



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01117

Wednesday March 4, 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-AMD-20090116-00052 E E080059 Inmarsat Hawaii Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Inmarsat Hawaii Inc. files this amendment to correct certain EIRP and EIRP density parameters specified in the underlying modification application with respect to emission designators for telemetry, tracking and command functions in the 6338-6342 MHz band. All other aspects of the current pending modification application, including the exhibits thereto, remain unchanged.

SITE ID: 1

LOCATION: P.O. Box 698 58-350 Kamehameha Hwy, Haleiwa, HI
21 ° 40 ' 10.40 " N LAT. 158 ° 1 ' 59.40 " W LONG.

ANTENNA ID:	16m HAW1	16.4 meters	Vertex	16M
	6538.5500 - 6558.5500 MHz	20M0X2D	85.00 dBW	BPSK/Navigational Carrier
	6532.5200 - 6536.5200 MHz	4M00X2D	85.00 dBW	BPSK/Navigational Carrier
	6425.0000 - 6575.0000 MHz	750HG7D	63.70 dBW	Digital Data/Feeder link via 4F1 & 4F3
	6338.0000 - 6342.0000 MHz	1M40F2D	89.00 dBW	Digital Data/TTAC (Emergency)
	6338.0000 - 6342.0000 MHz	1M40F3X	89.00 dBW	Digital Data/TTAC (Emergency)
	6338.0000 - 6342.0000 MHz	1M40F2D	69.00 dBW	Digital Data/TTAC (On-Station)

6338.0000 - 6342.0000 MHz	1M40F3X	69.00 dBW	Digital Data/TTAC (On-Station)
3945.0000 - 3955.0000 MHz	200KG7D		Digital Data/TTAC
3945.0000 - 3955.0000 MHz	750HG7D		Digital Data/TTAC
3600.0000 - 3700.0000 MHz	750HG7D	0.00 dBW	Digital Data/Feeder link via 4F1 & 4F3
1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	Unmodulated Continuous Wave Pilot Carriers
1525.0000 - 1559.0000 MHz	100KN0N		Unmodulated Continuous Wave Pilot Carriers
6338.0000 - 6342.0000 MHz	1M40F2D	77.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M40F3X	77.00 dBW	Digital Data/TTAC (On-Station)

SITE ID: 2

LOCATION: P.O. Box 698 58-350 Kamehameha Hwy, Haleiwa, HI
21 ° 40 ' 11.30 " N LAT.

158 ° 1 ' 59.60 " W LONG.

ANTENNA ID:	16m HAW2	16.4 meters	Vertex	16M	
6538.5500 - 6558.5500 MHz			20M0X2D	85.00 dBW	BPSK/Navigational Carrier
6532.5200 - 6536.5200 MHz			4M00X2D	85.00 dBW	BPSK/Navigational Carrier
6425.0000 - 6575.0000 MHz			750HG7D	63.70 dBW	Digital Data/Feeder link via 4F1 & 4F3
6338.0000 - 6342.0000 MHz			1M40F2D	89.00 dBW	Digital Data/TTAC (Emergency)
6338.0000 - 6342.0000 MHz			1M40F3X	89.00 dBW	Digital Data/TTAC (Emergency)
6338.0000 - 6342.0000 MHz			1M40F2D	69.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz			1M50F3X	69.00 dBW	Digital Data/TTAC (On-Station)
3945.0000 - 3955.0000 MHz			200KG7D		Digital Data/TTAC
3945.0000 - 3955.0000 MHz			750HG7D		Digital Data/TTAC
3600.0000 - 3700.0000 MHz			750HG7D	0.00 dBW	Digital Data/Feeder link via 4F1 & 4F3
1626.5000 - 1660.5000 MHz			100KN0N	41.00 dBW	Unmodulated Continuous Wave Pilot Carriers
1525.0000 - 1559.0000 MHz			100KN0N		Unmodulated Continuous Wave Pilot Carriers
6338.0000 - 6342.0000 MHz			1M40F2D	77.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz			1M40F3X	77.00 dBW	Digital Data/TTAC (On-Station)

