:**

Multiple - INMARSAT 4F2 - (52.75)

**SES-LFS-20051011-01396** E E050284 FTMSC US, LLC

License to communicate with a Foreign Satellite

**Class of Station:** Mobile Earth Station

**Nature of Service:** Mobile Satellite Service

FTMSC seeks a blanket license for 20,000 mobile earth terminals to provide Broadband Global Area Network ('BGAN') services in the United States using the Inmarsat 4F2 Satellite operating over L-band service link frequencies.

SITE ID: N/A - Multiple

LOCATION:

ANTENNA ID: 1	0.35 meters	Hughes Network Systems	HNS Briefcase
1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW	NULL
1525.0000 - 1559.0000 MHz	200KD7W	0.00 dBW	NULL
1525.0000 - 1559.0000 MHz	50K0D7W	0.00 dBW	NULL
1626.5000 - 1660.5000 MHz	200KD7W	21.00 dBW	NULL
1626.5000 - 1660.5000 MHz	50K0D7W	21.00 dBW	NULL
ANTENNA ID: 2	0.21 meters	Thrane and Thrane	T&T Lite
1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW	NULL
1525.0000 - 1559.0000 MHz	200KD7W	0.00 dBW	NULL
1525.0000 - 1559.0000 MHz	50K0D7W	0.00 dBW	NULL
1626.5000 - 1660.5000 MHz	50K0D7W	16.10 dBW	NULL
1626.5000 - 1660.5000 MHz	200KD7W	16.10 dBW	NULL

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ANTENNA ID: 3	0.125 meters	NERA	NERA PUT
1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW	NULL
1525.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	NULL
1525.0000 - 1559.0000 MHz	50K0G7W	0.00 dBW	NULL
1626.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	NULL
1626.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW	NULL
ANTENNA ID: 4	0.2 meters	Add Value	Add Value PUT
1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW	NULL
1525.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	NULL
1525.0000 - 1559.0000 MHz	50K0G7W	0.00 dBW	NULL
1626.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	NULL
1626.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW	NULL

**Points of Communication:**

N/A - Multiple - INMARSAT 4F2 - (52.75)

**SES-LIC-20051017-01413** E E050290 RELAY HOUSE 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: 2.4C	2.4 meters	AVL TECHNOLOGY	2400C
5925.0000 - 6425.0000 MHz	36M0G7W	67.52 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
5925.0000 - 6425.0000 MHz	4M00G7W	57.98 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 2.4K	2.4 meters	AVL TECHNOLOGY	2400K

14000.0000 - 14500.0000 MHz	4M00G7W	55.30 dBW	DIGITAL TRAFFIC, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS FEC
14000.0000 - 14500.0000 MHz	36M0G7W	74.84 dBW	DIGITAL TRAFFIC, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS FEC

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-LIC-20051018-01422** E E050291 Storefront Television

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1040 N. Las Palmas Bldg. 25, Third Floor, Los Angeles, Los Angeles, CA

34 ° 5 ' 24.00 " N LAT.

118 ° 20 ' 9.60 " W LONG.

ANTENNA ID: 1	3.8 meters	Prodelin Corporation	1383
3700.0000 - 4200.0000 MHz	8M00G7W -		Digital Video, Voice, and Data
3700.0000 - 4200.0000 MHz	10M0G7W		Digital Video, Voice, and Data
5987.5000 - 6080.8000 MHz	8M00G7W -	62.53 dBW	Digital Video, Voice, and Data
5987.5000 - 6080.8000 MHz	10M0G7W	62.53 dBW	Digital Video, Voice, and Data
6138.3000 - 6241.4000 MHz	8M00G7W -	62.53 dBW	Digital Video, Voice, and Data
6138.3000 - 6241.4000 MHz	10M0G7W	62.53 dBW	Digital Video, Voice, and Data
6271.7000 - 6425.0000 MHz	8M00G7W -	62.53 dBW	Digital Video, Voice, and Data
6271.7000 - 6425.0000 MHz	10M0G7W	62.53 dBW	Digital Video, Voice, and Data

**Points of Communication:**

1 - GALAXY 4R - (99 W.L.)

