



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-01129

Wednesday April 15, 2009

## 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-LIC-20090402-00396 E E090060 SES Americom, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SSB C2

LOCATION: 58-350 Kamehameha Hwy, Comsat Road, Haleiwa, Sunset Beach, HI

21 ° 40 ' 14.00 " N LAT.

158 ° 1 ' 56.00 " W LONG.

ANTENNA ID:	C2	9 meters	Vertex	9MKP
	3700.0000 - 4200.0000 MHz		36M0G7W	Video; Digital Data; TT&C
	5925.0000 - 6425.0000 MHz		36M0G7W 79.80 dBW	Video; Digital Data; TT&C
	3700.0000 - 4200.0000 MHz		36M0F7D	Frequency modulated digital carrier for data, TT&C
	5925.0000 - 6425.0000 MHz		36M0F7D 79.80 dBW	Frequency modulated digital carrier for data, TT&C
	3700.0000 - 4200.0000 MHz		1M00G7D	TT&C
	5925.0000 - 6425.0000 MHz		1M00G7D 74.60 dBW	TT&C
	5925.0000 - 6425.0000 MHz		36M0F8W 77.60 dBW	Frequency modulated analog video and data

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3700.0000 - 4200.0000 MHz

36M0F8W

Frequency modulated analog video and data

**Points of Communication:**

SSB C2 - ALSAT - (ALSAT)

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**SES-LIC-20090403-00409** E E090062 HARRIS CORPORATION

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Application appeared on the Actions Taken Public Notice dated April 8, 2009 by mistake.

SITE ID: 1

LOCATION: 1025 WEST NASA BLVD., BREVARD, MELBOURNE, FL

28 ° 5 ' 22.20 " N LAT.

80 ° 38 ' 21.80 " W LONG.

ANTENNA ID: 1 9 meters Vertex RSI 9.0m Cassegrain

3700.0000 - 4200.0000 MHz 4M00G7D 0.00 dBW BPSK, QPSK and/or 8PSK for Data

5925.0000 - 6425.0000 MHz 36M0G7D 78.00 dBW BPSK, QPSK and/or 8PSK for Data

SITE ID: 1

LOCATION: 1025 WEST NASA BLVD., BREVARD, MELBOURNE, FL

28 ° 5 ' 22.80 " N LAT.

80 ° 38 ' 21.10 " W LONG.

ANTENNA ID: 2 9 meters Vertex RSI 9.0m Cassegrain

3700.0000 - 4200.0000 MHz 4M00G7D 0.00 dBW BPSK, QPSK and/or 8PSK for Data

5925.0000 - 6425.0000 MHz 36M0G7D 78.00 dBW BPSK, QPSK and/or 8PSK for Data

SITE ID: 1

LOCATION: 1025 WEST NASA BLVD., BREVARD, MELBOURNE, FL

28 ° 5 ' 22.90 " N LAT.

80 ° 38 ' 21.40 " W LONG.

ANTENNA ID: 3 9 meters Vertex RSI 9.0m Cassegrain

3700.0000 - 4200.0000 MHz 4M00G7D 0.00 dBW BPSK, QPSK and/or 8PSK for Data

5925.0000 - 6425.0000 MHz 36M0G7D 78.00 dBW BPSK, QPSK and/or 8PSK for Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - ALSAT - (ALSAT)

1 - ALSAT - (ALSAT)

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**SES-LIC-20090414-00480** E E090070 Ascent Media Systems and Technology Services, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1703 NW 80TH BLVD, ALACHUA, GAINESVILLE, FL

30 ° 9 ' 53.00 " N LAT.

78 ° 54 ' 17.00 " W LONG.

ANTENNA ID:	1	7.6 meters	ASC SIGNAL	ES76K-1
	14000.0000 - 14500.0000 MHz		36M0G7W 80.60 dBW	DVB COMPLIANT, MPEG 2, VIDEO/AUDIO/DATA
	11700.0000 - 12200.0000 MHz		36M0G7W	DVB COMPLIANT, MPEG 2, VIDEO/AUDIO/DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MFS-20090106-00002** E E990019 American Samoa License, Inc.

