



# PUBLIC NOTICE

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

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Report No. SES-00736

Wednesday August 3, 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.

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**SES-ASG-20050727-00995** E E930214 Backlot Communications, LLC  
Application for Consent to Assignment  
**Current Licensee:** Backlot Communications, LLC  
**FROM:** BACKLOT COMMUNICATIONS, LLC  
**TO:** Island Uplink

No. of Station(s) listed: 1

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**SES-LIC-20050629-00844** E E050224 Viacom Communications Services, Inc.  
Application for Authority  
**Class of Station:** Temporary Fixed Earth Station  
  
**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: 513 W 57ND STREET(WCBS-TV) NEW YORK, NY 10019, VARIOUS

ANTENNA ID: 1	1.5 meters	ADVENT	NEWSWIFT
11700.0000 - 12200.0000 MHz		36M0G7W	TELEVISION, DATA, MCPC
14000.0000 - 14500.0000 MHz		36M0G7W	66.87 dBW
			TELEVISION, DATA, MCPC

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20050727-00996** E E940294 JOURNAL BROADCAST CORPORATION

Application for Authority

**Class of Station:** Fixed Earth Stations

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

A Reinstatement of an expired Ku-band Transmit/Receive Earth Station License.

**SITE ID:** 1

**LOCATION:** 3355 SOUTH VALLEY VIEW BLVD., CLARK, LAS VEGAS, NV  
36 ° 7 ' 44.20 " N LAT. 115 ° 11 ' 28.40 " W LONG.

<b>ANTENNA ID:</b> 1	4.6 meters	ANDREW CORP.	ESA46-124
14000.0000 - 14500.0000 MHz	36M0F8W	72.40 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20050801-01008** E E050233 Alascom, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 170 MILES NORTHWEST OF, FAIRBANKS, AK  
66 ° 48 ' 45.00 " N LAT. 150 ° 39 ' 56.00 " W LONG.

<b>ANTENNA ID:</b> 1	4.5 meters	ANDREW CORP	ESA45-46
3700.0000 - 4200.0000 MHz	1M24G7W		PSK & QAM, VOICE & DATA
5925.0000 - 6425.0000 MHz	1M24G7W	60.60 dBW	PSK & QAM, VOICE & DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20050801-01009** E E050234 Alascom, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 260 MILES NORTH OF, FAIRBANKS, AK  
68 ° 25 ' 21.00 " N LAT. 149 ° 21 ' 24.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP ESA45-46  
3700.0000 - 4200.0000 MHz 1M24G7W PSK & QAM, VOICE & DATA  
5925.0000 - 6425.0000 MHz 1M24G7W 60.60 dBW PSK & QAM, VOICE & DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MFS-20050719-00934** E E030159 IWL COMMUNICATIONS INC DBA CAPROCK SERVICES CORP

Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to add SAT MEX 5, extend satellite arc and change the remote control point.

SITE ID: 1  
LOCATION: Offshore Louisiana, N/A, Gulf of Mexico  
27 ° 18 ' 19.00 " N LAT. 93 ° 32 ' 20.00 " W LONG.

ANTENNA ID: 1 2.4 meters GUNNISON 9797  
5925.0000 - 6425.0000 MHz 1M00G1W 48.97 dBW Digital Data, QPSK  
3700.0000 - 4200.0000 MHz 1M00G1W Digital Data, QPSK  
5925.0000 - 6425.0000 MHz 300KG1W 43.50 dBW DIGITAL DATA QPSK  
3700.0000 - 4200.0000 MHz 300KG1W DIGITAL DATA QPSK

**Points of Communication:**

1 - AMC-9 - (83 W.L.)

1 - PAS-9 - (58.0 W.L.)

1 - SATMEX-5 - (116.8 W.L.)

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**SES-MFS-20050721-00951** E E000166 HNS License Sub, LLC

Modification

**Class of Station:** VSAT Network

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

Modification filed to add new emission designators, to increase the EIRP and EIRP density, to add antennas, and to add new points of communication.

SITE ID: TF TR 1.2M  
 LOCATION: CONUS, AK, HI, PR, VI 1.2 M (50,000 UNITS)

ANTENNA ID:	TF TR 1.2	1.2 meters	PRODELIN	1134
	14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
	14000.0000 - 14500.0000 MHz	800KG7D	46.10 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
	11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
	11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
	11700.0000 - 12200.0000 MHz	30M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	800KG7W	46.10 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER

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14000.0000 - 14500.0000 MHz	1M60G7D	46.10 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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SITE ID: R1.2M

LOCATION: VSAT 1.2M (10 UNITS) CONUS, AK, HI, PR, VI

ANTENNA ID: R1.2	1.2 meters	PRODELIN	1134
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11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
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SITE ID: Tx & Rx- 0.74M

LOCATION: VSAT 0.74M (98 x 56 cm) (350,000 UNITS), & VI, CONUS, AK, HI, PR

ANTENNA ID: TR74	0.74 meters	PRODELIN	HANT-91TR
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14000.0000 - 14500.0000 MHz	200KG7D	39.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	42.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	24M0G7D	0.00 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
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14000.0000 - 14500.0000 MHz	800KG7D	42.00 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	800KG7D		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	1M60G7D	42.00 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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SITE ID: Rx-only- 0.74M  
LOCATION: VSAT 0.74M (98 x 56 cm) (1,000,000 UNITS), & VI, CONUS, AK, HI, PR

ANTENNA ID:	RO74	0.74 meters	PRODELIN	HANT-91R
	11700.0000 - 12200.0000 MHz		24M0G7D	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz		36M0G7D	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: TR 1.2M  
LOCATION: VSAT 1.2M (100,000 UNITS) CONUS, AK, HI, VI, PR

ANTENNA ID:	TR 1.2M	1.2 meters	PRODELIN CORP.	1134	
	14000.0000 - 14500.0000 MHz		200KG7D	46.10 dBW	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz		400KG7D	46.10 dBW	QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz		200KG7D	46.10 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
	14000.0000 - 14500.0000 MHz		400KG7D	46.10 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
	14000.0000 - 14500.0000 MHz		800KG7D	46.10 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
	11700.0000 - 12200.0000 MHz		24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz		36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz		400KG7D		BPSK OR MSK, DATA, 256 KSPS, OUTROUTE CARRIER
	11700.0000 - 12200.0000 MHz		1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
	11700.0000 - 12200.0000 MHz		12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	46.10 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	46.10 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TR 1.8M  
LOCATION: VSAT 1.8M (50,000 UNITS) CONUS, AK, HI, VI, PR

ANTENNA ID: TR 1.8	1.8 meters	PRODELIN CORP.	1184
14000.0000 - 14500.0000 MHz	200KG7D	49.70 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	49.70 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	49.70 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	49.70 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	49.70 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

14000.0000 - 14500.0000 MHz	800KG7D	49.70 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	49.70 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: HUB-B  
LOCATION: 7.6M (HUB) 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD  
39 ° 10 ' 46.00 " N LAT. 77 ° 14 ' 41.00 " W LONG.

ANTENNA ID: HubB7.6 7.6 meters ANDREW CORP. ES76K-1

14000.0000 - 14500.0000 MHz	24M0G7D	78.00 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	78.00 dBW	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	47.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	53.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D	0.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER

SITE ID: TR 1.0M  
LOCATION: VSAT 1.0M (135 cm x 58 cm) (100,000 UNITS), CONUS, AK,HI,VI,PR

ANTENNA ID: TR 1.0 1 meters PRODELIN CORP. (135 cm x 58 cm) 1102

14000.0000 - 14500.0000 MHz	200KG7D	44.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER



14000.0000 - 14500.0000 MHz	200KG7D	44.00 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.00 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	44.00 dBW	BPSK OR MSK, DATA 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 11200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: TR 98CM

LOCATION: VSAT 0.98M (60,000 UNITS), CONUS, AK, HI, PR,VI

ANTENNA ID: TR98                      0.98 meters                      PRODELIN                      9008668

14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D	0.00 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER

11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
ANTENNA ID: TR 98 CM	0.98 meters	PRODELIN	9008668
14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TF TR 98CM  
LOCATION: VSAT 0.98M temporary-fixed (54,000 UNITS), CONUS, AK, HI, PR,VI

ANTENNA ID: TF TR 98	0.98 meters	PRODELIN	9008668
14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D	0.00 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TF TR 74CM  
LOCATION: VSAT 0.74M (98 x 56 cm) temporary-fixed (60,200 UNITS), CONUS, AK,HI,PR, VI

ANTENNA ID:	TF TR 74	0.74 meters	PRODELIN	HANT-91TR
	14000.0000 - 14500.0000 MHz	200KG7D	39.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	39.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	400KG7W	42.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	800KG7D	42.00 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	42.00 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	400KG7W		OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	800KG7D		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: HUB-A  
 LOCATION: 7.6M.(HUB) 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD  
 39 ° 10 ' 49.00 " N LAT. 77 ° 14 ' 47.00 " W LONG.