**SES-LIC-20051021-01437** E E050295 ARROWHEAD GLOBAL SOLUTIONS, INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service



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SITE ID: 1  
LOCATION: Bay Street Togiak Airport, Togiak, Togiak, AK  
59 ° 3 ' 22.00 " N LAT. 160 ° 22 ' 59.10 " W LONG.

ANTENNA ID: 1	4.5 meters	Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	44K8G7W -		Digital Voice and Data
3700.0000 - 4200.0000 MHz	89K6G7W		Digital Voice and Data
5925.0000 - 6425.0000 MHz	44K8G7W -	42.30 dBW	Digital Voice and Data
5925.0000 - 6425.0000 MHz	89K6G7W	45.30 dBW	Digital Voice and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20051021-01438** E E050296 ARROWHEAD GLOBAL SOLUTIONS, INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: Pungowiyi Road Savoonga Airport, St. Lawrence Island, Savoonga, AK  
63 ° 41 ' 12.00 " N LAT. 170 ° 29 ' 36.00 " W LONG.

ANTENNA ID: 1	4.5 meters	Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	44K8G7W -		Digital Voice and Data
3700.0000 - 4200.0000 MHz	359KG7W		Digital Voice and Data
5925.0000 - 6425.0000 MHz	44K8G7W -	41.70 dBW	Digital Voice and Data
5925.0000 - 6425.0000 MHz	359KG7W	50.70 dBW	Digital Voice and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20051021-01439** E E050297 ARROWHEAD GLOBAL SOLUTIONS, INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: Mekoryuk Airport Road Mekoryuk Airport, Nunivak Island, Mekoryuk, AK  
60 ° 23 ' 8.10 " N LAT. 166 ° 12 ' 41.80 " W LONG.

ANTENNA ID: 1	4.5 meters	Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	44K8G7W -		Digital Voice and Data
3700.0000 - 4200.0000 MHz	205KG7W		Digital Voice and Data
5925.0000 - 6425.0000 MHz	44K8G7W -	42.90 dBW	Digital Voice and Data
5925.0000 - 6425.0000 MHz	205KG7W	49.50 dBW	Digital Voice and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20051021-01440** E E050298 ARROWHEAD GLOBAL SOLUTIONS, INC.  
Application for Authority  
**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: INDIAN MOUNTAIN LRSS, INDIAN MOUNTAIN, INDIAN MOUNTAIN, AK  
66 ° 4 ' 7.00 " N LAT. 153 ° 41 ' 16.00 " W LONG.

ANTENNA ID: A1	4.5 meters	SCIENTIFIC-ATLANTA	8345
3700.0000 - 4200.0000 MHz	44K8G7W -		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	359KG7W		DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	44K8G7W -	42.60 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	359KG7W	51.60 dBW	DIGITAL VOICE AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20051021-01441** E E050299 ARROWHEAD GLOBAL SOLUTIONS, INC.  
Application for Authority  
**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: AIRPORT SPUR ROAD DILLINGHAM AIRPORT, DILLINGHAM, DILLINGHAM, AK  
59 ° 2 ' 44.20 " N LAT. 158 ° 30 ' 11.90 " W LONG.

ANTENNA ID: A1	4.5 meters	SCIENTIFIC-ATLANTA	8345
3700.0000 - 4200.0000 MHz	44K8G7W -		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	359KG7W		DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	44K8G7W -	42.60 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	359KG7W	51.60 dBW	DIGITAL VOICE AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20051021-01442** E E050300 ARROWHEAD GLOBAL SOLUTIONS, INC.  
Application for Authority  
**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: CAPE LISBURNE LRRS, North Slope Borough, CAPE LISBURNE, AK  
68 ° 52 ' 27.00 " N LAT. 166 ° 6 ' 33.10 " W LONG.