Modification

**Class of Station:** Fixed Earth Stations

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

Modification application filed to add a antenna, to add point of communication, and to provide the environmental assessment and radiation hazard report. Applicant also, request waiver of sections 25.210(a)(3), 25.210(f), 25.210(g)(2) of the Commission's rules.

SITE ID: Pago Pago

LOCATION: P.O. Box 478, Laufou Shopping Center, Eastern, Pago Pago, AS

14 ° 20 ' 17.70 " S LAT.

170 ° 43 ' 50.90 " W LONG.

ANTENNA ID:	1	7.3 meters	ANDREW	ES73-CCP4
	5850.0000 - 6425.0000 MHz		1M85G7D 74.61 dBW	QPSK, IBS
	3700.0000 - 4200.0000 MHz		1M85G7D	QPSK, IBS
ANTENNA ID:	Pago Pago	7.3 meters	ANDREW CORP.	ESA73
	3700.0000 - 4200.0000 MHz		36M0G7W	MODULATION AND SERVICES DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, INFORMATION
	5925.0000 - 6425.0000 MHz		36M0G7W 78.33 dBW	MODULATION AND SERVICES DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, INFORMATION
	3903.5000 - 3903.5000 MHz		1M23G7W	MODULATION AND SERVICES DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, INFORMATION

3909.1875 - 3909.1875 MHz	2M46G7W		MODULATION AND SERVICES DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, INFORMATION
6131.5000 - 6131.5000 MHz	1M23G7W	63.66 dBW	MODULATION AND SERVICES DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, INFORMATION
6136.5625 - 6136.5625 MHz	2M46G7W	66.67 dBW	MODULATION AND SERVICES DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, INFORMATION

**Points of Communication:**

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

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

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

Pago Pago - JCSAT-2R - (154E /206W)

**SES-MOD-20090206-00154** E KA399 Telesat Network Services, Inc.

Application for Modification

**Class of Station:** Earth Stations on-board Vessels/VSAT

**Nature of Service:** Earth Stations on-board Vessels, Fixed Satellite Service

Add authorization to provide service to ESV's using the Telstar 11N satellite (U.S.-licensed - call sign S2357). Blanket license for 250 SeaTel 4003A antennas and 250 SeaTel 4006 antennas. Add uplink frequencies 13.81-14.0 GHz using the satellite's Atlantic Ocean Beam. Upgrade hub earth station HPA to 750 Watts. Telesat request waiver of Section 25.222(a) of the Commission's rules.

**SITE ID:** Mt. Jackson

**LOCATION:** 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MOUNT JACKSON, VA

38 ° 43 ' 42.00 " N LAT.

78 ° 39 ' 25.00 " W LONG.

<b>ANTENNA ID:</b> 15M	15 meters	VERTEX	15 KPK
14001.0000 - 14499.0000 MHz	960KF2D	93.10 dBW	TT&C
14000.0000 - 14500.0000 MHz	17M5F3F	79.30 dBW	
14000.0000 - 14500.0000 MHz	36M0F3F	70.80 dBW	
14000.0000 - 14500.0000 MHz	49K0G1D	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1E	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1F	45.70 dBW	
14000.0000 - 14500.0000 MHz	1M80G1D	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1E	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1F	61.30 dBW	

14000.0000 - 14500.0000 MHz	7M04G1D	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M03G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz	100HN0N	64.50 dBW	
14000.0000 - 14500.0000 MHz	2M70G1C	78.80 dBW	
14000.0000 - 14500.0000 MHz	2M70G1D	78.80 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	78.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1C	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1D	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1E	91.80 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	90.60 dBW	
14000.0000 - 14500.0000 MHz	36M0G7W	86.10 dBW	DIGITAL, VIDEO, DATA AND VOICE
14000.0000 - 14500.0000 MHz	36M0G7W	73.40 dBW	DIGITAL, VIDEO, DATA AND VOICE
13810.0000 - 14000.0000 MHz	54M0G7W	85.00 dBW	DIGITAL, VIDEO, DATA AND VOICE
11705.5000 - 12199.0000 MHz	850KF2D		TT&C
11700.0000 - 12200.0000 MHz			
11451.0000 - 11451.0000 MHz	850KF2D		ORION
11450.5000 - 11450.5000 MHz	850KF2D		ORION
11450.0000 - 11950.0000 MHz			INTELSAT
10950.0000 - 11700.0000 MHz	54M0G7W		(WTO-COVERED SERVICES ONLY)
10950.0000 - 11200.0000 MHz			INTELSAT
11700.0000 - 12200.0000 MHz	500KG7W		540 Kbps, 66 FEC, QPSK