ANTENNA ID:	HubA7.6M	7.6 meters	ANDREW CORP.	ES76K-1
	14000.0000 - 14500.0000 MHz	24M0G7D	78.00 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER

14000.0000 - 14500.0000 MHz	36M0G7D	78.00 dBW	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	47.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	53.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER

SITE ID: Rx-only- 0.66M

LOCATION: VSAT 0.66M (49 x 89 cm) (1,500,000 UNITS), & VI, CONUS, AK, HI, PR

ANTENNA ID: RO/0.66M      0.66 meters      CHANNEL MASTER      646101

11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: TR 2.4M

LOCATION: VSAT 2.4M (11,000 units), CONUS, AK, HI, VI, P

ANTENNA ID: TR 2.4M      2.4 meters      PRODELIN CORP.      1244

14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	52.20 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER

14000.0000 - 14500.0000 MHz	400KG7D	52.20 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	52.20 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	52.20 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	52.20 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: HUB-C 7.6M

LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD

39 ° 10 ' 43.00 " N LAT.

77 ° 14 ' 51.00 " W LONG.

ANTENNA ID: HubC 7.6M      7.6 meters      NEC      APS-12/14-F64A

14000.0000 - 14500.0000 MHz	400KG7D	59.00 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	65.00 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	6M00G7D	70.80 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	73.80 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

11700.0000 - 12200.0000 MHz	200KG7D	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER

SITE ID: HUB-D 7.6M  
LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD  
39 ° 10 ' 42.00 " N LAT. 77 ° 14 ' 53.00 " W LONG.

ANTENNA ID: HubD 7.6M 7.6 meters NEC APS-12/14-F0764A

14000.0000 - 14500.0000 MHz	400KG7D	59.00 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	65.00 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	6M00G7D	70.80 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	73.80 dBW	QPSK, DATA, 1024 KSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	200KG7D	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	400KG7D	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	800KG7D	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER	

SITE ID: HUB-E 6.1M  
LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD  
39 ° 10 ' 46.00 " N LAT. 77 ° 14 ' 49.00 " W LONG.

ANTENNA ID: HubE 6.1M 6.1 meters VERTEX 6.1KPK

14000.0000 - 14500.0000 MHz	400KG7D	52.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	58.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER

14000.0000 - 14500.0000 MHz	6M00G7D	67.70 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	79.70 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	97.70 dBW	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DATA, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DATA, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER

SITE ID: HUB-F 5.6M

LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD

39 ° 10 ' 46.00 " N LAT.

77 ° 14 ' 54.00 " W LONG.

ANTENNA ID: HubF 5.6M      5.6 meters      ANDREW      ES56-1

14000.0000 - 14500.0000 MHz	400KG7D	52.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	58.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	6M00G7D	67.70 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

14000.0000 - 14500.0000 MHz	24M0G7D	77.70 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	77.70 dBW	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DATA, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DATA, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 522 KSPS, INROUTE CARRIER

SITE ID: HUB-G 4.6M

LOCATION: 10450 PACIFIC CENTER COURT, SAN DIEGO, SAN DIEGO, CA

32 ° 54 ' 31.00 " N LAT.

117 ° 11 ' 26.00 " W LONG.

ANTENNA ID: HubG 4.6M      4.6 meters      VERTEX      4.57KPK

14000.0000 - 14500.0000 MHz	400KG7D	57.50 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	57.50 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER

SITE ID: TR 75 CM

LOCATION: CONUS, AK, HI, PR, VI (10,000 .75CM UNITS)

ANTENNA ID: TR 75 CM      0.75 meters      HUGHES NETWORK SYSTEMS      3000179

14000.0000 - 14500.0000 MHz	200KG7D	38.80 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	38.80 dBW	BPSK OR MSK, DATA 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: MESH 3.5M  
LOCATION: 11717 EXPLORATION LANE (5,000 3.5M UNITS), CONUS, AK, HI, VI, P

ANTENNA ID: MESH 3.5M      3.5 meters      COMTECH      846400G1

14000.0000 - 14500.0000 MHz	2M46G7D	66.20 dBW	BPSK OR QPSK, DATA, MESH CARRIER
11700.0000 - 12200.0000 MHz	2M46G7D		BPSK OR QPSK, DATA, MESH CARRIER

SITE ID: MESH 1.8M  
LOCATION: CONUS, AK, HI, PR, VI (5,000 1.8M UNITS)

ANTENNA ID: MESH 1.8M      1.8 meters      HUGHES NETWORK SYSTEMS      PES-RFT-180

14000.0000 - 14500.0000 MHz	156KG7D	48.60 dBW	BPSK OR QPSK, DATA, MESH CARRIER
11700.0000 - 12200.0000 MHz	156KG7D		BPSK OR QPSK, DATA, MESH CARRIER

SITE ID: MESH 2.4M  
LOCATION: CONUS, AK, HI, PR, VI (5,000 2.4M UNITS)

ANTENNA ID: MESH 2.4M      2.4 meters      HUGHES NETWORK SYSTEMS      PES-RFT-240

14000.0000 - 14500.0000 MHz	307KG7D	53.70 dBW	BPSK OR QPSK, DATA, MESH CARRIER
11700.0000 - 12200.0000 MHz	307KG7D		BPSK OR QPSK, DATA, MESH CARRIER

SITE ID: MESH 1.2M  
LOCATION: CONUS, AK, HI, PR, VI (5,000 1.2M UNITS)

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ANTENNA ID:	MESH 1.2M	1.2 meters	HUGHES NETWORK SYTEMS	PES-RFT-120
	14000.0000 - 14500.0000 MHz		156KG7D	45.00 dBW
				BPSK OR QPSK, DATA, MESH CARRIER
	11700.0000 - 12200.0000 MHz		156KG7D	
				BPSK OR QPSK, DATA, MESH CARRIER

SITE ID: TR 74-2 CM  
LOCATION: CONUS, AK, HI, VI, PR 500,000 (.74 METER ANTENNAS)

ANTENNA ID:	TR 74-2	0.74 meters	RAVEN	HNS-1035610
	11700.0000 - 12200.0000 MHz		6M00G7D	
				QPSK, DATA, 5 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz		12M0G7D	
				QPSK, DATA, 10 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz		24M0G7D	
				QPSK, DATA, 20 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz		36M0G7D	
				QPSK, DATA, 30 MSPS, MULTIMEDIA
	14000.0000 - 14500.0000 MHz		200KG7D	38.70 dBW
				QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz		400KG7D	41.70 dBW
				QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz		800KG7D	41.70 dBW
				QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz		1M60G7D	41.70 dBW
				QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TFTR 74-2CM  
LOCATION: CONUS, AK, HI, VI, PR 50,000 (.74 METER ANTENNAS)

ANTENNA ID:	TFTR 74-2C	0.74 meters	RAVEN	HNS-1035610
	11700.0000 - 12200.0000 MHz		6M00G7D	
				QPSK, DATA, 5 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz		12M0G7D	
				QPSK, DATA, 10 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz		24M0G7D	
				QPSK, DATA, 20 MSPS, MULTIMEDIA

11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA
14000.0000 - 14500.0000 MHz	200KG7D	38.70 dBW	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	41.70 dBW	QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	41.70 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	41.70 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TR 98CM  
LOCATION: CONUS, AK, HI, VI, PR 60,000 (.98 METER ANTENNAS)