ANTENNA ID: A1	4.5 meters	SCIENTIFIC-ATLANTA	8345
3700.0000 - 4200.0000 MHz	44K8G7W -		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	359KG7W		DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	44K8G7W -	42.60 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	359KG7W	51.60 dBW	DIGITAL VOICE AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20051021-01449** E E050307 ARROWHEAD GLOBAL SOLUTIONS, INC.  
Application for Authority  
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: Airport Road Buckland Airport, NW Arctic Borough, Buckland, AK  
65 ° 58 ' 40.00 " N LAT. 161 ° 8 ' 48.00 " W LONG.

ANTENNA ID: 1	4.5 meters	Scientific Atlanta	8345
3700.0000 - 4200.0000 MHz	44K8G7W -		Digital Voice and Data
3700.0000 - 4200.0000 MHz	359KG7W		Digital Voice and Data
5925.0000 - 6425.0000 MHz	44K8G7W -	42.60 dBW	Digital Voice and Data
5925.0000 - 6425.0000 MHz	359KG7W	51.60 dBW	Digital Voice and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20051021-01460** E E050311 PanAmSat Licensee Corp.  
Application for Authority  
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 5281 East Garton Road, Douglas, Castle Rock, CO  
39 ° 16 ' 36.00 " N LAT. 104 ° 48 ' 29.00 " W LONG.

ANTENNA ID: 1	4.8 meters	Vertex	4.8 KPC
5925.0000 - 6425.0000 MHz	64K0G3W	56.00 dBW	Digital video and data
5925.0000 - 6425.0000 MHz	200KG3D	60.00 dBW	Digital video and data
3700.0000 - 4200.0000 MHz	64K0G3W		
3700.0000 - 4200.0000 MHz	200KG3D		

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20051024-01461** E E050312 ARROWHEAD GLOBAL SOLUTIONS, INC.  
Application for Authority  
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: Airport Road New St. George Airport, Pribilof Islands, St. George, AK  
 56 ° 34 ' 43.00 " N LAT. 169 ° 39 ' 45.00 " W LONG.

ANTENNA ID: 1	4.5 meters	Scientific Atlanta	8345
3700.0000 - 4200.0000 MHz	44K8G7W -		Digital Voice and Data
3700.0000 - 4200.0000 MHz	359KG7W		Digital Voice and Data
5925.0000 - 6425.0000 MHz	44K8G7W -	42.60 dBW	Digital Voice and Data
5925.0000 - 6425.0000 MHz	359KG7W	51.60 dBW	Digital Voice and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20051006-01384** E E980122 Globecom Systems, Inc.  
 Application for Modification  
**Class of Station:** Fixed Earth Stations

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

Modification application filed to add another 3.8 meter antenna, add ALSAT as a point of communication, and emission designators, with assigned frequencies to provide digital voice and data services.

SITE ID: AOT-4 , AOT-8,  
 LOCATION: 45 OSER AVENUE, SUFFOLK, HAUPPAUGE, NY  
 40 ° 48 ' 54.40 " N LAT. 73 ° 14 ' 17.40 " W LONG.

ANTENNA ID: AOT-8	3.8 meters	PRODELIN	1381
5925.0000 - 6425.0000 MHz	174KG7D	50.60 dBW	Data
5925.0000 - 6425.0000 MHz	174KG7D	50.60 dBW	Data
5925.0000 - 6425.0000 MHz	12M0G7D	69.00 dBW	Data
5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW	Data
5925.0000 - 6425.0000 MHz	12M0G7D	69.00 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC

5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	12M0G7D		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	51K2G7D		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	174KG7D		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	2M45G7W		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
ANTENNA ID: AOT-4	3.8 meters	PRODELIN	1381
5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW	DIGITAL VOICE/DATA, QPSK 1/2 FEC 2048 KBPS
5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW	DIGITAL DATA, QPSK 3/4 FEC 64.0 KBPS
5925.0000 - 6425.0000 MHz	12M0G7D	69.00 dBW	DIGITAL VOICE/DATA, QPSK 1/2 FEC 2048 KBPS
5925.0000 - 6425.0000 MHz	174KG7D	50.60 dBW	DIGITAL DATA, QPSK 3/4 FEC 64.0 KBPS
5925.0000 - 6425.0000 MHz	12M0G7D	69.00 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	174KG7D	50.60 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW	QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	12M0G7D		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	51K2G7D		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	174KG7D		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC
3700.0000 - 4200.0000 MHz	2M45G7W		QPSK DIGITAL VARIOUS DATA RATES, VARIOUS FEC