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
3945.0000 - 3955.0000 MHz	200KG7D		DIGITAL DATA
3945.0000 - 3955.0000 MHz	750HG7D		DIGITAL DATA
3945.0000 - 3955.0000 MHz	200KG7D		DIGITAL DATA/TTAC
3945.0000 - 3955.0000 MHz	750HG7D		DIGITAL DATA/TTAC
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
3600.0000 - 3700.0000 MHz	200KG7D		DIGITAL DATA
3600.0000 - 3700.0000 MHz	750HG7D		DIGITAL DATA
1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	UNMODULATED CONTINUOUS WAVE PILOT CARRIERS
1525.0000 - 1559.0000 MHz	100KN0N		UNMODULATED CONTINUOUS WAVE PILOT CARRIERS
6338.0000 - 6342.0000 MHz	1M40F2D	77.00 dBW	DIGITAL DATA/TTAC (EMERGENCY)
6338.0000 - 6342.0000 MHz	1M40F3X	77.00 dBW	DIGITAL DATA/TTAC (ON-STATION)

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - INMARSAT 4F1 - (143.5 E.L.)
- 1 - INMARSAT 4F3 - (98.25 W.L.)
- 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-AMD-20090210-00167 E KA294 SES Americom, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SES Americom, Inc. wishes to amend the pending modification application in order to reduce the frequency ranges associated with the new emission designators for TT&C service.

SITE ID: 1

LOCATION: 1711 OLD HWY. 97, OKANOGAN, BREWSTER, WA

48 ° 8 ' 51.00 " N LAT.

119 ° 41 ' 33.20 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13KPC
	6171.6000 - 6175.8000 MHz	1M00F8W	81.90 dBW	TT&C
	5850.0000 - 6425.0000 MHz	2M40G7D	81.90 dBW	Data, 1855kbs, QPSK, FEC1/2
	5850.0000 - 6425.0000 MHz	36M0G7F	86.80 dBW	Digital Compressed video
	5850.0000 - 6425.0000 MHz	36M0F8W	86.80 dBW	Analog video audio
	3951.4200 - 3952.5800 MHz	144KG2D		TT&C
	3625.0000 - 4200.0000 MHz	2M40G7D		Data, 1855kbs, QPSK, FEC1/2
	3625.0000 - 4200.0000 MHz	36M0G7F		Digital Compressed video
	3625.0000 - 4200.0000 MHz	36M0F8W		Analog video audio

Points of Communication:

- 1 - ALSAT - (ALSAT)

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (177.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - NSS 9 - (177 W.L.)

SES-LIC-20081223-01703 E E080253 Fuji Television Network, Inc.

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: Remote-1

LOCATION: Various HI, Guam, N. Marianas & American Samoa

ANTENNA ID:	1	0.7 meters	Swe-Dish Satellite Systems	IPT suitcase
	14000.0000 - 14500.0000 MHz	16M0G7W	54.00 dBW	8PSK: video/audio
	14000.0000 - 14500.0000 MHz	16M0G7W	54.00 dBW	QPSK: video/audio
	14000.0000 - 14500.0000 MHz	8M00G7W	54.00 dBW	8PSK: video/audio
	14000.0000 - 14500.0000 MHz	8M00G7W	54.00 dBW	QPSK: video/audio
	14000.0000 - 14500.0000 MHz	7M38G7W	54.00 dBW	8PSK: video/audio
	14000.0000 - 14500.0000 MHz	7M38G7W	54.00 dBW	QPSK: video/audio
	14000.0000 - 14500.0000 MHz	2M00G7W	54.00 dBW	8PSK: video/audio
	14000.0000 - 14500.0000 MHz	2M00G7W	54.00 dBW	QPSK: video/audio

Points of Communication:

- Remote-1 - PANAMSAT 5 - (194 W.L.)
- Remote-1 - PAS-2 - (169 E.L.)
- Remote-1 - SUPERBIRD B2 - (162 E.L.)
- Remote-1 - SUPERBIRD C - (144 E.L.)

SES-LIC-20090225-00214 E E090035 Thornburg Mortgage Advisory Corporation

EZ

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 2
 LOCATION: 2300 North Ridgetop Road, USA, Sante Fe, NM
 35 ° 42 ' 43.08 " N LAT. 105 ° 57 ' 10.51 " E LONG.