**Points of Communication:**

- HUB-A - ALSAT - (ALSAT)
- HUB-A - GALAXY 10R - (123 W.L.)
- HUB-A - HORIZONS 1 - (127 DEG WL)
- HUB-A - IA-8 - (89 W.L.)
- HUB-A - SATMEX-5 - (116.8 W.L.)
- HUB-B - ALSAT - (ALSAT)
- HUB-B - GALAXY 10R - (123 W.L.)
- HUB-B - HORIZONS 1 - (127 DEG WL)
- HUB-B - IA-8 - (89 W.L.)
- HUB-B - SATMEX-5 - (116.8 W.L.)
- HUB-C 7.6M - ALSAT - (ALSAT)
- HUB-C 7.6M - GALAXY 10R - (123 W.L.)
- HUB-C 7.6M - HORIZONS 1 - (127 DEG WL)
- HUB-C 7.6M - IA-8 - (89 W.L.)
- HUB-C 7.6M - SATMEX-5 - (116.8 W.L.)
- HUB-D 7.6M - ALSAT - (ALSAT)
- HUB-D 7.6M - GALAXY 10R - (123 W.L.)

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HUB-D 7.6M - HORIZONS 1 - (127 DEG WL)  
HUB-D 7.6M - IA-8 - (89 W.L.)  
HUB-D 7.6M - SATMEX-5 - (116.8 W.L.)  
HUB-E 6.1M - ALSAT - (ALSAT)  
HUB-E 6.1M - GALAXY 10R - (123 W.L.)  
HUB-E 6.1M - HORIZONS 1 - (127 DEG WL)  
HUB-E 6.1M - IA-8 - (89 W.L.)  
HUB-E 6.1M - SATMEX-5 - (116.8 W.L.)  
HUB-F 5.6M - ALSAT - (ALSAT)  
HUB-F 5.6M - GALAXY 10R - (123 W.L.)  
HUB-F 5.6M - HORIZONS 1 - (127 DEG WL)  
HUB-F 5.6M - IA-8 - (89 W.L.)  
HUB-F 5.6M - SATMEX-5 - (116.8 W.L.)  
HUB-G 4.6M - ALSAT - (ALSAT)  
HUB-G 4.6M - SATMEX-5 - (116.8 W.L.)  
MESH 1.2M - ALSAT - (ALSAT)  
MESH 1.8M - ALSAT - (ALSAT)  
MESH 2.4M - ALSAT - (ALSAT)  
R1.2M - SATMEX-5 - (116.8 W.L.)  
Rx-only- 0.66M - SATMEX-5 - (116.8 W.L.)  
Rx-only- 0.74M - SATMEX-5 - (116.8 W.L.)  
TF TR 1.2M - ALSAT - (ALSAT)  
TF TR 1.2M - SATMEX-5 - (116.8 W.L.)  
TF TR 74CM - AMC 9 - (85 W.L.)  
TF TR 74CM - AMC-3 - (87 W.L.)  
TF TR 74CM - AMC-4 (formerly GE-4 - (101 W.L.)  
TF TR 74CM - GALAXY 10R - (123 W.L.)  
TF TR 74CM - GALAXY 4R - (99 W.L.)

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TF TR 74CM - GALAXY III-C - (95 W.L.)

TF TR 74CM - GALAXY XI - (91 W.L.)

TF TR 74CM - HORIZONS 1 - (127 DEG WL)

TF TR 74CM - IA-8 - (89 W.L.)

TF TR 74CM - INTELSAT AMERICAS 5 - (97 W.L.)

TF TR 74CM - SATMEX-5 - (116.8 W.L.)

TF TR 98CM - AMC 9 - (85 W.L.)

TF TR 98CM - AMC-3 - (87 W.L.)

TF TR 98CM - AMC-4 (formerly GE-4 - (101 W.L.)

TF TR 98CM - AMC-6 - (72 W.L.)

TF TR 98CM - GALAXY 10R - (123 W.L.)

TF TR 98CM - GALAXY 4R - (99 W.L.)

TF TR 98CM - GALAXY III-C - (95 W.L.)

TF TR 98CM - GALAXY XI - (91 W.L.)

TF TR 98CM - HORIZONS 1 - (127 DEG WL)

TF TR 98CM - IA-8 - (89 W.L.)

TF TR 98CM - INTELSAT AMERICAS 5 - (97 W.L.)

TF TR 98CM - SATMEX-5 - (116.8 W.L.)

TFTR 74-2CM - AMC 9 - (85 W.L.)

TFTR 74-2CM - AMC-3 - (87 W.L.)

TFTR 74-2CM - AMC-4 (formerly GE-4 - (101 W.L.)

TFTR 74-2CM - AMC-6 - (72 W.L.)

TFTR 74-2CM - GALAXY 10R - (123 W.L.)

TFTR 74-2CM - GALAXY 4R - (99 W.L.)

TFTR 74-2CM - GALAXY III-C - (95 W.L.)

TFTR 74-2CM - GALAXY XI - (91 W.L.)

TFTR 74-2CM - HORIZONS 1 - (127 DEG WL)

TFTR 74-2CM - IA-8 - (89 W.L.)

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TFTR 74-2CM - INTELSAT AMERICAS 5 - (97 W.L.)

TFTR 74-2CM - SATMEX-5 - (116.8 W.L.)

TR 1.0M - ALSAT - (ALSAT)

TR 1.0M - SATMEX-5 - (116.8 W.L.)

TR 1.2M - ALSAT - (ALSAT)

TR 1.2M - SATMEX-5 - (116.8 W.L.)

TR 1.8M - ALSAT - (ALSAT)

TR 1.8M - SATMEX-5 - (116.8 W.L.)

TR 2.4M - ALSAT - (ALSAT)

TR 2.4M - SATMEX-5 - (116.8 W.L.)

TR 74-2 CM - AMC-3 - (87 W.L.)

TR 74-2 CM - AMC-4 (formerly GE-4 - (101 W.L.)

TR 74-2 CM - AMC-6 - (72 W.L.)

TR 74-2 CM - AMC-9 - (83 W.L.)

TR 74-2 CM - GALAXY 10R - (123 W.L.)

TR 74-2 CM - GALAXY 4R - (99 W.L.)

TR 74-2 CM - GALAXY III-C - (95 W.L.)

TR 74-2 CM - HORIZONS 1 - (127 DEG WL)

TR 74-2 CM - IA-8 - (89 W.L.)

TR 74-2 CM - INTELSAT AMERICAS 5 - (97 W.L.)

TR 74-2 CM - SATMEX-5 - (116.8 W.L.)

TR 75 CM - ALSAT - (ALSAT)

TR 98CM - AMC 9 - (85 W.L.)

TR 98CM - AMC-3 - (87 W.L.)

TR 98CM - AMC-3 - (87 W.L.)

TR 98CM - AMC-4 (formerly GE-4 - (101 W.L.)

TR 98CM - AMC-6 - (72 W.L.)

TR 98CM - GALAXY 10R - (123 W.L.)

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TR 98CM - GALAXY 10R - (123 W.L.)

TR 98CM - GALAXY 4R - (99 W.L.)

TR 98CM - GALAXY 4R - (99 W.L.)

TR 98CM - GALAXY III-C - (95 W.L.)

TR 98CM - GALAXY III-C - (95 W.L.)

TR 98CM - GALAXY XI - (91 W.L.)

TR 98CM - GALAXY XI - (91 W.L.)

TR 98CM - HORIZONS 1 - (127 DEG WL)

TR 98CM - HORIZONS 1 - (127 DEG WL)

TR 98CM - IA-8 - (89 W.L.)

TR 98CM - IA-8 - (89 W.L.)

TR 98CM - INTELSAT AMERICAS 5 - (97 W.L.)

TR 98CM - SATMEX-5 - (116.8 W.L.)

TR 98CM - SATMEX-5 - (116.8 W.L.)

Tx & Rx- 0.74M - AMC 9 - (85 W.L.)

Tx & Rx- 0.74M - AMC-3 - (87 W.L.)

