



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01386

Wednesday October 5, 2011

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-20110809-00937 E E050196 EchoStar 77 Corp.

Amendment

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

"AMD" to SES-MFS-20110707-00793 to request a waiver of Sections 25.215 and 25.210(i)(1) of the rules to permit QuetzSat-1 with the following limits of cross polarization isolation performance: West Antenna: 26.5dB in Conus; 26.2 outside CONUS, East Antenna: 25.2 dB in CONUS.

SITE ID: Multiple

LOCATION: CONUS 1,000,000 (.66M Antennas)

ANTENNA ID: .66M 0.66 meters Various - all using the following specs. Various

12200.0000 - 12700.0000 MHz 24M0G7W 0.00 dBW DBS Service

Points of Communication:

Multiple - ECHOSTAR 4 - (77 W.L.)

Multiple - ECHOSTAR 8 - (77 W.L.)

Multiple - QUETZSAT-1 - (77 W.L.)

SES-LIC-20110627-00745 E E110100 Intelsat License LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3 Corporate Place, Piscataway, NJ
40 ° 33 ' 14.10 " N LAT.

74 ° 27 ' 24.30 " W LONG.

ANTENNA ID:	1	3.8 meters	Prodelin 1385	Prodelin 1385	
	3700.0000 - 4200.0000 MHz		51K2G7W	Digital data voice and video	
	5925.0000 - 6425.0000 MHz		51K2G7W	50.87 dBW	Digital Data voice and video
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data voice and video	
	5925.0000 - 6425.0000 MHz		36M0G7W	71.40 dBW	Digital Data voice and video

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20111003-01162 E E110134 Midwest Uplink, Inc. **EZ**
Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	Andrew 2.4	2.4 meters	ANDREW	ESA24SNG-KU	
	14000.0000 - 14500.0000 MHz		36M0F8W	67.58 dBW	ANALOG VIDEO/AUDIO, DIGITAL MCPC QPSK
	14000.0000 - 14500.0000 MHz		8M00G7F	66.50 dBW	ANALOG VIDEO/AUDIO, DIGITAL MCPC QPSK
	11700.0000 - 12200.0000 MHz		36M0F8W	ANALOG VIDEO/AUDIO, DIGITAL MCPC QPSK	
	11700.0000 - 12200.0000 MHz		8M00G7F	ANALOG VIDEO/AUDIO, DIGITAL MCPC QPSK	

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20111004-01163 E E110136 Platinum Uplink Services LLC **EZ**
Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

17300.0000 - 17310.0000 MHz	800KG2D	78.10 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F2D	0.00 dBW	Telemetry
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12200.0000 - 12210.0000 MHz	1M50F2D	0.00 dBW	Telemetry
17310.0000 - 17790.0000 MHz	24M0G7W	86.50 dBW	Digital Data and Compressed Video
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Digital Data and Compressed Video
ANTENNA ID: GD10	9 meters	Vertex	9m
17790.0000 - 17800.0000 MHz	800KG2D	78.10 dBW	Telecommand
17310.0000 - 17790.0000 MHz	24M0G7W	86.50 dBW	Digital Data and Compressed Video
17300.0000 - 17310.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Digital Data and Compressed Video
12200.0000 - 12210.0000 MHz	1M50F2D	0.00 dBW	Telemetry
17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	78.10 dBW	Telecommand
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones

Points of Communication:

Gilbert - EHOSTAR 1 - (77 W.L.)

Gilbert - EHOSTAR 2 - (148 W.L.)

Gilbert - EHOSTAR 3 - (61.5 W.L.)

Gilbert - EHOSTAR 4 - (77 W.L.)

Gilbert - EHOSTAR 5 - (129 W.L.)

Gilbert - EHOSTAR 6 - (110 W.L.)

Gilbert - EHOSTAR 6 - (72.7 W.L.)

Gilbert - EHOSTAR 7 - (119 W.L.)