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SITE ID: AOT-21  
LOCATION: 45 OSER AVENUE, SUFFOLK, HAUPPAUGE, NY  
40 ° 48 ' 54.40 " N LAT. 73 ° 14 ' 17.40 " W LONG.

ANTENNA ID:	AOT-21	3.8 meters	PRODELIN CORP.	1381
	3700.0000 - 4200.0000 MHz	12M0G7D		DIGITAL VOICE AND DATA
	3700.0000 - 4200.0000 MHz	2M45G7W		DIGITAL VOICE AND DATA
	3700.0000 - 4200.0000 MHz	51K2G7D		DIGITAL VOICE AND DATA
	5925.0000 - 6425.0000 MHz	12M0G7W	69.00 dBW	DIGITAL VOICE AND DATA
	5925.0000 - 6425.0000 MHz	2M45G7W	62.10 dBW	DIGITAL VOICE AND DATA
	5925.0000 - 6425.0000 MHz	51K2G7D	45.30 dBW	DIGITAL VOICE AND DATA

**Points of Communication:**

AOT-21 - ALSAT - (ALSAT)  
AOT-4 , AOT-8, - ALSAT - (ALSAT)  
AOT-4 , AOT-8, - ANIK E1 - (118.7 W.L.)  
AOT-4 , AOT-8, - ANIK E2 - (111.1 W.L.)  
AOT-4 , AOT-8, - ANIK F1 - (107.3 W.L.)  
AOT-4 , AOT-8, - COL515 - (37.7 W.L.)  
AOT-4 , AOT-8, - INTELSAT 805 - (304.5 E.L.)  
AOT-4 , AOT-8, - INTELSAT AOR - (307.0 E.L.)  
AOT-4 , AOT-8, - INTELSAT AOR - (310.0 E.L.)  
AOT-4 , AOT-8, - INTELSAT AOR - (325.5 E.L.)  
AOT-4 , AOT-8, - INTELSAT AOR - (328.5 E.L.)  
AOT-4 , AOT-8, - INTELSAT AOR - (330.5 E.L.)  
AOT-4 , AOT-8, - INTELSAT AOR - (332.5 E.L.)  
AOT-4 , AOT-8, - INTELSAT AOR - (335.5 E.L.)  
AOT-4 , AOT-8, - INTELSAT AOR - (342.0 E.L.)  
AOT-4 , AOT-8, - New Skies 806 - (319.5 E.L.)  
AOT-4 , AOT-8, - NSS-5 - (183 E.L.)

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AOT-4 , AOT-8, - PAS-1R - (45.0 W.L.)

AOT-4 , AOT-8, - PAS-3R - (43.0 W.L.)

AOT-4 , AOT-8, - PAS-9 - (58.0 W.L.)

AOT-4 , AOT-8, - SATMEX-5 - (116.8 W.L.)

AOT-4 , AOT-8, - TDRS-6 - (47.0 W.L.)

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**SES-MOD-20051007-01380** E E873926 NBC Telemundo License Co.

Application for Modification

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

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

"MOD" to change emission designator and related service and to replace antenna.

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1	1.5 meters	ADVENT COMMUNICATION	150KMA
14000.0000 - 14500.0000 MHz	36M0G7W	64.33 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	36M0F3F	64.33 dBW	ANALOG FM VIDEO AND FM AUDIO SUBCARRIERS

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20051013-01402** E E030077 HELMERICH & PAYNE, INC.

Application for Modification

**Class of Station:** VSAT Network

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

"MOD" to add Prodelin 1.2 meter remote antennas to the licensed VSAT network.

