



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01176

Wednesday September 23, 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-20090917-01191 E E090163 APPLIED SCIENCE CENTER OF INNOVATION AND (d/b/a EXCELLENCE I
HOMELAND SECURITY RESEARCH)

Application for Authority

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: HUB 1

LOCATION: 510 GRUMMAN DRIVE, WEST (3.7M. HUB), NASSAU, BETHPAGE, NY
40 ° 44 ' 55.10 " N LAT. 73 ° 29 ' 56.70 " W LONG.

ANTENNA ID:	Hub 1	3.7 meters	ASC SIGNAL	3.7M
	11700.0000 - 12200.0000 MHz		44K0G7D	Digital Data
	11700.0000 - 12200.0000 MHz		461KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		596KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		647KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		1M06G7D	Digital Data
	11700.0000 - 12200.0000 MHz		11M7G7D	Digital Data
	14000.0000 - 14500.0000 MHz		44K0G7D 49.50 dBW	Digital Data
	14000.0000 - 14500.0000 MHz		461KG7D 59.70 dBW	digital Data

14000.0000 - 14500.0000 MHz	596KG7D	60.80 dBW	Digital Data
14000.0000 - 14500.0000 MHz	647KG7D	61.20 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M06G7D	63.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	11M7G7D	68.80 dBW	Digital Data

SITE ID: REMOTE 1
LOCATION: VARIOUS LOCATIONS (2.4M. VSAT), 50 UNITS, CONUS, AK, HI

ANTENNA ID: Remote 1	2.4 meters	PRODELIN CORP.	1244
11700.0000 - 12200.0000 MHz	44K0G7D		Digital Data
11700.0000 - 12200.0000 MHz	461KG7D		Digital Data
11700.0000 - 12200.0000 MHz	596KG7D		Digital Data
11700.0000 - 12200.0000 MHz	647KG7D		Digital Data
11700.0000 - 12200.0000 MHz	1M06G7D		Digital Data
11700.0000 - 12200.0000 MHz	11M7G7D		Digital Data
14000.0000 - 14500.0000 MHz	44K0G7D	45.50 dBW	Digital Data
14000.0000 - 14500.0000 MHz	461KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	596KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	647KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M06G7D	53.40 dBW	Digital Data

SITE ID: REMOTE 2
LOCATION: VARIOUS LOCATIONS (1.8M. VSAT), 50 UNITS, CONUS, AK, HI

ANTENNA ID: Remote 2	1.8 meters	PRODELIN CORP.	1184
11700.0000 - 12200.0000 MHz	44K0G7D		Digital Data
11700.0000 - 12200.0000 MHz	461KG7D		Digital Data
11700.0000 - 12200.0000 MHz	596KG7D		Digital Data
11700.0000 - 12200.0000 MHz	647KG7D		Digital Data
11700.0000 - 12200.0000 MHz	1M06G7D		Digital Data
11700.0000 - 12200.0000 MHz	11M7G7D		Digital Data

14000.0000 - 14500.0000 MHz	44K0G7D	42.80 dBW	Digital Data
14000.0000 - 14500.0000 MHz	461KG7D	53.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	596KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	647KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M06G7D	53.40 dBW	Digital Data

SITE ID: REMOTE 3
LOCATION: VARIOUS LOCATIONS (1.2M. VSAT), 50 UNITS, CONUS, AK, HI

ANTENNA ID: Remote 3	1.2 meters	PRODELIN CORP.	1134
11700.0000 - 12200.0000 MHz	44K0G7D		Digital Data
11700.0000 - 12200.0000 MHz	461KG7D		Digital Data
11700.0000 - 12200.0000 MHz	596KG7D		Digital Data
11700.0000 - 12200.0000 MHz	647KG7D		Digital Data
11700.0000 - 12200.0000 MHz	1M06G7D		Digital Data
11700.0000 - 12200.0000 MHz	11M7G7D		Digital Data
14000.0000 - 14500.0000 MHz	44K0G7D	39.50 dBW	Digital Data
14000.0000 - 14500.0000 MHz	461KG7D	49.70 dBW	Digital Data
14000.0000 - 14500.0000 MHz	596KG7D	50.80 dBW	Digital Data
14000.0000 - 14500.0000 MHz	647KG7D	51.20 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M06G7D	53.30 dBW	Digital Data

Points of Communication:

- HUB 1 - ALSAT - (ALSAT)
- REMOTE 1 - ALSAT - (ALSAT)
- REMOTE 2 - ALSAT - (ALSAT)
- REMOTE 3 - ALSAT - (ALSAT)

SES-MOD-20090813-00997 E E980179 SkyTerra Subsidiary LLC
Application for Modification
Class of Station: Other

Nature of Service: Mobile Satellite Service, Other

SkyTerra Subsidiary LLC requests modification of its blanket license for operation of 1.5/1.6 GHz mobile earth stations in the United States and operation of ATC stations in the United States in spectrum coordinated for MSS operation via the Canadian-licensed MSAT-1 satellite. The requested modification would add authority for operation in frequencies that are currently assigned internationally to two Mexican-licensed satellites, subject to a condition that SkyTerra's operation in the additional frequencies shall not cause harmful interference to operation of the Mexican satellite systems. SkyTerra requests waiver of Section 25.149(a)(2)(ii) and (b)(5)(iii), which state that ATC operation in the 1.5/1.6 GHz MSS bands shall be restricted to frequencies that have been internationally coordinated for the licensee's MSS system.