Tx & Rx- 0.74M - AMC-4 (formerly GE-4 - (101 W.L.)

Tx & Rx- 0.74M - AMC-6 - (72 W.L.)

Tx & Rx- 0.74M - GALAXY 10R - (123 W.L.)

Tx & Rx- 0.74M - GALAXY 4R - (99 W.L.)

Tx & Rx- 0.74M - GALAXY III-C - (95 W.L.)

Tx & Rx- 0.74M - GALAXY XI - (91 W.L.)

Tx & Rx- 0.74M - HORIZONS 1 - (127 DEG WL)

Tx & Rx- 0.74M - IA-8 - (89 W.L.)

Tx & Rx- 0.74M - INTELSAT AMERICAS 5 - (97 W.L.)

Tx & Rx- 0.74M - SATMEX-5 - (116.8 W.L.)

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**SES-MOD-20050708-00893** E E000577 RCN License Subsidiary, Inc.  
Application for Modification  
**Class of Station:** Fixed Earth Stations

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

"MOD" to remove two 2.4 meter antennas and other technical data associated with them.

SITE ID: 1  
LOCATION: 4175 Cameron Street Suite B-10, Clark, Las Vegas, NV  
36 ° 6 ' 50.70 " N LAT. 115 ° 12 ' 14.80 " W LONG.

ANTENNA ID: 1	3.8 meters	Prodelin	1381
5925.0000 - 6425.0000 MHz	27M0G1F	72.53 dBW	QPSK compressed digital video (MCPC).
3700.0000 - 4200.0000 MHz	27M0G1F	0.00 dBW	Analog and digital

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20050725-00962** E E950270 CBS Stations Group Of Texas L.P.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to add new emission designator and related service.

SITE ID: 1  
LOCATION: 5233 BRIDGE STREET, TARRANT, FORT WORTH, TX  
32 ° 45 ' 38.00 " N LAT. 97 ° 14 ' 38.00 " W LONG.

ANTENNA ID: 1	4.6 meters	ANDREW CORPORATION	ESA46-124
14000.0000 - 14500.0000 MHz	36M0F3F	72.20 dBW	ANALOG VIDEO/AUDIO
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO/AUDIO
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	DIGITAL VIDEO/VOICE/DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO/VOICE/DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20050726-00964** E KA259 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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



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Modification to change regulatory classification of earth station to non-common carrier.

SITE ID: 1

LOCATION: COMSAT CLARKSBURG FACILITY, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 5.60 " N LAT.

77 ° 16 ' 12.40 " W LONG.

ANTENNA ID:	C-LMA-1	9 meters	VERTEX COMMUNICATION	9 KPC
6179.0000 - 6425.0000 MHz		800KGXD	80.30 dBW	TELEMETRY SIGNAL
6179.0000 - 6425.0000 MHz		1M50F3X	80.30 dBW	ENERGY-DISPERSED FM TEST SIGNAL
6172.0000 - 6178.0000 MHz		800KFXD	83.00 dBW	COMMAND SIGNAL
5925.0000 - 6171.0000 MHz		1M50F3X	80.30 dBW	ENERGY-DISPERSED FM TEST SIGNAL
5925.0000 - 6171.0000 MHz		800KGXD	80.30 dBW	TELEMETRY SIGNAL
5850.0000 - 6425.0000 MHz		1M50F3X	80.10 dBW	ENERGY-DISPERSED FM TEST SIGNAL
3947.0000 - 3953.0000 MHz		800KGXD		TELEMETRY SIGNAL
3700.0000 - 4200.0000 MHz		1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL
3700.0000 - 4200.0000 MHz		800KGXD		TELEMETRY SIGNAL
3700.0000 - 4200.0000 MHz		800KFXD		COMMAND SIGNAL
3625.0000 - 4200.0000 MHz		1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL

**Points of Communication:**

1 - INTELSAT 805 - (304.5 E.L.)

1 - INTELSAT AOR - (307.0 E.L.)

1 - INTELSAT AOR - (310.0 E.L.)

1 - INTELSAT AOR - (319.5 E.L.)

1 - INTELSAT AOR - (325.5 E.L.)

1 - INTELSAT AOR - (328.5 E.L.)

1 - INTELSAT AOR - (328.6 E.L.)

1 - INTELSAT AOR - (330.5 E.L.)

- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (338.7 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

**SES-MOD-20050726-00965** E KA260 INTELSAT NORTH AMERICA 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 to change regulatory classification of earth station to non-common carrier.

**SITE ID:** 1

**LOCATION:** COMSAT CLARKSBURG FACILITY, MONGTOMERY, CLARKSBURY, MD

39 ° 13 ' 5.00 " N LAT.

77 ° 16 ' 12.00 " W LONG.

ANTENNA ID:	C-LMA-2	9 meters	VERTEX COMM.	9 KPC	
6179.0000 - 6425.0000 MHz			800KGXD	80.30 dBW	TTC&M
6179.0000 - 6425.0000 MHz			1M50F3X	83.00 dBW	TTC&M
6172.0000 - 6178.0000 MHz			800KFXD	83.00 dBW	TTC&M
5925.0000 - 6171.0000 MHz			800KGXD	80.30 dBW	TTC&M
5925.0000 - 6171.0000 MHz			1M50F3X	83.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz			1M50F3X	80.10 dBW	TTC&M
3947.0000 - 3953.0000 MHz			800KGXD		TTC&M
3700.0000 - 4200.0000 MHz			800KFXD		TTC&M
3700.0000 - 4200.0000 MHz			800KGXD		TTC&M
3700.0000 - 4200.0000 MHz			1M50F3X		TTC&M
3625.0000 - 3700.0000 MHz			1M50F3X		TTC&M

**Points of Communication:**

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (319.5 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (328.6 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (338.7 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

**SES-MOD-20050726-00966** E KA261 INTELSAT NORTH AMERICA 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 to change regulatory classification of earth station to non-common carrier.

**SITE ID:** 1

**LOCATION:** 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 2.60 " N LAT.

77 ° 16 ' 10.90 " W LONG.

<b>ANTENNA ID:</b>	CSM LMA-1	15.2 meters	VERTEX	15.2KPC
	6172.0000 - 6178.0000 MHz	800KFXD	82.00 dBW	TTC&M
	5925.0000 - 6425.0000 MHz	51K2G7W	49.60 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz	76K8G7W	49.60 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz	100KG7W-	58.20 dBW	DIGITAL DATA, VOICE, AND VIDEO

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5925.0000 - 6425.0000 MHz	72M0G7W	86.80 dBW	DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz	60M0G1D	86.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz	60M0G1D	86.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz	100KG7W-	58.20 dBW	DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 5925.0000 MHz	72M0G7W	86.80 dBW	DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
3700.0000 - 4200.0000 MHz	60M0G1D		TTC&M
3700.0000 - 4200.0000 MHz	51K2G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	76K8G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	100KG7W-		DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	60M0G1D		TTC&M
3625.0000 - 3700.0000 MHz	100KG7W-		DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	72M0G7W		DIGITAL DATA, VOICE, AND VIDEO

**Points of Communication:**

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)

1 - INTELSAT AOR - (340.0 E.L.)

1 - INTELSAT AOR - (342.0 E.L.)

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-7 - (338.5 E.L.)

**SES-MOD-20050726-00967** E E040343 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification to change regulatory classification of earth station to non-common carrier.

SITE ID: 1

LOCATION: 22401 Juniper Flats Road, Riverside, Nuevo, CA

33 ° 47 ' 40.00 " N LAT.

117 ° 5 ' 5.40 " W LONG.

ANTENNA ID:	1A	8.1 meters	Vertex/RSI	KPK
	14000.0000 - 14500.0000 MHz	1M00G7D	52.40 dBW	Digital TT&C Carrier
	14000.0000 - 14500.0000 MHz	200KG7D	62.80 dBW	Digital TT&C Carrier
	14000.0000 - 14500.0000 MHz	1M00F8D	62.80 dBW	Analog TT&C Carrier
	14000.0000 - 14500.0000 MHz	16K0F8D	57.80 dBW	Analog TT&C Carrier
	11700.0000 - 12200.0000 MHz	16K0F8D		Analog TT&C Carrier
	11700.0000 - 12200.0000 MHz	1M00F8D		Analog TT &C Carrier
	11700.0000 - 12200.0000 MHz	200KG7D		Digital TT&C Carrier
	11700.0000 - 12200.0000 MHz	1M00G7D		Digital TT&C Carrier

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20050726-00968** E E980485 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification to change regulatory classification of earth station to non-common carrier.