Gilbert - EHOSTAR 8 - (110 W.L.)

Gilbert - EHOSTAR 8 - (77 W.L.)

Gilbert - EHOSTAR I - (148.0 W.L.)

Gilbert - QUETZSAT-1 - (77 W.L.)

Gilbert - RAINBOW1 - (61.5 W.L.)

SES-MFS-20110926-01139 E E980180 EchoStar Broadcasting Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Fixed Satellite Service, Other

"MOD" to add QuetzSat-1 as a point of communication and to provide telemetry, tracking and control (TT&C) operations and feeder link communications.

SITE ID: 1

LOCATION: 801 N. AMERICAN SKY BLVD., MARICOPA, GILBERT, AZ

33 ° 21 ' 56.50 " N LAT.

111 ° 48 ' 48.20 " W LONG.

ANTENNA ID: 1 13 meters VERTEX 13 KPK

17305.0000 - 17305.0000 MHz 900KF2D 72.80 dBW

17301.0000 - 17301.0000 MHz 900KF2D 72.80 dBW

17300.0000 - 17800.0000 MHz 26M0G7F 87.40 dBW

17300.0000 - 17800.0000 MHz 26M0G7D 87.40 dBW

12200.0000 - 12700.0000 MHz 26M0G7D

12200.0000 - 12700.0000 MHz 26M0G7D

Points of Communication:

1 - EHOSTAR 10 - (110 W.L.)

1 - EHOSTAR 2 - (148 W.L.)

1 - EHOSTAR 3 - (61.5 W.L.)

1 - EHOSTAR 4 - (77 W.L.)

1 - EHOSTAR 5 - (129 W.L.)

1 - EHOSTAR 6 - (110 W.L.)

1 - EHOSTAR 7 - (119 W.L.)

1 - EHOSTAR 8 - (110 W.L.)

1 - EHOSTAR I - (148.0 W.L.)

1 - QUETZSAT-1 - (77 W.L.)

1 - RAINBOW1 - (61.5 W.L.)

SES-MFS-20110926-01140 E E980174 EchoStar Broadcasting Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Fixed Satellite Service, Other

"MOD" to add QuetzSat-1 as a point of communication and to provide telemetry, tracking and control (TT&C) operations and feeder link communications.

SITE ID: 1

LOCATION: 801 N. AMERICAN SKY BLVD. (#2), MARICOPA, GILBERT, AZ

33 ° 21 ' 55.30 " N LAT.

111 ° 48 ' 48.20 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13 KPK
	17305.0000 - 17305.0000 MHz	900KF2D	72.80 dBW	TT&C CHANNEL
	17301.0000 - 17301.0000 MHz	900KF2D	72.80 dBW	TT&C CHANNEL
	17300.0000 - 17800.0000 MHz	26M0G7F	87.40 dBW	DIGITAL VIDEO, VOICE, DATA
	17300.0000 - 17800.0000 MHz	26M0G7D	87.40 dBW	DIGITAL VIDEO, VOICE, DATA
	12200.0000 - 12700.0000 MHz	26M0G7F		DIGITAL VIDEO, VOICE, DATA
	12200.0000 - 12700.0000 MHz	26M0G7D		DIGITAL VIDEO, VOICE, DATA

Points of Communication:

1 - EHOSTAR 10 - (110 W.L.)

1 - EHOSTAR 2 - (148 W.L.)

1 - EHOSTAR 3 - (61.5 W.L.)

1 - EHOSTAR 4 - (77 W.L.)

1 - EHOSTAR 5 - (129 W.L.)

1 - EHOSTAR 6 - (110 W.L.)

1 - EHOSTAR 7 - (119 W.L.)

1 - EHOSTAR 8 - (110 W.L.)

1 - EHOSTAR I - (148.0 W.L.)

1 - QUETZSAT-1 - (77 W.L.)