ANTENNA ID:	1	2.4 meters	Prodelin	1244-930
	11700.0000 - 12200.0000 MHz		24M0G7F	PSK Digital Video w/digital audio/data
	14000.0000 - 14500.0000 MHz		24M0G7F	61.10 dBW PSK Digital Video w/digital audio/data

Points of Communication:

2 - PERMITTED LIST - ()

SES-MFS-20090108-00008 E KA269 Intelsat North America LLC

Modification

Class of Station: Fixed Earth Stations

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

Intelsat North America LLC submits this modification application to communicate with Intelsat 5 at 169 E.L. in the 5925-6425 MHz band in the uplink and 3700-4200 MHz band in the downlink, to increase the maximum total I/P power at antenna flange to 1500W and to add a new emission designator.

SITE ID: 1
 LOCATION: KAM HIGHWAY, OAHU, PAUMALU, HI
 21 ° 40 ' 24.00 " N LAT. 158 ° 2 ' 16.00 " W LONG.

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
3625.0000 - 3700.0000 MHz	800KFXD		TTC&M
3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
5850.0000 - 5925.0000 MHz	800KFXD	72.00 dBW	TTC&M
5925.0000 - 6425.0000 MHz	800KFXD	72.00 dBW	TTC&M
3625.0000 - 3700.0000 MHz	600KF2D		Control coordination signal
3700.0000 - 4200.0000 MHz	600KF2D		Control coordination signal
3625.0000 - 3700.0000 MHz	100KG7W		Digital Data, Voice and Video
3625.0000 - 3700.0000 MHz	72M0G7W		Digital Data, Voice and Video
3700.0000 - 4200.0000 MHz	100KG7W		Digital Data, Voice and Video
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Data, Voice and Video
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Data, Voice and Video
5850.0000 - 5925.0000 MHz	600KF2D	72.00 dBW	Control coordination signal
5925.0000 - 6425.0000 MHz	600KF3D	72.00 dBW	Control coordination signal
5850.0000 - 5925.0000 MHz	100KG7W	64.20 dBW	Digital Data, Voice and Video
5850.0000 - 5925.0000 MHz	72M0G7W	72.00 dBW	Digital Data, Voice and Video
5850.0000 - 5925.0000 MHz	72M0G7W	72.00 dBW	Digital Data, Voice and Video
5925.0000 - 6425.0000 MHz	100KG7W	64.20 dBW	Digital Data, Voice and Video
5925.0000 - 6425.0000 MHz	36M0G7W	79.00 dBW	Digital Data, Voice and Video
5925.0000 - 6425.0000 MHz	72M0G7W	72.00 dBW	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 - IS-5 - (169 E.L.)
- 1 - New Skies 513 - (183 E.L.)

SES-MOD-20081224-01717 E E080059 Inmarsat Hawaii Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Inmarsat Hawaii Inc. seeks additional authority to operate with the Inmarsat 4F1 satellite at 143.5 E.L and the Inmarsat 4F3 satellite at 97.65 W.L. Specifically, this application seeks authority for TTAC communications in the conventional C-band (3945-3955 MHz and 6338-6342 MHz bands) and automatic frequency compensation pilot carrier transmissions in the L-band (1525-1544 MHz, 1545-1559 MHz and 1626.5-1645.5 MHz, 1646.5-1660.5 MHz). All other parameters of the current license would remain unchanged.

SITE ID: 1

LOCATION: P.O. Box 698 58-350 Kamehameha Hwy, Haleiwa, HI

21 ° 40 ' 10.40 " N LAT.

158 ° 1 ' 59.40 " W LONG.