SITE ID: 1  
 LOCATION: COMSAT CLARKSBURG FACILITY, MONTGOMERY, CLARKSBURG, MD  
 39 ° 13 ' 4.00 " N LAT. 77 ° 16 ' 12.00 " W LONG.

ANTENNA ID:	C-LMA-3	9 meters	VERTEX	9 KPC	
6179.0000 - 6425.0000 MHz			1M50F3X	80.30 dBW	ENERGY-DESPERSED FM TEST SIGNAL
6179.0000 - 6425.0000 MHz			800KGXD	80.30 dBW	TELEMETRY SIGNAL ANALOG RANGING SIGNAL
6172.0000 - 6178.0000 MHz			800KFXD	83.00 dBW	COMMAND SIGNAL (TTC&M)
5925.0000 - 6171.0000 MHz			1M50F3X	80.30 dBW	ENERGY-DESPERSED FM TEST SIGNAL
5925.0000 - 6171.0000 MHz			800KGXD	80.30 dBW	TELEMETRY SIGNAL ANALOG RANGING SIGNAL
3700.0000 - 4200.0000 MHz			1M50F3X		ENERGY DISPERSED FM TEST SIGNAL
3700.0000 - 4200.0000 MHz			800KGXD		TELEMETRY SIGNAL ANALOG RANGING SIGNAL
3700.0000 - 4200.0000 MHz			800KFXD		COMMAND SIGANL (TTC&M)

**Points of Communication:**

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (319.5 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (328.6 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (338.7 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)

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1 - New Skies 806 - (319.5 E.L.)

1 - NSS-5 - (183 E.L.)

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**SES-MOD-20050726-00969** E E020169 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Modification to change regulatory classification of earth station to non-common carrier.

**SITE ID:** Nuevo, CA

**LOCATION:** 22401 Juniper Flats Road, Riverside, Nuevo, CA

33 ° 47 ' 46.50 " N LAT.

117 ° 5 ' 15.00 " W LONG.

ANTENNA ID:	16.4	16.4 meters	Vertex Comm.	THC
	5925.0000 - 6425.0000 MHz	43K8G7W	66.70 dBW	Combination of digital carriers, various FEC rates, various data rates, various modulation.
	5925.0000 - 6425.0000 MHz	72M0G7W	86.00 dBW	Combination of digital carriers, various FEC rates, various data rates, various modulation.
	5925.0000 - 6425.0000 MHz	36M0F3F	86.00 dBW	Standard Video
	5925.0000 - 6425.0000 MHz	72M0G7W	86.00 dBW	Digital Video, Voice and Data
	5925.0000 - 6425.0000 MHz	43K8G7W	86.00 dBW	Digital Video, Voice and Data
	5925.0000 - 6425.0000 MHz	36M0F3F	86.00 dBW	Analog Video
	5925.0000 - 6425.0000 MHz	43K8G7W	66.70 dBW	Combination of digital carriers, various FEC rates, various data rates, various modulation.
	5925.0000 - 6425.0000 MHz	72M0G7W	86.00 dBW	Combination of digital carriers, various FEC rates, various data rates, various modulation.
	5925.0000 - 6425.0000 MHz	36M0F3F	86.00 dBW	Standard Video
	5925.0000 - 6425.0000 MHz	800KFXD	77.00 dBW	TT&C Carrier
	5850.0000 - 5925.0000 MHz	43K8G7W	66.70 dBW	Combination of digital carriers, various FEC rates, various data rates, various modulation.

5850.0000 - 5925.0000 MHz	72M0G7W	86.00 dBW	Combination of digital carriers, various FEC rates, various data rates, various modulation.
5850.0000 - 5925.0000 MHz	36M0F3F	86.00 dBW	Standard Video
5850.0000 - 5925.0000 MHz	72M0G7W	86.00 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	43K8G7W	86.00 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	36M0F3F	86.00 dBW	Analog Video
3700.0000 - 4200.0000 MHz	43K8G7W		Combination of digital carriers, various FEC rates, various data rates, various modulation.
3700.0000 - 4200.0000 MHz	72M0G7W		Combination of digital carriers, various FEC rates, various data rates, various modulation.
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	43K8G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	350KFXD		TT&C Carrier
3625.0000 - 4200.0000 MHz	43K8G7W		Digital Video, Voice and Data
3625.0000 - 4200.0000 MHz	36M0F3F		Analog Video
3625.0000 - 3700.0000 MHz	72M0G7W		Digital Video, Voice and Data

**Points of Communication:**

**SES-MOD-20050726-00970** E E020315 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Modification to change regulatory classification of earth station to non-common carrier.

**SITE ID:** Nuevo, CA

**LOCATION:** 22401 Juniper Flats Road, Riverside, Nuevo, CA

33 ° 47 ' 45.00 " N LAT.

117 ° 5 ' 15.00 " W LONG.

**ANTENNA ID:** 16.4

16.4 meters

Vertex

THC



5925.0000 - 6425.0000 MHz	43K8G7W -	66.70 dBW	Digital Traffic, Various Modulation, FEC Rates and Data Rates. Various Combinations of Information.
5925.0000 - 6425.0000 MHz	72M0G7W	86.00 dBW	Digital Traffic, Various Modulation, FEC Rates and Data Rates. Various Combinations of Information.
5925.0000 - 6425.0000 MHz	36M0F3F	86.00 dBW	Standard Video with Associated Audio Subcarriers
5925.0000 - 6425.0000 MHz	72M0G7W	86.00 dBW	Digital Video, Voice and Data
5925.0000 - 6425.0000 MHz	43K8G7W	86.00 dBW	Digital Video, Voice and Data
5925.0000 - 6425.0000 MHz	36M0F3F	86.00 dBW	Analog Video
5925.0000 - 6425.0000 MHz	800KFXD	77.00 dBW	TT&C Carrier
5850.0000 - 5925.0000 MHz	72M0G7W	86.00 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	43K8G7W	86.00 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	36M0F3F	86.00 dBW	Analog Video
3700.0000 - 4200.0000 MHz	43K8G7W -		Digital Traffic, Various Modulation, FEC Rates and Data Rates. Various Combinations of Information.
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Traffic, Various Modulation, FEC Rates and Data Rates. Various Combinations of Information.
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video with Associated Audio Subcarriers
3700.0000 - 4200.0000 MHz	36M0F8F		Analog Video
3700.0000 - 4200.0000 MHz	43K8G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	350KFXD		TT&C Carrier
3625.0000 - 3700.0000 MHz	72M0G7W		Digital Video, Voice and Data
3625.0000 - 3700.0000 MHz	43K8G7W		Digital Video, Voice and Data
3625.0000 - 3700.0000 MHz	36M0F8F		Analog Video

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**Points of Communication:**

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**SES-MOD-20050726-00971** E KA25 INTELSAT NORTH AMERICA 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 to change regulatory classification of earth station to non-common carrier.

**SITE ID:** 1

**LOCATION:** KAM HIGHWAY, P.O. BOX 215, HONOLULU, HALEIWA, HI

21 ° 40 ' 14.60 " N LAT.

158 ° 2 ' 3.10 " W LONG.

