PUBLIC NOTICE

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

News media information 202-418-0500
Fax-On-Demand 202-418-2830; Internet: http://www.fcc.gov (or ftp.fcc.gov)
TTY (202) 418-2555

Report No. SES-00252 **Wednesday January 17, 2001**

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-20001213-02367 E990291 SATELLITE CD RADIO, INC.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Satellite Digital Audio Radio Service

Amendment filed to change antenna elevation angle eastern and western limits.

SITE ID: 1

LOCATION: 24 VERNON CROSSING ROAD, SUSSEX, VERNON, NJ
41 ° 12 ' 44.90 " N LAT. 74 ° 29 ' 41.30 " W LONG.

ANTENNA ID: FEEDERS 4.5 meters VERTEX 4.5 KPX/S

7068.0000 - 7072.5000 MHz	4M51G7E	80.23 dBW	TDM QPSK DARS FEEDER
7060.0000 - 7064.5000 MHz	4M51G7E	80.23 dBW	TDM QPSK DARS FEEDER
2328.0000 - 2332.5000 MHz	4M51G7E		TDM QPSK DARS/ANCILLARY
2320.0000 - 2324.5000 MHz	4M51G7E		TDM QPSK DARS/ANCILLARY

Points of Communication:

SES-ASG-20010102-00006 E980506 PARADIGM MEDIA, INC.

Application for Consent to Assignment

Current Licensee: PARADIGM MEDIA, INC.

FROM: PARADIGM MEDIA, INC.

TO: MEDIA DIRECT, INC.

No. of Station(s) listed: 1

SES-LIC-20001129-02258 E000705 IMPSAT USA, INC.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: International Fixed Satellite Service

SITE ID: 1SHELL

LOCATION: 1500 OLD SPANISH TRAIL, ROOM PU07, HOUSTON, TX

29 ° 41 ' 36.00 " N LAT. 95 ° 24 ' 22.00 " W LONG.

ANTENNA ID: 1 3.8 meters PRODELIN 1383

5925.0000 - 6182.1400 MHz	1M23G7D	34.30 dBW	QPSK DIGITAL 3/4 FEC
6419.8900 - 6425.0000 MHz	1M23G7D	34.30 dBW	QPSK DIGITAL 3/4 FEC
3700.0000 - 4200.0000 MHz	1M23G7D		QPSK DIGITAL 3/4 FEC

Points of Communication:

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

SES-LIC-20001206-02284 E000721 VISION ACCOMPLISHED, INC.

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 001

LOCATION: VARIOUS

ANTENNA ID: 001 4.6 meters Andrew ES46P

14000.0000 - 14500.0000 MHz	36M091W	76.50 dBW	PSK Digital Video with associated data
11700.0000 - 12200.0000 MHz	36M091W		PSK Digital Video with associated data

Points of Communication:

001 - ALSAT - (ALSAT)

SES-LIC-20001229-02431 E010010 AFRICAN AMERICAN BROADCASTING CORPORATION

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 1.5 meters RF TECHNOLOGY SNG60/140DT

14000.0000 - 14500.0000 MHz	51K2G7D-	43.10 dBW	DIGITAL DATA, 64KBPS, 1/4, 1/2 FEC
14000.0000 - 14500.0000 MHz	36M0G7D-	71.60 dBW	DIGITAL DATA, 45 MBPS, 3/4, 1/2 FEC
14000.0000 - 14500.0000 MHz	36M0F3F	72.50 dBW	ANALOG VIDEO W/ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20010103-00003 E010007 IMPSAT USA, INC.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: International Fixed Satellite Service

SITE ID: SHELL DAMA

LOCATION: 450 PONCE DE LEON AVE PUERTO DE TIERRA, PUERTO RICO, SAN JUAN, PR

18 ° 23 ' 0.00 " N LAT. 66 ° 4 ' 8.00 " W LONG.