SITE ID: HUB 2

LOCATION: 1437 SOUTH BOULDER AVENUE (3.7METER), TULSA, TULSA, OK

36 ° 8 ' 29.90 " N LAT.

95 ° 59 ' 18.20 " W LONG.

ANTENNA ID: AND 2	3.7 meters	ANDREW CORPORATION	ESA37
14000.0000 - 14500.0000 MHz	512KG1D	59.90 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M46G1D	66.70 dBW	DIGITAL DATA



14000.0000 - 14500.0000 MHz	20K2G1D-	45.80 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	512KG1D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	52K0G1D -		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M46G1D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	20K2G1D-		DIGITAL DATA

SITE ID: REMOTE 1  
LOCATION: VSAT 1.8METER, CONUS, (400 UNITS)

ANTENNA ID: CM 1 1.8 meters CHANNEL MASTER 1.8M

14000.0000 - 14500.0000 MHz	512KG1D	53.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	52K0G1D -	44.10 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M46G1D	53.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	20K2G1D-	40.00 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	512KG1D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M46G1D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	20K2G1D-		DIGITAL DATA

SITE ID: REMOTE 2  
LOCATION: VSAT P 1.2 METER, VARIOUS, (400 UNITS)

ANTENNA ID: P1.2M. 1.2 meters PRODELIN 120TX

14000.0000 - 14500.0000 MHz	2M46G1D	49.32 dBW	DIGITAL DATA, 3/4 FEC, QPSK, 3072 KBPS
14000.0000 - 14500.0000 MHz	409KG1D	49.32 dBW	DIGITAL DATA, 3/4 FEC, QPSK, 512 KBPS
11700.0000 - 12200.0000 MHz	2M46G1D		DIGITAL DATA, 3/4 FEC, QPSK, 3072 KBPS
11700.0000 - 12200.0000 MHz	409KG1D		DIGITAL DATA, 3/4 FEC, QPSK, 512 KBPS

SITE ID: HUB 1  
LOCATION: 6711 E. 41ST. STREET (3.7METER), TULSA, TULSA, OK  
36 ° 6 ' 15.00 " N LAT. 95 ° 54 ' 8.00 " W LONG.

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ANTENNA ID: AND 1	3.7 meters	ANDREW CORPORATION	ESA37
14000.0000 - 14500.0000 MHz	512KG1D	59.90 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M46G1D	66.70 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	20K2G1D-	45.80 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	512KG1D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	52K0G1D -		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M46G1D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	20K2G1D-		DIGITAL DATA

**Points of Communication:**

HUB 1 - ALSAT - (ALSAT)

HUB 2 - ALSAT - (ALSAT)

REMOTE 1 - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

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**SES-MOD-20051017-01416** E E050245 village video productions inc  
Application for Modification

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

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

"MOD" to increase EIRP and EIRP density and add frequency.

SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 2.4C	2.4 meters	AVL TECHNOLOGIES	2400C
5925.0000 - 6425.0000 MHz	36M0G7W	67.52 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
5925.0000 - 6425.0000 MHz	4M00G7W	55.90 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
ANTENNA ID: 2.4K	2.4 meters	AVL TECHNOLOGIES	2400K
14000.0000 - 14500.0000 MHz	36M0F3F	76.29 dBW	STANDARD VIDEO WITH ANALOG SUBCARRIERS

14000.0000 - 14500.0000 MHz	36M0G7W	74.84 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	51K2G7W	46.37 dBW	DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS FEC, VARIOUS DATA RATES

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20051021-01433** E E970354 Space Imaging LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

Modification application along with a waiver to seeks authority to reduce the receive-only elevation angle of this earth station from 5 degrees to 0.0 degrees.

**SITE ID:** OGT-1

**LOCATION:** STATE HIGHWAY 9 & MAY AVE., NORMAN, OK

35 ° 10 ' 52.00 " N LAT.

97 ° 33 ' 58.00 " W LONG.