1 - RAINBOW1 - (61.5 W.L.)

SES-MOD-20110629-00764 E E990541 Telesat Network Services, Inc.

Application for Modification

Class of Station: Other

Nature of Service: Fixed Satellite Service

"MOD" to add antennas.

SITE ID: MT JACKSON

LOCATION: 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MT. JACKSON, VA

38 ° 43 ' 42.00 " N LAT.

78 ° 39 ' 24.00 " W LONG.

ANTENNA ID:	9M	9 meters	VERTEX	9KPC	
	14000.0000 - 14500.0000 MHz		36M0G7W	84.74 dBW	QPSK, VOICE, FACSIMILE, VIDEO AND DATA SERVICES
	14000.0000 - 14500.0000 MHz		1M80G7W	60.60 dBW	QPSK, VOICE, FACSIMILE, VIDEO AND DATA SERVICES
	14000.0000 - 14500.0000 MHz		7M04G7W	66.50 dBW	QPSK, VOICE, FACSIMILE, VIDEO AND DATA SERVICES
	13800.0000 - 14500.0000 MHz		6M90G7W	77.20 dBW	9.1195 MBPS QPSK, FEC TPC, 0.793, SCPC
	13800.0000 - 14500.0000 MHz		6M90G7W	77.20 dBW	5.6925 MBPS QPSK, FEC TPC, 0.495, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	30.3255 MBPS 8PSK, FEC TPC, 0.879, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	27.3585 MBPS 8PSK, FEC TPC, 0.793, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	20.217 MBPS QPSK, FEC TPC, 0.879, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	18.239 MBPS QPSK, FEC TPC, 0.793, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	12.259 MBPS QPSK, FEC TPC, 0.533, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	11.385 MBPS QPSK, FEC TPC, 0.495, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	9.913 MBPS QPSK, FEC TPC, 0.431, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	10,1085 MBPS BPSK, FEC TPC, 0.879, SCPC
	13800.0000 - 14500.0000 MHz		13M8G7W	77.20 dBW	9.1195 MBPS BPSK, FEC TPC, 0.793, SCPC

13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	6.1295 MBPS BPSK, FEC TPC, 0.533, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	5.6925 MBPS BPSK, FEC TPC, 0.495, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	4.9565 MBPS BPSK, FEC TPC, 0.431, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	168,768 KBPS 8PSK, FEC TPC, 0.879, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	152.256 KBPS 8PSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	112.512 KBPS QPSK, FEC TPC, 0.879, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	101.504 KBPS QPSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	68.224 KBPS QPSK, FEC TPC, 0.533, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	63.36 KBPS QPSK, FEC TPC, 0.495, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	55.168 KBPS QPSK, FEC TPC, 0.431, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	56.256 KBPS BPSK, FEC TPC, 0.879, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	50.752 KBPS BPSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	34.112 KBPS BPSK, FEC TPC, 0.533, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	31.68 KBPS BPSK, FEC TPC, 0.495, SCPC
13800.0000 - 14500.0000 MHz	76K8G1W	77.20 dBW	27.584 KBPS BPSK, FEC TPC, 0.431, SCPC
11700.0000 - 12200.0000 MHz	50K0G1W		DIGITAL SCPC CARRIER, QPSK
11700.0000 - 12200.0000 MHz	1M80G1W		DIGITAL SCPC CARRIER, QPSK
11700.0000 - 12200.0000 MHz	4M50G7W		QPSK, VOICE, FACSIMILE, VIDEO AND DATA SERVICES
11700.0000 - 12200.0000 MHz	3M45G1W		6.839625 MBPS BPSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W		5.6925 MBPS BPSK, FEC TPC, 0.66, TDMA