ANTENNA ID: 1 3.8 meters PRODELIN 1381

5925.0000 - 6425.0000 MHz	51K2G7D	0.93 dBW	QPSK, DIGITAL, 64 KBPS 3/4 FEC
3700.0000 - 4200.0000 MHz	1M23G7D		

Points of Communication:

SHELL DAMA - INTELSAT 805 - (304.5 E.L.)

SES-LIC-20010103-00004 E010008 IMPSAT USA, INC.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: International Fixed Satellite Service

SITE ID: SHELL VSAT

LOCATION: COND. TORRE DE LA REINA AVE., PONCE DE LEON #450, 2NDO PISO, PUERTO RICO, CATAN`O, PR

18 ° 25 ' 15.00 " N LAT. 66 ° 8 ' 22.00 " W LONG.

ANTENNA ID: 1 2.4 meters PRODELIN 1251

5925.0000 - 6425.0000 MHz	51K2G7D	0.76 dBW	BPSK DIGITAL 19.2 KBPS 1/2
3700.0000 - 4200.0000 MHz	1M23G7D		

Points of Communication:

SHELL VSAT - INTELSAT 805 - (304.5 E.L.)

SES-MOD-20001205-02285 E940246 CATALINA TRANSMISSION CORP.

Application for Modification

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 2813 West Alameda Avenue, LOS ANGELES, BURBANK, CA

34 ° 9 ' 27.00 " N LAT. 118 ° 19 ' 52.00 " W LONG.

ANTENNA ID: 1 10 meters SCIENTIFIC ATLANTA 8002

5925.0000 - 6425.0000 MHz	36M0F3F	81.00 dBW
5925.0000 - 6425.0000 MHz	4M50G1W	81.00 dBW
5925.0000 - 6425.0000 MHz	9M00G1W	81.00 dBW
5925.0000 - 6425.0000 MHz	26M0G7W	81.00 dBW
3700.0000 - 4200.0000 MHz	36M0F3F	
3700.0000 - 4200.0000 MHz	4M59G1W	
3700.0000 - 4200.0000 MHz	9M00G1W	
3700.0000 - 4200.0000 MHz	26M0G7W	

ANTENNA ID: 2 9.2 meters SATCOM TECH 920CS

5925.0000 - 6425.0000 MHz	36M0F3F	80.00 dBW
5925.0000 - 6425.0000 MHz	4M50G1W	80.00 dBW
5925.0000 - 6425.0000 MHz	9M00G1W	80.00 dBW
5925.0000 - 6425.0000 MHz	26M0G7W	80.00 dBW
3700.0000 - 4200.0000 MHz	36M0F3F	
3700.0000 - 4200.0000 MHz	4M59G1W	
3700.0000 - 4200.0000 MHz	9M00G1W	
3700.0000 - 4200.0000 MHz	26M0G7W	

ANTENNA ID: 3 4.1 meters COMTECH "18FT" OFFSAT-847130

5925.0000 - 6425.0000 MHz	36M0F3F	72.40 dBW

5925.0000 - 6425.0000 MHz	4M50G1W	75.70 dBW	
5925.0000 - 6425.0000 MHz	9M00G1W	75.70 dBW	
5925.0000 - 6425.0000 MHz	26M0G7W	75.70 dBW	
3700.0000 - 4200.0000 MHz	36M0F3F		
3700.0000 - 4200.0000 MHz	4M59G1W		
3700.0000 - 4200.0000 MHz	9M00G1W		
3700.0000 - 4200.0000 MHz	26M0G7W		

ANTENNA ID: 4 4.1 meters COMTECH "18FT" OFFSAT-847130

5925.0000 - 6425.0000 MHz	36M0F3F	72.40 dBW
5925.0000 - 6425.0000 MHz	4M50G1W	75.70 dBW
5925.0000 - 6425.0000 MHz	9M00G1W	75.70 dBW
5925.0000 - 6425.0000 MHz	26M0G7W	75.70 dBW
3700.0000 - 4200.0000 MHz	36M0F3F	
3700.0000 - 4200.0000 MHz	4M59G1W	
3700.0000 - 4200.0000 MHz	9M00G1W	
3700.0000 - 4200.0000 MHz	26M0G7W	