ANTENNA ID:	1	19 meters	TIW (CFPA19M)	19M
	6390.3000 - 6425.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6350.6000 - 6360.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6338.4000 - 6340.3000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6242.0000 - 6308.1000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6172.0000 - 6178.0000 MHz	800KFXD	93.00 dBW	COMMAND/TTC&M
	6172.0000 - 6178.0000 MHz	800KFXD	93.00 dBW	TRACKING, TELEMETRY AND RANGING CARRIER
	6145.7000 - 6189.5000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6098.6000 - 6115.4000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6027.1000 - 6088.3000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	5990.0000 - 5996.8000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	5925.0000 - 6425.0000 MHz	1M50F3X	93.00 dBW	TEST/TTC&M
	5925.0000 - 5930.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	5850.0000 - 5925.0000 MHz	1M50F3X	93.00 dBW	TEST/TTC&M

3947.0000 - 3953.0000 MHz	800KGXD	TELEMETRY/TTC&M
3700.0000 - 4200.0000 MHz	1M50F3X	TEST/TTC&M
3700.0000 - 4200.0000 MHz	800KFXD	TRACKING, TELEMETRY AND RANGING CARRIER
3625.0000 - 3700.0000 MHz	1M50F3X	TEST/TTC&M

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT POR - (157.0 E.L.)
- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (178.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)

**SES-MOD-20050726-00972** E KA258 INTELSAT NORTH AMERICA 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 to change regulatory classification of earth station to non-common carrier.

SITE ID: 1

LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 6.60 " N LAT.

77 ° 16 ' 15.30 " W LONG.

ANTENNA ID: K-FPA	14.2 meters	TIW	KFPA14.2
14253.0000 - 14500.0000 MHz	1M50F3X	87.00 dBW	ENERGY-DISPERSED FM TEST SIGNAL
14247.0000 - 14253.0000 MHz	800KFXD	87.00 dBW	COMMAND SIGNAL
14000.0000 - 14500.0000 MHz	NON	61.30 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz	200KF2N	78.30 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz	2M00F3N	87.00 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER

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14000.0000 - 14500.0000 MHz	20M0F3N	87.00 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz	800KGXD	88.00 dBW	TTC&M, Carrier
14000.0000 - 14247.0000 MHz	1M50F3X	87.00 dBW	ENERGY-DISPERSED FM TEST SIGNAL
11700.0000 - 12200.0000 MHz	800KGXD		TTC&M, Carrier
11450.0000 - 12200.0000 MHz	1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL
11450.0000 - 12200.0000 MHz	NON		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 12200.0000 MHz	200KF3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 12200.0000 MHz	2M00F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 12200.0000 MHz	20M0F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 11950.0000 MHz	800KGXD		TTC&M, Carrier
10950.0000 - 11200.0000 MHz	800KFXD		COMMAND SIGNAL
10950.0000 - 11200.0000 MHz	NON		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	200KF3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	2M00F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	20M0F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	800KGXD		TTC&M, Carrier

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)

- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (340.0 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - New Skies K - (338.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

**SES-MOD-20050726-00973** E KA267 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification to change regulatory classification of earth station to non-common carrier.

**SITE ID:** 1

**LOCATION:** KAM HIGHWAY, OAHU, HAWAII P.O. BOX 215, OAHU, PAUMALU, HI  
 21 ° 40 ' 14.10 " N LAT. 158 ° 2 ' 6.10 " W LONG.

ANTENNA ID:	1	9 meters	VERTEX COMMUNICATION	9KPC
	6390.3000 - 6425.0000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING SERVICES
	6350.6000 - 6360.0000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING SERVICES
	6242.0000 - 6340.3000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING SERVICES
	6172.0000 - 6178.0000 MHz	800KFXD	80.03 dBW	COMMAND SIGNAL
	5850.0000 - 6425.0000 MHz	1M50F3X	80.03 dBW	ENERGY-DISPERSED FM TEST SIGNAL
	5850.0000 - 6211.6000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING SERVICES
	3947.0000 - 3953.0000 MHz	800KGXD		TELEMETRY SIGNAL

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3625.0000 - 4200.0000 MHz	1M50F3X	ENERGY-DISPERSED FM TEST SIGNAL
3625.0000 - 4200.0000 MHz	800KFXD	COMMAND AND RANGING SERVICES

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)

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**SES-MOD-20050726-00974** E KA265 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to change from common carrier to non-common carrier.

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, PAUMALU, HI  
21 ° 40 ' 27.00 " N LAT.

158 ° 2 ' 16.00 " W LONG.

ANTENNA ID: C-LMA-T3	9 meters	VERTEX	9KPC (TTC&M)
6172.0000 - 6178.0000 MHz	800KFXD	83.00 dBW	COMMAND SIGNAL
5850.0000 - 6425.0000 MHz	1M50F3X	83.00 dBW	ENERGY-DISPERSED FM TEST SIGNAL
3625.0000 - 4200.0000 MHz	1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL
3625.0000 - 4200.0000 MHz	800KFXD		COMMAND SIGNAL

**Points of Communication:**

- 1 - INTELSAT POR - (174.0 E.L.)
  - 1 - INTELSAT POR - (176.0 E.L.)
  - 1 - INTELSAT POR - (180.0 E.L.)
  - 1 - New Skies 513 - (183 E.L.)
-

Application for Modification

Class of Station: Fixed Earth Stations

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

"MOD" to change from common carrier to non-common carrier.

SITE ID: 1

LOCATION: COMSAT CLARKSBURG, MONGTOMERY, CLARKSBURG, MD

39 ° 13 ' 5.20 " N LAT.

77 ° 16 ' 13.90 " W LONG.

ANTENNA ID:	C-CCA-2	9 meters	VERTEX	9KPC	
6179.0000 - 6425.0000 MHz			800KGXD	80.03 dBW	TELEMETRY/TTC&M
6179.0000 - 6425.0000 MHz			1M50F3X	75.90 dBW	TEST/TTC&M
6179.0000 - 6425.0000 MHz			100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6179.0000 - 6425.0000 MHz			72M0G7W	80.03 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6172.0000 - 6178.0000 MHz			800KFXD	73.20 dBW	COMMAND/TTC&M
6172.0000 - 6178.0000 MHz			100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6172.0000 - 6178.0000 MHz			6M00G7W	80.03 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz			800KFXD	80.00 dBW	COMMAND AND RANGING CARRIERS
5925.0000 - 6171.0000 MHz			1M50F3X	75.90 dBW	TEST/TTC&M
5925.0000 - 6171.0000 MHz			800KGXD	73.20 dBW	TELEMETRY/TTC&M
5850.0000 - 6171.0000 MHz			100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 6171.0000 MHz			72M0G7W	82.00 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 5925.0000 MHz			600KF2D	72.00 dBW	CONTROL COORDINATION SIGNAL
3700.0000 - 4200.0000 MHz			800KFXD		COMMAND/TTC&M
3700.0000 - 4200.0000 MHz			1M50F3X		TEST/TTC&M

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3700.0000 - 4200.0000 MHz	800KGXD	TELEMETRY/TTC&M
3700.0000 - 4200.0000 MHz	800KFXD	TELEMETRY CARRIERS
3625.0000 - 4200.0000 MHz	100KG7W-	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 4200.0000 MHz	72M0G7W	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	600KF2D	CONTROL COORDINATION SIGNAL

**Points of Communication:**

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (340.0 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

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**SES-MOD-20050726-00976** E KA263 INTELSAT NORTH AMERICA LLC  
 Application for Modification  
**Class of Station:** Fixed Earth Stations

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

"MOD" to change from common carrier to non-common carrier.

SITE ID: 1  
 LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD  
 39 ° 13 ' 4.40 " N LAT. 77 ° 16 ' 13.90 " W LONG.

ANTENNA ID: 1 9 meters VERTEX 9KPC



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5925.0000 - 6425.0000 MHz	600KF2D	72.00 dBW	TTC&M
5925.0000 - 6425.0000 MHz	922KG7W	63.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	1M43G7W	66.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	800KFXD	80.00 dBW	COMMAND AND RANGING CARRIERS
5850.0000 - 6425.0000 MHz	100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 6425.0000 MHz	72M0G7W	82.00 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 6300.0000 MHz	3M50Q2D	72.00 dBW	QPSK, TDMA (BROADBAND VSAT SERVICES)
5850.0000 - 5925.0000 MHz	600KF2D	72.00 dBW	TTC&M
3700.0000 - 4200.0000 MHz	600KF2D		TTC&M
3700.0000 - 4200.0000 MHz	922KG7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	1M43G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	800KFXD		TELEMETRY CARRIERS
3625.0000 - 4200.0000 MHz	100KG7W-		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 4200.0000 MHz	72M0G7W		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 4075.0000 MHz	3M50Q2D		QPSK, TDMA (BROADBAND VSAT SERVICES)
3625.0000 - 3700.0000 MHz	600KF2D		TTC&M

**Points of Communication:**

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)

- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (340.0 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

**SES-MOD-20050726-00977** E KA262 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to change regulatory classification of earth station from Common Carrier to Non-Common Carrier Service Only.