SITE ID: 1
 LOCATION: 100,000 Full-duplex METs & "EMS" half-duplex data METs, VARIOUS

ANTENNA ID:	A2	0 meters	WESTINGHOUSE / WEC Contour Dome	CD-JL01003, D-1000	
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A3	0.92 meters	WESTINGHOUSE / WEC Fixed Site (0.92 m)	CD-JL01083, F-1000	
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID:	A4	0.76 meters	WESTINGHOUSE / WEC Fixed Site (0.76 m)	CD-JL01083, F-1000	
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A5	0 meters	WESTINGHOUSE / WEC Maritime Contour Dome	CD-JL01003-G02	
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID:	D3	0 meters	NARROWBAND / Narrowband Mobile	MDT 1000	
	1626.5000 - 1660.5000 MHz		5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)

	1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
	1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID:	D4	0 meters	EATON/ Eaton Mobile	SCM
	1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
	1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
	1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID:	A1	0 meters	WESTINGHOUSE / WEC Mast	CD-JL01080, P-1000
	1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A6	1.2 meters	WESTINGHOUSE / WEC Mult. Fixed Site	F-1000MC
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A7	0.46 meters	WESTINGHOUSE / KVH SC Maritime	M-1015, D-100HF
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID:	A8	0 meters	MITSUBISHI / MELCO Dome	AU200A, ST-111D
	1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A9	0.6 meters	mitsubishi / MELCO Fixed Site	AU500A, ST-121
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A10	0.35 meters	mitsubishi / MELCO Briefcase	ST151
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A11	0.25 meters	mitsubishi / MELCO Omniquest	ST251

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A19	0 meters	WEC D-1000MH MARITIME DOME	CDJL01003-G02
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A20	0 meters	MITSUBISHI / MELCO DOME	AU201A, ST-211D
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1626.5000 - 1559.0000 MHz	5K00G7W	15.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A21	0.6 meters		mitsubishi / MELCO Fixed	AU601A,ST-221
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A22	0.3 meters		KVH TRACPHONE	AU900A, ST131
1626.5000 - 1660.5000 MHz	5K00G7W	11.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	11.00 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	11.00 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A23	0 meters	MITSUBISHI / MELCO MAST		AU110A,ST111
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A12	0 meters	CAL / Calquest		CQ100
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A13	0 meters	MITSUBISHI / MELCO Transportation Dome		AU400A
	1626.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	D1	0 meters	WESTINGHOUSE / WEC Contour Dome	CD-JL01003
	1626.5000 - 1660.5000 MHz	5K00G7D	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
	1626.5000 - 1660.5000 MHz	5K00G7D	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
	1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID:	D2	0.415 meters	NARROWBAND / Narrowband Fixed Site	RST 2000
	1626.5000 - 1660.5000 MHz	5K00G7D	13.80 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
	1626.5000 - 1660.5000 MHz	5K00G7D	13.80 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
	1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID:	D5		EMS / Packet Data / half duplex	PDT-100
	1626.5000 - 1660.5000 MHz	5K00G7D	11.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1626.5000 - 1660.5000 MHz	5K00G7D	11.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7D		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A14	0.46 meters	MITSUBISHI / MELCO Omnicquest Fixed	OQFAU, ST251
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W	0.00 dBW	TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W	0.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A15	0.85 meters	MITSUBISHI / MELCO Fixed	AU601B,ST221M
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A16	0.46 meters	EMS/GETS	0955-A-0100
	1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A17	0.46 meters	WESTINGHOUSE/WEC M-1075 MARITIME	M-1075, D-100HF
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID:	A18	0 meters	WESTINGHOUSE/WEC D DOME	CD-JL01003, .D-1000H
	1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A24	0.274 meters	HUGHES NETWORK SYSTEMS	MSAT-G2
1626.5000 - 1660.5000 MHz	5K00G7W	16.00 dBW	FDMA communications channel (voice or data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data)

Points of Communication:

1 - AMC-1 - (101.0 W.L.)

1 - MSAT-1 - (106.5 W.L.)