Points of Communication:

1 - ALSAT - (ALSAT)
1 - ANIK E1 - (111.1 W.L.)
1 - ANIK E2 - (107.3 W.L)
1 - SOLIDARIDAD F-1 - (109.2 W.L.)
1 - SOLIDARIDAD F-2 - (113.0 W.L.)

SES-MOD-20001220-02432 E980159 SATCOM SYSTEMS, INCORPORATED

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Domestic Mobile-Satellite Service

Modification filed to add another antenna.

SITE ID: 1

LOCATION: 25,000 Full-duplex METs, VARIOUS

ANTENNA ID: A7 0.46 meters WESTINGHOUSE / KVH SC Maritime M-1015, D-100HF

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1545.0000 - 1558.5000 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
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A10	0.35 meters	MITSUBISHI / MELCO Briefcase		ST151
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A11	0.25 meters	MITSUBISHI / MELCO Omniquest		ST251
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A12	0 meters	CAL / Calquest		CQ100
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A13	0 meters	MITSUBISHI / MELCO Transportation Dome		AU400A

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7D	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 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
1646.5000 - 1660.0000 MHz	5K00G7D	13.80 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 MHz	5K00G7D			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D3	0 meters	NARROWBAND / Narrowbanad Mobile		MDT 1000
1646.5000 - 1660.0000 MHz	5K00G7D	16.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)

1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 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

1646.5000 - 1660.0000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

ANTENNA ID: A22 0.3 meters KVH TRACPHONE AU900A, ST131

1646.5000 - 1660.0000 MHz	5K00G7W	11.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	11.00 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	11.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A23 0 meters MITSUBISHI/MELCO MAST AU110A, ST111

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A14	0.46 meters	MITSUBISHI/MELCO Ominquest Fixed		OQFAU, ST251
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W		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)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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

1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz		5K00G7W		FDMA communications channels (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
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz		5K00G7W		FDMA communications channels (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
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A20	16.5 meters	MITSUBISHI/MELCO DOME		AU201A, ST-211D
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1646.5000 - 1660.5000 MHz		5K00G7W	17.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 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)
1545.0000 - 1559.0000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1559.0000 MHz		5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A1	0 meters	WESTINGHOUSE / WEC Mast		CD-JL01080, P-1000
1646.5000 - 1660.0000 MHz		5K00G7W	12.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz		5K00G7W	12.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz		5K00G7W	12.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1545.0000 - 1558.5000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz		5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A2	0 meters	WESTINGHOUSE / WEC Contour Dome		CD-JL01003, D-1000
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz		5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1545.0000 - 1558.5000 MHz		5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A3	0.92 meters	WESTINGHOUSE / WEC Fixed Site (0.92m)			CD-JL01083, F-1000
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1545.0000 - 1558.5000 MHz		5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz		5K00G7W			FDMA communications channels (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)			CK-JL01083, F-1000
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz		5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz		5K00G7W			FDMA communications channels (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
1646.5000 - 1660.5000 MHz		5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

ANTENNA ID: A6 1.2 meters WESTINGHOUSE / WEC Mult. Fixed Site F-1000MC

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

Points of Communication:

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

SES-MOD-20001221-02403 E980159 SATCOM SYSTEMS, INCORPORATED

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Domestic Mobile-Satellite Service