ANTENNA ID: LMA4T11N      9 meters      VERTEX      9 KPK

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14498.0000 - 14500.0000 MHz	850KF2D	69.70 dBW	
14000.0000 - 14500.0000 MHz	17M5F3F	79.30 dBW	
14000.0000 - 14500.0000 MHz	36M0F3F	70.80 dBW	
14000.0000 - 14500.0000 MHz	49K0G1D	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1E	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1F	45.70 dBW	
14000.0000 - 14500.0000 MHz	1M80G1D	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1E	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1F	61.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1D	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	86.50 dBW	
14000.0000 - 14500.0000 MHz	100HN0N	85.50 dBW	
14000.0000 - 14500.0000 MHz	2M70G1C	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1D	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	74.70 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	86.50 dBW	
11700.0000 - 12200.0000 MHz			
11451.0000 - 11451.0000 MHz	850KF2D		ORION
11450.5000 - 11450.5000 MHz	850KF2D		ORION
11450.0000 - 11950.0000 MHz			INTELSAT
10950.0000 - 11200.0000 MHz			INTELSAT
10950.0000 - 11200.0000 MHz	1M60G7W		1750 Kbps, .66 FEC, QPSK

10950.0000 - 11200.0000 MHz	400KG7W		350 Kbps, 533 FEC, QPSK
10950.0000 - 11200.0000 MHz	470KG7W		410 Kbps, 533 FEC, QPSK
10950.0000 - 11200.0000 MHz	500KG7W		540 Kbps, 66 FEC, QPSK
11450.0000 - 11700.0000 MHz	1M60G7W		1750 Kbps, 66 FEC, QPSK
11450.0000 - 11700.0000 MHz	400KG7W		350 Kbps, 533 FEC, QPSK
11450.0000 - 11700.0000 MHz	470KG7W		410 Kbps, 533 FEC, QPSK
11450.0000 - 11700.0000 MHz	500KG7W		540 Kbps, 66 FEC, QPSK
11700.0000 - 12200.0000 MHz	1M60G7W		1750 Kbps, 66 FEC, QPSK
11700.0000 - 12200.0000 MHz	400KG7W		350 Kbps, 533 FEC, QPSK
11700.0000 - 12200.0000 MHz	470KG7W		410 Kbps, 533 FEC, QPSK
13810.0000 - 14000.0000 MHz	3M52G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
13810.0000 - 14000.0000 MHz	5M77G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
14000.0000 - 14500.0000 MHz	1M76G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
14000.0000 - 14500.0000 MHz	3M52G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
14000.0000 - 14500.0000 MHz	5M77G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
13810.0000 - 14000.0000 MHz	1M76G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
ANTENNA ID: 1.8M	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	200KG7W	49.50 dBW	
14000.0000 - 14500.0000 MHz	320KG7W	49.50 dBW	
14000.0000 - 14500.0000 MHz	640KG7W	49.50 dBW	
11700.0000 - 12200.0000 MHz	200KG7W		
11700.0000 - 12200.0000 MHz	320KG7W		
11700.0000 - 12200.0000 MHz	640KG7W		
ANTENNA ID: 2.4M	2.4 meters	PRODELIN	1246
14000.0000 - 14500.0000 MHz	1M28G7W	58.20 dBW	
14000.0000 - 14500.0000 MHz	2M56G7W	58.20 dBW	