ANTENNA ID:	16m HAW1	16.4 meters	Vertex	16M
	6538.5500 - 6558.5500 MHz	20M0X2D	85.00 dBW	BPSK/Navigational Carrier
	6532.5200 - 6536.5200 MHz	4M00X2D	85.00 dBW	BPSK/Navigational Carrier
	6425.0000 - 6575.0000 MHz	750HG7D	63.70 dBW	Digital Data/Feeder link via 4F1 & 4F3
	3600.0000 - 3700.0000 MHz	750HG7D	0.00 dBW	Digital Data/Feeder link via 4F1 & 4F3
	3945.0000 - 3955.0000 MHz	200KG7D		Digital Data/TTAC
	3945.0000 - 3955.0000 MHz	750HG7D		Digital Data/TTAC
	1525.0000 - 1559.0000 MHz	100KN0N		Unmodulated Continuous Wave Pilot Carriers
	6338.0000 - 6342.0000 MHz	1M40F2D	89.00 dBW	Digital Data/TTAC (Emergency)
	6338.0000 - 6342.0000 MHz	1M40F3X	89.00 dBW	Digital Data/TTAC (Emergency)
	6338.0000 - 6342.0000 MHz	1M40F2D	69.00 dBW	Digital Data/TTAC (On-Station)
	6338.0000 - 6342.0000 MHz	1M40F3X	69.00 dBW	Digital Data/TTAC (On-Station)
	1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	Unmodulated Continuous Wave Pilot Carriers

6338.0000 - 6342.0000 MHz	1M40F2D	77.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M40F3X	77.00 dBW	Digital Data/TTAC (On-Station)
SITE ID: 2 LOCATION: P.O. Box 698 58-350 Kamehameha Hwy, Haleiwa, HI 21 ° 40 ' 11.30 " N LAT. 158 ° 1 ' 59.60 " W LONG.			
ANTENNA ID: 16m HAW2	16.4 meters	Vertex	16M
6538.5500 - 6558.5500 MHz	20M0X2D	85.00 dBW	BPSK/Navigational Carrier
6532.5200 - 6536.5200 MHz	4M00X2D	85.00 dBW	BPSK/Navigational Carrier
6425.0000 - 6575.0000 MHz	750HG7D	63.70 dBW	Digital Data/Feeder link via 4F1 & 4F3
3600.0000 - 3700.0000 MHz	750HG7D	0.00 dBW	Digital Data/Feeder link via 4F1 & 4F3
3945.0000 - 3955.0000 MHz	200KG7D		Digital Data/TTAC
3945.0000 - 3955.0000 MHz	750HG7D		Digital Data/TTAC
1525.0000 - 1559.0000 MHz	100KN0N		Unmodulated Continuous Wave Pilot Carriers
6338.0000 - 6342.0000 MHz	1M40F2D	89.00 dBW	Digital Data/TTAC (Emergency)
6338.0000 - 6342.0000 MHz	1M40F3X	89.00 dBW	Digital Data/TTAC (Emergency)
6338.0000 - 6342.0000 MHz	1M40F2D	69.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M50F3X	69.00 dBW	Digital Data/TTAC (On-Station)
1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	Unmodulated Continuous Wave Pilot Carriers
6338.0000 - 6342.0000 MHz	1M40F2D	77.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M40F3X	77.00 dBW	Digital Data/TTAC (On-Station)

Points of Communication:

- 1 - INMARSAT 4F1 - (143.5 E.L.)
- 1 - INMARSAT 4F3 - (97.65 W.L.)
- 2 - INMARSAT 4F1 - (143.5 E.L.)
- 2 - INMARSAT 4F3 - (97.65 W.L.)

SES-MOD-20081224-01718 E KA25 Inmarsat Hawaii Inc.
 Application for Modification
 Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, Feeder Link for Mobile Satellite Service, International Fixed Satellite Service

Inmarsat Hawaii Inc. seeks additional authority to perform telemetry, tracking and command functions with the I4F1 and I4F3 satellites in the 3945-3955 MHz and 6338-6342 MHz bands. Inmarsat also request waiver of Section 25.202(g) of the Commission's rules.

See File No. SES-AMD-2009011600053.