SES-MOD-20090831-01096 E KA25 Inmarsat Hawaii Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Inmarsat Hawaii Inc. has filed a modification application to add new emission designators to their existing authorized license using the extended C-band frequency bands. 3600-3700 MHz (space-to-earth) and 6425-6575 MHz (Earth-to-space)

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
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
6425.0000 - 6575.0000 MHz	750HG7D	63.70 dBW	DIGITAL DATA

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
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
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)
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
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
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	100KN0N	41.00 dBW	UNMODULATED CONTINUOUS WAVE PILOT CARRIERS
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
1525.0000 - 1559.0000 MHz	100KNON		Unmodulated continuous wave pilot carriers/Automatic Frequency compensation (AFC) via 4F1 & 4F3
3600.0000 - 3700.0000 MHz	2K50G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	2K50G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Packet-switched data
6425.0000 - 6475.0000 MHz	5K00G1D	58.60 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz	2K50G1D	59.60 dBW	Packet-switched data

6425.0000 - 6575.0000 MHz	2K50G1D	61.00 dBW	Packet-switched data
3600.0000 - 3700.0000 MHz	10K0G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Circuit-switched data
6425.0000 - 6575.0000 MHz	10K0G1D	63.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz	5K00G1D	60.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz	17K5G1E	63.70 dBW	Circuit-switched voice
3600.0000 - 3700.0000 MHz	17K5G1E		Circuit-switched voice

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-20090831-01103 E E080059 Inmarsat Hawaii Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Inmarsat Hawaii Inc. has filed a modification application to add new emission designators to their existing authorized license using the extended C-band frequency bands. 3600-3700 MHz (space-to-earth) and 6425-6575 MHz (Earth-to-space)

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)
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)
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
3600.0000 - 3700.0000 MHz	2K50G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Packet-switched data
6425.0000 - 6475.0000 MHz	5K00G1D	58.60 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz	2K50G1D	59.60 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz	2K50G1D	61.00 dBW	Packet-switched data
3600.0000 - 3700.0000 MHz	10K0G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Circuit-switched data
6425.0000 - 6575.0000 MHz	10K0G1D	63.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz	5K00G1D	60.70 dBW	Circuit-switched data
3600.0000 - 3700.0000 MHz	17K5G1E		Circuit-switched voice
6425.0000 - 6575.0000 MHz	17K5G1E	63.70 dBW	Circuit-switched voice

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)
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)
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
3600.0000 - 3700.0000 MHz	2K50G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Packet-switched data
6425.0000 - 6575.0000 MHz	2K50G1D	59.60 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz	2K50G1D	61.00 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz	5K00G1D	58.60 dBW	Packet-switched data
3600.0000 - 3700.0000 MHz	10K0G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Circuit-switched data
6425.0000 - 6575.0000 MHz	10K0G1D	63.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz	5K00G1D	60.70 dBW	Circuit-switched data
3600.0000 - 3700.0000 MHz	17K5G1E		Circuit-switched voice
6425.0000 - 6575.0000 MHz	17K5G1E	63.70 dBW	Circuit-switched voice

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-20090908-01131 E E000002 L-3 Communications Titan Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Modification filed to change the antenna size from 3.8m to 3.7m, change the manufacturer, the model number, the gains and the total input power at antenna flange. Applicant also request to change the point of contact for this licensee.

SITE ID: San Diego

LOCATION: 3033 SCIENCE PARK ROAD, SAN DIEGO, SAN DIEGO, CA

32 ° 54 ' 3.00 " N LAT.

117 ° 14 ' 29.00 " W LONG.

ANTENNA ID:	1A	3.7 meters	ASC Signal (Andrew)	ES37MPJK
14000.0000 - 14500.0000 MHz			3M69G7D 68.40 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz			76K8G7D- 51.60 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz			9M83G7D 61.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz			2M58G7D 61.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz			4M92G7D 64.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz			1M23G7D 60.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz			2M46G7D 64.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz			64K0G7D 60.60 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz			3M69G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz			76K8G7D-	DIGITAL DATA
11700.0000 - 12200.0000 MHz			9M83G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz			2M58G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz			4M92G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz			1M23G7D	DIGITAL DATA

11700.0000 - 12200.0000 MHz	2M46G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	64K0G7D	DIGITAL DATA

Points of Communication:

San Diego - ALSAT - (ALSAT)

San Diego - SATMEX-5 - (116.8 W.L.)

San Diego - SOLIDARIDAD F-2 - (113.0 W.L.)

SES-MOD-20090914-01169 E E030045 Bonneville Holding Company

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

"MOD" to replace antenna.

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 1.5 meters VERTEX/RSI 1.5M SMK-LT

14000.0000 - 14500.0000 MHz 24M0G7F 66.27 dBW PSK DIGITAL VIDEO WITH DIGITAL AUDIO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

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