14000.0000 - 14500.0000 MHz	800KG7W	58.20 dBW	
11700.0000 - 12200.0000 MHz	2M56G7W		
11700.0000 - 12200.0000 MHz	1M28G7W		ORION, PAS
11700.0000 - 12200.0000 MHz	800KG7W		
ANTENNA ID: 4003A ESV	1 meters	SEATEL	4003A
10950.0000 - 11200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
10950.0000 - 11200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
10950.0000 - 11200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11450.0000 - 11700.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
11700.0000 - 12200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11700.0000 - 12200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
11700.0000 - 12200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
12500.0000 - 12750.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
12500.0000 - 12750.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
12500.0000 - 12750.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
ANTENNA ID: 4006 ESV	1 meters	SEATEL	4006
10950.0000 - 11200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
10950.0000 - 11200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
10950.0000 - 11200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11450.0000 - 11700.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
11700.0000 - 12200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11700.0000 - 12200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK



12500.0000 - 12750.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
12500.0000 - 12750.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
12500.0000 - 12750.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
14000.0000 - 14500.0000 MHz	400KG7W	50.30 dBW	350 Kbps, .533 FEC, QPSK
14000.0000 - 14500.0000 MHz	500KG7W	50.30 dBW	540 Kbps, .66 FEC, QPSK
14000.0000 - 14500.0000 MHz	470KG7W	50.80 dBW	410 Kbps, .533 FEC, QPSK
14000.0000 - 14500.0000 MHz	1M60G7W	50.30 dBW	1750 Kbps, .66 FEC, QPSK

**Points of Communication:**

Mt. Jackson - ALSAT - (ALSAT)

Mt. Jackson - ESTRELA DO SUL 1 - (63 W.L.)

Mt. Jackson - EUTELSAT AB-2 - (8.0 W.L.)

Mt. Jackson - ORION-3 - (139 E.L.)

Mt. Jackson - TELSTAR 11N - (37.55 W.L.)

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**SES-MOD-20090317-00336** E E990294 SPACENET SERVICES LICENSE SUB, INC.

Application for Modification

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

**Nature of Service:** Fixed Satellite Service

Spacenet requests a modification to add fixed and temporary fixed 1.2 meter antennas from Patriot Antenna Systems.

**SITE ID:** REMOTE 1

**LOCATION:** VSAT (75000 UNITS), CONUS, AK,HI,PR,VI

<b>ANTENNA ID:</b> 1.2Mremote	1.2 meters	CHANNEL MASTER	123
14000.0000 - 14500.0000 MHz	44K0G7D	39.70 dBW	19.2 kbps DATA, 1/2 RATE FEC, DPSK
14000.0000 - 14500.0000 MHz	60K0G7D	40.00 dBW	38.4 kbps DATA, 1/2 RATE FEC, MSK
14000.0000 - 14500.0000 MHz	94K0G7D	40.00 dBW	38.4 kbps DATA, 1/2 RATE FEC, DPSK
14000.0000 - 14500.0000 MHz	120KG7D	43.00 dBW	76.8 kbps DATA, 1/2 RATE FEC MSK
14000.0000 - 14500.0000 MHz	194KG7D	43.00 dBW	76.8 kbps DATA, 1/2 RATE FEC, DPSK
14000.0000 - 14500.0000 MHz	240KG7D	43.00 dBW	1,536 kbps DATA, 1/2 RATE FEC, MSK
14000.0000 - 14500.0000 MHz	101KG7D	43.30 dBW	BPSK, QPSK or 8PSK Modulated Digital Carrier

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14000.0000 - 14500.0000 MHz	1M20G7D	49.30 dBW	BPSK, QPSK or 8PSK Modulated Digital Carrier
14000.0000 - 14500.0000 MHz	2M20G7D	49.30 dBW	BPSK, QPSK or 8PSK Modulated Digital Carrier
14000.0000 - 14500.0000 MHz	404KG7D	49.30 dBW	BPSK, QPSK or 8PSK Modulated Digital Carrier
14000.0000 - 14500.0000 MHz	202KG7D	46.30 dBW	BPSK, QPSK or 8PSK Modulated Digital Carrier
14000.0000 - 14500.0000 MHz	300KG7D	46.30 dBW	BPSK, QPSK or 8PSK Modulated Digital Carrier
14000.0000 - 14500.0000 MHz	600KG7D	49.30 dBW	BPSK, QPSK or 8PSK Modulated Digital Carrier
11700.0000 - 12200.0000 MHz	400KG7D		256 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	600KG7D		384 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	1M20G7D		768 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	1M60G7D		1,024 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	2M40G7D		768 kbps DATA, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	3M20G7D		1,024 kbps DATA, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	1M02G7D		384 kbps DATA, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	1M60G7D		512 kbps DATA, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	2M40G7D		1,536 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	4M80G7D		1,536 kbps DATA, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	3M20G7D		2,048 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	6M40G7D		2,048 kbps DATA, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	6M10G7D		3,500 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	8M10G7D		6,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	10M8G7D		8,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