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
3600.0000 - 3700.0000 MHz	200KG7D		DIGITAL DATA
3600.0000 - 3700.0000 MHz	750HG7D		DIGITAL DATA
3945.0000 - 3955.0000 MHz	200KG7D		DIGITAL DATA
3945.0000 - 3955.0000 MHz	750HG7D		DIGITAL DATA
6425.0000 - 6575.0000 MHz	200KG7D	80.70 dBW	DIGITAL DATA
6425.0000 - 6575.0000 MHz	750HG7D	63.70 dBW	DIGITAL DATA
1525.0000 - 1559.0000 MHz	100KN0N		UNMODULATED CONTINUOUS WAVE PILOT CARRIERS
1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	UNMODULATED CONTINUOUS WAVE PILOT CARRIERS
3945.0000 - 3955.0000 MHz	200KG7D		DIGITAL DATA/TTAC
3945.0000 - 3955.0000 MHz	750HG7D		DIGITAL DATA/TTAC
6338.0000 - 6342.0000 MHz	1M40F2D	89.00 dBW	DIGITAL DATA/TTAC (EMERGENCY)
6338.0000 - 6342.0000 MHz	1M40F3X	89.00 dBW	DIGITAL DATA/TTAC (EMERGENCY)
6338.0000 - 6342.0000 MHz	1M40F2D	69.00 dBW	DIGITAL DATA/TTAC (ON-STATION)
6338.0000 - 6342.0000 MHz	1M40F3X	69.00 dBW	DIGITAL DATA/TTAC (ON-STATION)
6338.0000 - 6342.0000 MHz	1M40F2D	77.00 dBW	DIGITAL DATA/TTAC (EMERGENCY)
6338.0000 - 6342.0000 MHz	1M40F3X	77.00 dBW	DIGITAL DATA /TTAC (ON-STATION)
6538.5500 - 6558.5500 MHz	20M0X2D	85.00 dBW	NAVIGATIONAL CARRIER via 4F1 and 4F3
6532.5200 - 6536.5200 MHz	4M00X2D	85.00 dBW	NAVIGATIONAL CARRIER via 4F1 and 4F3
6425.0000 - 6575.0000 MHz	200KG7D	80.70 dBW	DIGITAL DATA/Feeder Link & AFC via 4F1 and 4F3
6425.0000 - 6575.0000 MHz	750HG7D	63.70 dBW	DIGITAL DATA/Feeder Link & AFC via 4F1 and 4F3

6390.3000 - 6425.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
3600.0000 - 3700.0000 MHz	200KG7D		DIGITAL DATA/Feeder Link & AFC via 4F1 & 4F3
3600.0000 - 3700.0000 MHz	750HG7D		DIGITAL DATA/Feeder Link & AFC via 4F1 & 4F3
1626.5000 - 1660.5000 MHz	100KNON	41.00 dBW	Unmodulated continuous wave pilot carriers/Automatic Frequency compensation (AFC) via 4F1 & 4F3
1525.0000 - 1559.0000 MHz	100KN0N		Unmodulated continuous wave pilot carriers/Automatic Frequency compensation (AFC) via 4F1 & 4F3

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - INMARSAT 4F1 - (143.5 E.L.)
- 1 - INMARSAT 4F3 - (98 W.L.)
- 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-20090223-00200 E E860326 SPACENET SERVICES LICENSE SUB, INC.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

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

ANTENNA ID: 1 5.5 meters SATCOM TECH 551KS

14000.0000 - 14500.0000 MHz	33K3G7D	45.60 dBW
14000.0000 - 14500.0000 MHz	1M85G7D	58.30 dBW
14000.0000 - 14500.0000 MHz	1M65G7D	64.00 dBW

14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE, FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	54M0G7D	74.40 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	1M85G7D		
11700.0000 - 12200.0000 MHz	1M65G7D		
11700.0000 - 12200.0000 MHz	36K0G7D	0.00 dBW	19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D		38.4 KBPS, 1/2 RATE FEC, MSK

11700.0000 - 12200.0000 MHz	144KG7D	76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D	153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D	307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D	19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D	38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D	76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D	153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D	307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-1

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

38 ° 55 ' 24.00 " N LAT.

77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 2	5.6 meters	ANDREW	ESA-56
14000.0000 - 14500.0000 MHz	16M2G7D	78.20 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	1M20G7D	66.90 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	200KG7D	59.10 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	21M6G7D	79.40 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	26M0G7D	79.50 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	2M40G7D	69.90 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	36M0G7D	79.50 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	3M20G7D	71.10 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	400KG7D	62.10 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	4M80G7D	72.90 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	54M0G7D	79.50 dBW	DIGITAL PHASE MODULATED DATA

14000.0000 - 14500.0000 MHz	6M40G7D	74.10 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	800KG7D	65.10 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	8M10G7D	75.20 dBW	DIGITAL PHASE MODULATED DATA
14000.0000 - 14500.0000 MHz	100KG7D	57.10 dBW	DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	600KG7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	10M0G7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	10M0G7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	120KG7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	15M0G7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	1M20G7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	36M0G7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	3M20G7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	400KG7D		DIGITAL PHASE MODULATED DATA
11700.0000 - 12200.0000 MHz	800KG7D		DIGITAL PHASE MODULATED DATA

SITE ID: HUB-2

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

38 ° 55 ' 24.00 " N LAT.