**SITE ID:** 1

**LOCATION:** 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 1.80 " N LAT.

77 ° 16 ' 11.40 " W LONG.

ANTENNA ID:	CSM LMA-2	15.2 meters	VERTEX	15.2 KPC	
6172.0000 - 6178.0000 MHz			800KFXD	82.00 dBW	TTC&M
5925.0000 - 6425.0000 MHz			60M0G1D	86.00 dBW	TTC&M
5925.0000 - 6425.0000 MHz			100KG7W-	58.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz			72M0G7W	86.80 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz			81K9G7W	46.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz			164KG7W	51.20 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz			219KG7W	52.10 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz			238KG7W	48.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz			1M32G7W	63.10 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz			1M36G7W	66.30 dBW	DIGITAL DATA
5850.0000 - 5925.0000 MHz			60M0G1D	84.10 dBW	TTC&M

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5850.0000 - 5925.0000 MHz	100KG7W-	56.30 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 5925.0000 MHz	72M0G7W	84.90 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
3700.0000 - 4200.0000 MHz	100KG7W-		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	81K9G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	164KG7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	219KG7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	238KG7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	1M32G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	1M36G7W		DIGITAL DATA
3625.0000 - 4200.0000 MHz	60M0G1D		TTC&M
3625.0000 - 3700.0000 MHz	100KG7W-		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	72M0G7W		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO

**Points of Communication:**

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)

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1 - INTELSAT AOR - (340.0 E.L.)

1 - INTELSAT AOR - (342.0 E.L.)

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-5 - (183 E.L.)

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**SES-MOD-20050726-00979** E KA268 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to change regulatory classification of earth station from Common Carrier to Non-Common Carrier Service Only.

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, HAWAII, OAHU, PAUMALU, HI

21 ° 40 ' 25.00 " N LAT.

158 ° 2 ' 16.00 " W LONG.

ANTENNA ID: 1	9 meters	VERTEX	9KPC
6172.0000 - 6178.0000 MHz	800KFXD	83.00 dBW	COMMAND/TTC&M
5850.0000 - 6425.0000 MHz	1M50F3X	83.00 dBW	TEST/TTC&M
3947.0000 - 3953.0000 MHz	800KGXD		TELEMTRY/TTC&M
3625.0000 - 4200.0000 MHz	1M50F3X		TEST/TTC&M

**Points of Communication:**

1 - INTELSAT POR - (174.0 E.L.)

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

1 - INTELSAT POR - (180.0 E.L.)

1 - New Skies 513 - (183 E.L.)

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**SES-MOD-20050726-00980** E KA269 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to change regulatory classification of earth station from Common Carrier to Non-Common Carrier Service Only.

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, HAWAII, OAHU, PAUMALU, HI

21 ° 40 ' 24.00 " N LAT.

158 ° 2 ' 16.00 " W LONG.

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ANTENNA ID:	C-CCA-T7	9 meters	VERTEX	9KPC
	5925.0000 - 6425.0000 MHz	600KF3D	72.00 dBW	Control coordination Signal
	5925.0000 - 6425.0000 MHz	800KFXD	72.00 dBW	TTC&M
	5925.0000 - 6425.0000 MHz	72M0G7W	72.00 dBW	Analog and Digital Data, Voice and Video
	5925.0000 - 6425.0000 MHz	100KG7W	64.20 dBW	Analog and Digital Data, Voice and Video
	5850.0000 - 5925.0000 MHz	600KF2D	72.00 dBW	Control coordination Signal
	5850.0000 - 5925.0000 MHz	800KFXD	72.00 dBW	TTC&M
	5850.0000 - 5925.0000 MHz	72M0G7W	72.00 dBW	Analog and Digital Data, Voice and Video
	5850.0000 - 5925.0000 MHz	100KG7W	64.20 dBW	Analog and Digital Data, Voice and Video
	3700.0000 - 4200.0000 MHz	600KF2D		Control coordination Signal
	3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
	3700.0000 - 4200.0000 MHz	72M0G7W		Analog and Digital Data, Voice and Video
	3700.0000 - 4200.0000 MHz	100KG7W		Analog and Digital Data, Voice and Video
	3625.0000 - 3700.0000 MHz	600KF2D		Control coordination Signal
	3625.0000 - 3700.0000 MHz	800KFXD		TTC&M
	3625.0000 - 3700.0000 MHz	72M0G7W		Analog and Digital Data, Voice and Video
	3625.0000 - 3700.0000 MHz	100KG7W		Analog and Digital Data, Voice and Video

**Points of Communication:**

- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)

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**SES-MOD-20050726-00981** E KA270 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to change regulatory classification of earth station from Common Carrier to Non-Common Carrier Service Only.

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, HAWAII, OAHU, PAUMALU, HI  
21 ° 40 ' 24.00 " N LAT. 158 ° 2 ' 16.00 " W LONG.

ANTENNA ID:	C-CCA-T8	9 meters	VERTEX	9KPC	
	5850.0000 - 6425.0000 MHz		600KF2D	72.00 dBW	TTC&M
	5850.0000 - 6425.0000 MHz		800KFXD	72.00 dBW	TTC&M
	5850.0000 - 6425.0000 MHz		72M0G7W	72.00 dBW	ANALOG AND DIGITAL DATA, VOICE AND VIDEO
	5850.0000 - 6425.0000 MHz		100KG7W	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE AND VIDEO
	3625.0000 - 4200.0000 MHz		600KF2D		TTC&M
	3625.0000 - 4200.0000 MHz		800KFXD		TTC&M
	3625.0000 - 4200.0000 MHz		72M0G7W		ANALOG AND DIGITAL DATA, VOICE AND VIDEO
	3625.0000 - 4200.0000 MHz		100KG7W		ANALOG AND DIGITAL DATA, VOICE AND VIDEO

**Points of Communication:**

- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)

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**SES-MOD-20050726-00982** E KA275 INTELSAT NORTH AMERICA LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to change from common carrier to non-common carrier.

SITE ID: 1  
 LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD  
 39 ° 13 ' 7.00 " N LAT. 77 ° 16 ' 12.00 " W LONG.

ANTENNA ID:	C-FPA	19 meters	TIW (VERTEX)	CFPA 19M
6389.0000 - 6391.0000 MHz			800KGXD 90.00 dBW	TELEMETRY SIGNAL
6359.0000 - 6361.0000 MHz			800KGXD 90.00 dBW	TELEMETRY SIGNAL
6329.0000 - 6331.0000 MHz			800KGXD 90.00 dBW	TELEMETRY SIGNAL
6271.0000 - 6273.0000 MHz			800KGXD 90.00 dBW	TELEMETRY SIGNAL
6217.0000 - 6219.0000 MHz			800KGXD 82.10 dBW	TELEMETRY SIGNAL
6172.0000 - 6178.0000 MHz			800KFXD 93.00 dBW	TTC&M
6172.0000 - 6178.0000 MHz			800KFXD 93.00 dBW	COMMAND/RANGING
6135.0000 - 6137.0000 MHz			800KGXD 90.00 dBW	TELEMETRY SIGNAL
6078.0000 - 6080.0000 MHz			800KGXD 90.00 dBW	TELEMETRY SIGNAL
5961.0000 - 5963.0000 MHz			800KGXD 90.00 dBW	TELEMETRY SIGNAL
5925.0000 - 6425.0000 MHz			1M50F3X 85.74 dBW	TTC&M
5925.0000 - 6425.0000 MHz			800KFXD 93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
5850.0000 - 5925.0000 MHz			800KGXD 90.00 dBW	TTC&M
3700.0000 - 4200.0000 MHz			800KFXD	TTC&M
3700.0000 - 4200.0000 MHz			800KGXD	TTC&M
3700.0000 - 4200.0000 MHz			800KFXD	TELEMETRY/RANGING
3700.0000 - 4200.0000 MHz			1M50F3X	TTC&M
3625.0000 - 3700.0000 MHz			1M50F3X	TTC&M
3625.0000 - 3700.0000 MHz			800KGXD	TTC&M
3625.0000 - 3700.0000 MHz			800KFXD	TTC&M COMMAND AND RANGING CARRIER

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (340.0 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

**SES-MOD-20050727-00993** E E990328 SES Americom, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to add points of communications.