<b>ANTENNA ID:</b> 1	9.1 meters	SCIENTIFIC-ATLANTA	530225
8346.0000 - 8346.0000 MHz	64K0G1D		IMAG/DATA
8185.0000 - 8185.0000 MHz	320MG7D		IMAG/DATA
2052.0000 - 2052.0000 MHz	36K0G2D	53.00 dBW	TT&C
2052.0000 - 2052.0000 MHz	68K0G2D	53.00 dBW	BPSK(TT&C)
2042.0000 - 2042.0000 MHz	36K0G2D	53.00 dBW	TT&C
2042.0000 - 2042.0000 MHz	68K0G2D	53.00 dBW	BPSK(TT&C)

**Points of Communication:**

OGT-1 - IKONOS-1 - (NGSO)

OGT-1 - IKONOS-2 - (NGSO)

**SES-MOD-20051021-01434** E E970271 Space Imaging LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

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Modification application along with a waiver to seeks authority to reduce the receive-only elevation angle of this earth station from 5 degrees to 0.0 degrees.

SITE ID: CGT-1

LOCATION: 12076 GRANT STREET, THORNTON, CO

39 ° 54 ' 59.00 " N LAT.

104 ° 58 ' 59.00 " W LONG.

ANTENNA ID: 1	9.1 meters	SCIENTIFIC-ATLANTA	530225
8346.0000 - 8346.0000 MHz	64K0G1D		IMAG DATA
8185.0000 - 8185.0000 MHz	320MG7D		IMAG DATA
2052.0000 - 2052.0000 MHz	36K0G2D	53.00 dBW	TT&C
2052.0000 - 2052.0000 MHz	68K0G2D	53.00 dBW	BPSK(TT&C)
2042.0000 - 2042.0000 MHz	36K0G2D	53.00 dBW	TT&C
2042.0000 - 2042.0000 MHz	68K0G2D	53.00 dBW	BPSK (TT&C)

**Points of Communication:**

CGT-1 - IKONOS-1 - (NGSO)

CGT-1 - IKONOS-2 - (NGSO)

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**SES-MOD-20051021-01435** E E970270 Space Imaging LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

Modification application along with a waiver to seeks authority to reduce the receive-only elevation angle of this earth station from 5 degrees to 0.0 degrees.

SITE ID: AGT-1

LOCATION: 1625 RICHARDSON HIGHWAY, FAIRBANKS, AK

64 ° 47 ' 40.00 " N LAT.

147 ° 32 ' 13.00 " W LONG.

ANTENNA ID: 1	9.1 meters	SCIENTIFIC-ATLANTA	530225
8346.0000 - 8346.0000 MHz	64K0G1D		IMAG DATA
8328.8000 - 8371.2000 MHz	42M4G7D		QPSK (IRS-1D IMAGERY DATA)
8328.8000 - 8371.2000 MHz	42M4G7D		QPSK (IRS-1C IMAGERY DATA)
8247.5000 - 8352.5000 MHz	105MG7D		QPSK/ Image Data via ResourceSat-1 (IRS P6)

8185.0000 - 8185.0000 MHz	320MG7D		IMAG DATA
8107.5000 - 8192.4000 MHz	84M9G7D		QPSK (IRS-1D IMAGERY DATA)
8107.5000 - 8192.4000 MHz	84M9G7D		QPSK (IRS-1C IMAGERY DATA)
8072.5000 - 8177.5000 MHz	105MG7D		QPSK/ Image Data via ResourceSat-1 (IRS P6)
2052.0000 - 2052.0000 MHz	36K0G2D	53.00 dBW	TT&C
2052.0000 - 2052.0000 MHz	68K0G2D	53.00 dBW	BPSK (TT&C)
2042.0000 - 2042.0000 MHz	36K0G2D	53.00 dBW	TT&C
2042.0000 - 2042.0000 MHz	68K0G2D	53.00 dBW	BPSK(TT&C)

**Points of Communication:**

AGT-1 - IKONOS-1 - (NGSO)

AGT-1 - IKONOS-2 - (NGSO)

AGT-1 - IRS-1C - (NGSO)

AGT-1 - IRS-1D - (NGSO)

AGT-1 - IRS-P6 - (NGSO)

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**SES-MOD-20051021-01436** E E960463 Space Imaging LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

Modification application along with a waiver to seeks authority to reduce the receive-only elevation angle of this earth station from 5 degrees to 0.0 degrees.