11700.0000 - 12200.0000 MHz	10M2G7D	12,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	21M6G7D	16,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	36M0G7D	26,700 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	43M2G7D	32,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	54M0G7D	40,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	425KG7D	128 kbps, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	800KG7D	256 kbps, 1/2 RATE FEC, BPSK

SITE ID: REMOTE TF  
LOCATION: 1.2-METER (10, 000 UNITS), CONUS, AK,HI,PR,VI

ANTENNA ID:	1.2 TF	1.2 meters	CHANNEL MASTER	123
14000.0000 - 14500.0000 MHz	44K0G7D	39.70 dBW	19.2 kbps, DATA, 1/2 RATE FEC, DPSK	
14000.0000 - 14500.0000 MHz	60K0G7D	40.00 dBW	38.4 kbps DATA, 1/2 RATE FEC, MSK	
14000.0000 - 14500.0000 MHz	94K0G7D	40.00 dBW	38.4 kbps DATA, 1/2 RATE FEC, DPSK	
14000.0000 - 14500.0000 MHz	120KG7D	43.00 dBW	76.8 kbps DATA, 1/2 RATE FEC MSK	
14000.0000 - 14500.0000 MHz	194KG7D	43.00 dBW	76.8 kbps DATA, 1/2 RATE FEC, MSK	
14000.0000 - 14500.0000 MHz	240KG7D	43.00 dBW	1,536 kbps DAT, 1/2 RATE FEC, MSK	
11700.0000 - 12200.0000 MHz	400KG7D	256 kbps, 1/2 RATE FEC, QPSK		
11700.0000 - 12200.0000 MHz	600KG7D	384 kbps DATA, 1/2 RATE FEC, QPSK		
11700.0000 - 12200.0000 MHz	1M20G7D	768 kbps DATA, 1/2 RATE FEC, QPSK		
11700.0000 - 12200.0000 MHz	1M60G7D	512 kbps DATA, 1/2 RATE FEC, BPSK		
11700.0000 - 12200.0000 MHz	2M40G7D	768 kbps DATA, 1/2 RATE FEC, BPSK		
11700.0000 - 12200.0000 MHz	3M20G7D	1,024 kbps DATA, 1/2 RATE FEC, BPSK		
11700.0000 - 12200.0000 MHz	1M02G7D	384 kbps DATA, 1/2 RATE FEC, BPSK		
11700.0000 - 12200.0000 MHz	1M60G7D	512 kbps DATA, 1/2 RATE FEC, BPSK		

11700.0000 - 12200.0000 MHz	2M40G7D	1,536 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	3M20G7D	2,048 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	800KG7D	512 kbps DATA, 1/2 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	4M80G7D	1,536 kbps DATA, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	6M40G7D	2,048 kbps DATA, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	10M8G7D	8,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	6M10G7D	3,500 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	8M10G7D	6,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	10M2G7D	12,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	21M6G7D	16,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	36M0G7D	26,700 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	43M2G7D	32,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
11700.0000 - 12200.0000 MHz	54M0G7D	40,000 kbps, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

SITE ID: Remote TF2  
LOCATION: 1.2-METER (500 UNITS), CONUS, AK,HI,PR,VI

ANTENNA ID:	PAT-TF	1.2 meters	PATRIOT	TXFLY-120
11700.0000 - 12200.0000 MHz			10M2G7D	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz			1M20G7D	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz			21M6G7D	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz			2M40G7D	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz			36M0G7D	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER

11700.0000 - 12200.0000 MHz	400KG7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	600KG7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M10G7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	101KG7D	43.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	202KG7D	46.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	2M20G7D	49.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	404KG7D	49.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	600KG7D	49.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	60K0G7D	40.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M20G7D	49.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER

SITE ID: Remote 2  
LOCATION: 1.2-METER (500 UNITS), CONUS, AK,HI,PR,VI

ANTENNA ID: PAT-FD	1.2 meters	PATRIOT	TX-EUT120KU
11700.0000 - 12200.0000 MHz	10M2G7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M20G7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	21M5G7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	2M40G7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	600KG7D		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER

11700.0000 - 12200.0000 MHz	6M10G7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	101KG7D	43.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M20G7D	49.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	202KG7D	46.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	2M20G7D	49.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	404KG7D	49.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	600KG7D	49.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	60K0G7D	40.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
ANTENNA ID: PAT-FS	1.2 meters	PATRIOT		TX-INT120KUG
11700.0000 - 12200.0000 MHz	10M2G7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M20G7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	21M6G7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	2M40G7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	600KG7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M10G7D			BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	60K0G7D	40.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	101KG7D	43.20 dBW		BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER

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14000.0000 - 14500.0000 MHz	1M20G7D	49.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	202KG7D	46.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	2M20G7D	49.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	404KG7D	49.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	600KG7D	49.20 dBW	BPSK, QPSK, 8PSK MODULATED DIGITAL CARRIER

**Points of Communication:**

REMOTE 1 - ALSAT - (ALSAT)

Remote 2 - ALSAT - (ALSAT)

REMOTE TF - ALSAT - (ALSAT)

Remote TF2 - ALSAT - (ALSAT)

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**SES-MOD-20090410-00438** E E990035 Bright House Networks, LLC

Application for Modification

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

**Nature of Service:** Fixed Satellite Service

"MOD" to increase EIRP and EIRP density and to replace antenna.

SITE ID: 1

LOCATION: ST. PETERSBURG, FL, VARIOUS

ANTENNA ID: TAM12 1.2 meters AVL TECHNOLOGIES 1210K, GLOBAL

14000.0000 - 14500.0000 MHz 36M0G7W 64.96 dBW ONE 36 MBIT DIGITAL CARRIER FOR VOICE/DATA WITH AN EMISSION DESIGNATOR OF 36M0G7W.

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20090413-00482** E E080108 INTELSAT LLC

Application for Modification

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

"MOD" to increase the number of terminals for antenna type GATR-COM2.4 to 250, and amend designation and model information for this antenna, reflect compliance with Section 25.209 based on the recent Part 25 changes, increase the transmitted power density levels and add a new antenna type with 250 terminal to its existing VSAT Network License.

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SITE ID: 1  
LOCATION: 2875 FORK CREEK CHURCH ROAD GATR 2.4M. VSAT, CONUS, 250 UNITS

ANTENNA ID:	2	1.8 meters	GATR	GATR-COM1.8
	14000.0000 - 14500.0000 MHz	320KG7W	49.20 dBW	DIGITAL DATA, VOICE, AND VIDEO
	14000.0000 - 14500.0000 MHz	6M67G7W	59.40 dBW	DIGITAL DATA, VOICE, AND VIDEO
	14000.0000 - 14500.0000 MHz	56K0G7W	43.20 dBW	DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	320KG7W		DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	6M67G7W		DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	56K0G7W		DIGITAL DATA, VOICE, AND VIDEO
ANTENNA ID:	1	2.4 meters	GATR	GATR-COM2.4
	14000.0000 - 14500.0000 MHz	7M62G7W	60.14 dBW	DIGITAL DATA, VOICE, AND VIDEO
	14000.0000 - 14500.0000 MHz	3M86G7W	60.14 dBW	DIGITAL DATA, VOICE, AND VIDEO
	14000.0000 - 14500.0000 MHz	56K0G7W	45.60 dBW	DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	7M62G7W		DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	3M86G7W		DIGITAL DATA, VOICE, AND VIDEO
	11700.0000 - 12200.0000 MHz	56K0G7W		DIGITAL DATA, VOICE, AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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