77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 3

5.6 meters

ANDREW

ESA-56

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

11700.0000 - 12200.0000 MHz	480KG7D	307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D	19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D	38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D	76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D	153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D	307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-3

LOCATION: 1750 OLD MEADOW ROAD, (5.6M HUB), FAIRFAX, MCLEAN, VA
 38 ° 55 ' 24.00 " N LAT. 77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 4	5.6 meters	ANDREW	ESA-56
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, QPSK OR 1024 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE, FEC, BPSK
14000.0000 - 14500.0000 MHz	6M10G7D	65.10 dBW	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	6M40G7D	61.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	8M10G7D	66.40 dBW	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	10M8G7D	67.60 dBW	8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	16M2G7D	69.40 dBW	12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	21M6G7D	70.60 dBW	16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	36M0G7D	72.80 dBW	26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	43M2G7D	73.60 dBW	32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK

14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	400KG7D	49.00 dBW	256 KBPS, 1/2 RATE FEC, QPSK OR 128 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	600KG7D	50.80 dBW	384 KBPS, 1/2 RATE FEC, QPSK OR 192 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	800KG7D	52.00 dBW	512 KBPS, 1/2 RATE FEC, QPSK OR 256 KBPS, 1/2 RATE FEC, BPSK
11700.0000 - 12200.0000 MHz	36K0G7D	0.00 dBW	19.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	72K0G7D	0.00 dBW	38.4 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	144KG7D	0.00 dBW	76.8 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	288KG7D		153.6 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	480KG7D		307.2 KBPS, 1/2 RATE FEC, MSK
11700.0000 - 12200.0000 MHz	80K0G7D		19.2 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	130KG7D		38.4 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	290KG7D		76.8 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	400KG7D		153.6 KBPS, 1/2 RATE FEC, DPSK
11700.0000 - 12200.0000 MHz	800KG7D		307.2 KBPS, 1/2 RATE FEC, DPSK

SITE ID: HUB-4
LOCATION: 1750 OLD MEADOW ROAD, (5.6M HUB), FAIRFAX, MCLEAN, VA
38 ° 55 ' 24.00 " N LAT. 77 ° 12 ' 45.00 " W LONG.

ANTENNA ID: 5	5.6 meters	ANDREW	ESA-56
14000.0000 - 14500.0000 MHz	54M0G7D	74.60 dBW	40,000 KBPS, 1/2, 2/3, 5/6, 7/8 RATE FEC, QPSK
14000.0000 - 14500.0000 MHz	1M20G7D	53.80 dBW	768 KBPS, 1/2 RATE FEC, QPSK OR 384 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	1M60G7D	55.00 dBW	1,024 KBPS, 1/2 RATE FEC, QPSK OR 512 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	2M40G7D	56.80 dBW	1,536 KBPS, 1/2 RATE, FEC, BPSK
14000.0000 - 14500.0000 MHz	3M20G7D	58.00 dBW	2,048 KBPS, 1/2 RATE FEC, BPSK
14000.0000 - 14500.0000 MHz	4M80G7D	59.80 dBW	1,536 KBPS, 1/2 RATE, FEC, QPSK OR 768 KBPS, 1/2 RATE FEC, BPSK

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

11700.0000 - 12200.0000 MHz

800KG7D

307.2 KBPS, 1/2 RATE FEC, DPSK

Points of Communication:

1 - ALSAT - (ALSAT)

HUB-1 - ALSAT - (ALSAT)

HUB-2 - ALSAT - (ALSAT)

HUB-3 - ALSAT - (ALSAT)

HUB-4 - ALSAT - (ALSAT)

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

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