SITE ID: 1

LOCATION: 25,000 Full-duplex METs, VARIOUS

ANTENNA ID: A1 0 meters WESTINGHOUSE / WEC Mast CD-JL01080, P-1000

1646.5000 - 1660.0000 MHz	5K00G7W	12.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1646.5000 - 1660.0000 MHz	5K00G7W	12.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	12.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A2	0 meters	WESTINGHOUSE / WEC Contour Dome		CD-JL01003, D-1000
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A3	0.92 meters	WESTINGHOUSE / WEC Fixed Site (0.92m)		CD-JL01083, F-1000
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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)		CK-JL01083, F-1000
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.5000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A6	1.2 meters	WESTINGHOUSE / WEC Mult. Fixed Site		F-1000MC
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (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

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 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

1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A10	0.35 meters	MITSUBISHI / MELCO Briefcase		ST151
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A11	0.25 meters	MITSUBISHI / MELCO Omniquest		ST251
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A12 0 meters CAL / Calquest CQ100

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

ANTENNA ID: A13 0 meters MITSUBISHI / MELCO Transportation Dome AU400A

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (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
1646.5000 - 1660.0000 MHz		5K00G7D		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 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
1646.5000 - 1660.0000 MHz		5K00G7D		13.80 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 MHz		5K00G7D			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID:	D3	0 meters	NARROWBAND / Narrowbanad Mobile		MDT 1000
1646.5000 - 1660.0000 MHz		5K00G7D		16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 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
1646.5000 - 1660.0000 MHz		5K00G7D		16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 MHz		5K00G7D			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID:	D5	0.07 meters	EMS		PDT-100

Points of Communication:

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

SES-MOD-20001221-02433 E980159 SATCOM SYSTEMS, INCORPORATED

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Domestic Mobile-Satellite Service

SITE ID: 1

LOCATION: 25,000 Full-duplex METs, VARIOUS

ANTENNA ID: A1		0 meters	WESTINGHOUSE / WEC Mast		CD-JL01080, P-1000
	1646.5000 - 1660.0000 MHz	5K00G7W	12.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1646.5000 - 1660.0000 MHz	5K00G7W	12.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1646.5000 - 1660.0000 MHz	5K00G7W	12.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
	1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A2		0 meters	WESTINGHOUSE / WEC Contour Dome		CD-JL01003, D-1000
	1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
	1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A3		0.92 meters	WESTINGHOUSE / WEC Fixed Site (0.92m)		CD-JL01083, F-1000

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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)		CK-JL01083, F-1000
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A6	1.2 meters	WESTINGHOUSE / WEC Mult. Fixed Site		F-1000MC
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 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

1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A10	0.35 meters	MITSUBISHI / MELCO Briefcase		ST151
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A11	0.25 meters	MITSUBISHI / MELCO Omniquest		ST251
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A12	0 meters	CAL / Calquest		CQ100
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A13	0 meters	MITSUBISHI / MELCO Transportation Dome		AU400A
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7D	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 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
1646.5000 - 1660.0000 MHz	5K00G7D	13.80 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 MHz	5K00G7D			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D3	0 meters	NARROWBAND / Narrowbanad Mobile		MDT 1000
1646.5000 - 1660.0000 MHz	5K00G7D	16.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)

1545.0000 - 1558.5000 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
1646.5000 - 1660.0000 MHz		5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 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)
1545.0000 - 1558.5000 MHz		5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: A22	0.3 meters	KVH TRACPHONE		AU900A, ST131
1646.5000 - 1660.0000 MHz		5K00G7W	11.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz		5K00G7W	11.00 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz		5K00G7W	11.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz		5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A23	0 meters	MITSUBISHI/MELCO MAST		AU110A, ST111
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz		5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz		5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A14	0.46 meters	MITSUBISHI/MELCO Ominquest Fixed		OQFAU, ST251
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W		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)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W		16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A20	16.5 meters	MITSUBISHI/MELCO DOME		AU201A, ST-211D
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	15.00 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (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
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W			FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: D5		EMS/Packet Data/half duplex		PDT-100
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

1646.5000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1545.0000 - 1558.5000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1545.0000 - 1558.5000 MHz	5K00G7W		FDMA communications channels (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps

Points of Communication:

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

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