**SITE ID:** 1

**LOCATION:** ROUTE 1, BOX 138EO, ST. HWY. 9W, MCLAIN, NORMAN, OK

35 ° 10 ' 47.20 " N LAT.

97 ° 33 ' 59.30 " W LONG.

**ANTENNA ID:** 1                      11 meters                      DATRON                      79092

8328.8000 - 8371.2000 MHz                      42M4G7D                      Image Data via IRS-1C

8328.8000 - 8371.2000 MHz                      42M4G7D                      Image Data via IRS-1D

8305.6000 - 8326.4000 MHz                      20M8G7D                      Image Data via IRS-1B

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8247.5000 - 8352.5000 MHz	105MG7D	QPSK/ Image Data via ResourceSat-1 (IRS P6)
8107.5000 - 8192.4000 MHz	84M9G7D	Image Data via IRS-1C
8087.5000 - 8192.5000 MHz	105MG7D	Image Data via ERS-2
8087.5000 - 8192.5000 MHz	105MG7D	Image Data via ERS-1
8072.5000 - 8177.5000 MHz	105MG7D	QPSK/ Image Data via ResourceSat-1 (IRS P6)

**Points of Communication:**

- 1 - ERS-1 - (NGSO)
- 1 - ERS-2 - (NGSO)
- 1 - IRS-1B - (NGSO)
- 1 - IRS-1C - (NGSO)
- 1 - IRS-1D - (NGSO)
- 1 - IRS-P6 - (NGSO)

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**SES-MOD-20051021-01452** E E960072 Vyvx, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification filed to add another 4.5 meter antenna, and to add new emission designators, and new frequency bands.

SITE ID: 1

LOCATION: 9174 SOUTH JAMAICA STREET, DOUGLAS, ENGLEWOOD, CO  
 39 ° 33 ' 1.00 " N LAT. 104 ° 51 ' 53.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW 4.5

14000.0000 - 14500.0000 MHz 36M0F9W 65.70 dBW

11700.0000 - 12200.0000 MHz 36M0F9W

ANTENNA ID: 2 4.5 meters ANDREW CORP. ESA45

3700.0000 - 4200.0000 MHz 36M0F3F  
 STANDARD ANALOG VIDEO  
 WITH ASSOCIATED AUDIO  
 SUBCARRIER

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5925.0000 - 6425.0000 MHz	36M0F3F	72.69 dBW	STANDARD ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIER
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL INFORMATION, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS TRAFFIC TYPES
3700.0000 - 4200.0000 MHz	51K2G7W		DIGITAL INFORMATION, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS TRAFFIC TYPES
5925.0000 - 6425.0000 MHz	36M0G7W	71.74 dBW	DIGITAL INFORMATION, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS TRAFFIC TYPES
5925.0000 - 6425.0000 MHz	51K2G7W	43.27 dBW	DIGITAL INFORMATION, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS TRAFFIC TYPES

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - MORELOS-2 - (116.8 W.L.)
- 1 - SOLIDARIDAD F-1 - (109.2 W.L.)
- 1 - SOLIDARIDAD F-2 - (113.0 W.L.)

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**SES-STA-20051019-01426** E HARRIS CORPORATION  
Special Temporary Authority  
**Class of Station:**

Extension of Special Temporary Authority to continue to operate ten (10) "CSAT" transmit/receive earth stations in the areas affected by Hurricane Katrina.

**Points of Communication:**

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**SES-STA-20051020-01432** E ARD German Television  
Special Temporary Authority  
**Class of Station:**

STA Extension (SES-STA-20050923-01314) request for an additional 90 days to continue to provide communications in areas impacted by Hurricane Katrina and/or Rita.

**Points of Communication:**

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