SITE ID: 1

LOCATION: 200 TELEGRAPH HILL ROAD, MONMOUTH, HOLMDEL, NJ

40 ° 23 ' 40.50 " N LAT.

74 ° 10 ' 24.50 " W LONG.

ANTENNA ID: 1	11.3 meters	COMSAT/RSI	110 OCS
5925.0000 - 6425.0000 MHz	36M0G7W	85.74 dBW	QPSK DIGITAL, VOICE & DATA
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK DIGITAL, VOICE & DATA

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT AOR - (328.5 E.L.)

**SES-MOD-20050727-00994** E E000278 GLOBECOMM SYSTEMS, INC.

Application for Modification

**Class of Station:** VSAT Network



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

"MOD" to modify its existing VSAT license (Call Sign E000278) to add new remote terminals to that license. There will be a quantity of 100 CONUS, temporary fixed earth stations to be added to the license. These Ku-band terminals are equipped with the AVL Technologies, Model 9066K antenna, which has dimensions of 90 x 66 CM (an equivalent aperture of 0.75 meters). The Point of Communication for the new remote terminals will be the Intelsat Americas 6 satellite at 93 West Longitude. The remote Terminals will transmit and receive digital data carriers via the Americas 6 satellite with the GSI 3.7 meter Hub antenna in Hauppauge, New York.

SITE ID: REMOTE 2

LOCATION: 45 OSER AVENUE, (1.8M. VSAT), CONUS, (50 UNITS)

ANTENNA ID:	REMOTE 2A	1.8 meters	PRODELIN	1184	
	14000.0000 - 14500.0000 MHz		44K0G7D	42.91 dBW	DIGITAL, QPSK, FEC, 3/4 / data service
	14000.0000 - 14500.0000 MHz		461KG7D	53.11 dBW	DIGITAL, QPSK, FEC, 3/4 / data service
	11700.0000 - 12200.0000 MHz		44K0G7D		DIGITAL, QPSK, FEC, 3/4 / data service
	11700.0000 - 12200.0000 MHz		461KG7D		DIGITAL, QPSK, FEC, 3/4 / data service

SITE ID: REMOTE 3

LOCATION: 45 OSER AVENUE, (1.2M. VSAT), CONUS, (50 UNITS)

ANTENNA ID:	REMOTE 3A	1.2 meters	PRODELIN	1139	
	14000.0000 - 14500.0000 MHz		44K0G7D	39.61 dBW	DIGITAL, QPSK, FEC, 3/4 / data service
	14000.0000 - 14500.0000 MHz		461KG7D	49.81 dBW	DIGITAL, QPSK, FEC, 3/4 / data service
	11700.0000 - 12200.0000 MHz		44K0G7D		DIGITAL, QPSK, FEC, 3/4 / data service
	11700.0000 - 12200.0000 MHz		461KG7D		DIGITAL, QPSK, FEC, 3/4 / data service

SITE ID: REMOTE 4

LOCATION: 45 OSER AVENUE, (1.2M. VSAT), CONUS, (50 UNITS)

ANTENNA ID:	REMOTE 4A	1.2 meters	PRODELIN	1134	
	14000.0000 - 14500.0000 MHz		44K0G7D	39.41 dBW	DIGITAL, QPSK, FEC, 3/4 / data service
	14000.0000 - 14500.0000 MHz		461KG7D	49.81 dBW	DIGITAL, QPSK, FEC, 3/4 / data service

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11700.0000 - 12200.0000 MHz	44K0G7D		DIGITAL, QPSK, FEC, 3/4 / data service
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11700.0000 - 12200.0000 MHz	461KG7D		DIGITAL, QPSK, FEC, 3/4 / data service
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SITE ID: REMOTE 5  
LOCATION: 45 OSER AVENUE, (.75M. VSAT), CONUS, (100 UNITS)

ANTENNA ID: REMOTE 5A      0.75 meters      AVL TECHNOLOGIES      9066K

14000.0000 - 14500.0000 MHz	596KG7D	47.40 dBW	DIGITAL , DATA
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11700.0000 - 12200.0000 MHz	647KG7D		DIGITAL , DATA
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SITE ID: HUB  
LOCATION: 45 OSER AVENUE, (3.7M. HUB), SUFFOLK, HAUPPAUGE, NY  
40 ° 48 ' 44.40 " N LAT.      73 ° 14 ' 13.40 " W LONG.

ANTENNA ID: HUB A      3.7 meters      ANDREWS CORP.      ES37MPK

14000.0000 - 14500.0000 MHz	44K0G7D	49.71 dBW	DIGITAL, QPSK, FEC 3/4
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14000.0000 - 14500.0000 MHz	461KG7D	59.91 dBW	DIGITAL, QPSK, FEC, 3/4
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11700.0000 - 12200.0000 MHz	44K0G7D		DIGITAL, QPSK, FEC 3/4
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11700.0000 - 12200.0000 MHz	461KG7D		DIGITAL, QPSK, FEC, 3/4
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14000.0000 - 14500.0000 MHz	596KG7D	55.90 dBW	DIGITAL, DATA
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11700.0000 - 12200.0000 MHz	647KG7D		DIGITAL, DATA
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SITE ID: REMOTE 1  
LOCATION: 45 OSER AVENUE, (1.8M. VSAT), CONUS, (50 UNITS)

ANTENNA ID: REMOTE 1A      1.8 meters      PRODELIN      1189

14000.0000 - 14500.0000 MHz	44K0G7D	42.91 dBW	DIGITAL, QPSK, FEC, 3/4 / data service
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14000.0000 - 14500.0000 MHz	461KG7D	53.11 dBW	DIGITAL, QPSK, FEC, 3/4 / data service
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11700.0000 - 12200.0000 MHz	44K0G7D		DIGITAL, QPSK, FEC, 3/4 / data service
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11700.0000 - 12200.0000 MHz	461KG7D		DIGITAL, QPSK, FEC, 3.4 / data service
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**Points of Communication:**

HUB - ALSAT - (ALSAT)

HUB - ANIK E1 - (118.7 W.L.)

HUB - ANIK E2 - (111.1 W.L.)

HUB - INTELSAT AMERICAS-6 - (93 W.L.)

HUB - SATMEX-5 - (116.8 W.L.)

REMOTE 1 - ALSAT - (ALSAT)

REMOTE 1 - ANIK E1 - (118.7 W.L.)

REMOTE 1 - ANIK E2 - (111.1 W.L.)

REMOTE 1 - SATMEX-5 - (116.8 W.L.)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 2 - ANIK E1 - (118.7 W.L.)

REMOTE 2 - ANIK E2 - (111.1 W.L.)

REMOTE 2 - SATMEX-5 - (116.8 W.L.)

REMOTE 3 - ALSAT - (ALSAT)

REMOTE 3 - ANIK E1 - (118.7 W.L.)

REMOTE 3 - ANIK E2 - (111.1 W.L.)

REMOTE 3 - SATMEX-5 - (116.8 W.L.)

REMOTE 4 - ALSAT - (ALSAT)

REMOTE 4 - ANIK E1 - (118.7 W.L.)

REMOTE 4 - ANIK E2 - (111.1 W.L.)

REMOTE 4 - SATMEX-5 - (116.8 W.L.)

REMOTE 5 - INTELSAT AMERICAS-6 - (93 W.L.)

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**SES-T/C-20050722-00960** E E5451 Communications III, Incorporated

Application for Consent to Transfer of Control

**Current Licensee:** Communications III, Incorporated

**FROM:** COMMUNICATIONS III

**TO:** Parkview Avenue, LLC

No. of Station(s) listed: 1

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