11700.0000 - 12200.0000 MHz	3M45G1W		4.55975 MBPS QPSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W		3.795 MBPS QPSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		152.256 KBPS 8PSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		126.72 KBPS 8PSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		101.504 KBPS QPSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		84.48 KBPS QPSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		68.224 KBPS QPSK, FEC TPC, 0.533, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		55.168 KBPS QPSK, FEC TPC, 0.431, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		50.752 KBPS BPSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		42.24 KBPS BPSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		34.112 KBPS BPSK, FEC TPC, 0.533, TDMA
11700.0000 - 12200.0000 MHz	76K8G1W		27.584 KBPS BPSK, FEC TPC, 0.431, TDMA
ANTENNA ID: 4009ESV	1 meters	SEATEL	4009
14000.0000 - 14470.0000 MHz	400KG7W	50.30 dBW	350KBPS, .533FEC, QPSK
14000.0000 - 14470.0000 MHz	500KG7W	50.30 dBW	540 KBPS, .66 FEC, QPSK
14000.0000 - 14470.0000 MHz	1M60G7W	50.30 dBW	1750 KBPS, .66 FEC, QPSK
14000.0000 - 14470.0000 MHz	470KG7W	50.30 dBW	410 KBPS, .533 FEC, QPSK
10950.0000 - 11200.0000 MHz	1M76G7W		
10950.0000 - 11200.0000 MHz	3M52G7W		
10950.0000 - 11200.0000 MHz	5M77G7W		
11450.0000 - 11700.0000 MHz	1M76G7W		
11450.0000 - 11700.0000 MHz	3M52G7W		

11450.0000 - 11700.0000 MHz	5M77G7W			
11700.0000 - 12200.0000 MHz	1M76G7W			
11700.0000 - 12200.0000 MHz	3M52G7W			
11700.0000 - 12200.0000 MHz	5M77G7W			
ANTENNA ID: 4006ESV	1 meters	SEATEL		4006
14000.0000 - 14470.0000 MHz	400KG7W	50.30 dBW		350KBPS, .533FEC, QPSK
14000.0000 - 14470.0000 MHz	500KG7W	50.30 dBW		540 KBPS, .66 FEC, QPSK
14000.0000 - 14470.0000 MHz	1M60G7W	50.30 dBW		1750 KBPS, .66 FEC, QPSK
14000.0000 - 14470.0000 MHz	470KG7W	50.30 dBW		410 KBPS, .533 FEC, QPSK
10950.0000 - 11200.0000 MHz	1M76G7W			
10950.0000 - 11200.0000 MHz	3M52G7W			
10950.0000 - 11200.0000 MHz	5M77G7W			
11450.0000 - 11700.0000 MHz	1M76G7W			
11450.0000 - 11700.0000 MHz	3M52G7W			
11450.0000 - 11700.0000 MHz	5M77G7W			
11700.0000 - 12200.0000 MHz	1M76G7W			
11700.0000 - 12200.0000 MHz	3M52G7W			
11700.0000 - 12200.0000 MHz	5M77G7W			
ANTENNA ID: 4003ESV	1 meters	SEATEL		4003
14000.0000 - 14470.0000 MHz	500KG7W	47.30 dBW		540 KBPS, .66 FEC, QPSK
14000.0000 - 14470.0000 MHz	1M60G7W	47.30 dBW		1750 KBPS, .66 FEC, QPSK
14000.0000 - 14470.0000 MHz	470KG7W	47.80 dBW		410 KBPS, .533 FEC, QPSK
10950.0000 - 11200.0000 MHz	1M76G7W			
10950.0000 - 11200.0000 MHz	5M77G7W			
11450.0000 - 11700.0000 MHz	1M76G7W			
11450.0000 - 11700.0000 MHz	3M52G7W			

11450.0000 - 11700.0000 MHz	5M77G7W			
11700.0000 - 12200.0000 MHz	1M76G7W			
11700.0000 - 12200.0000 MHz	3M52G7W			
11700.0000 - 12200.0000 MHz	5M77G7W			
14000.0000 - 14470.0000 MHz	400KG7W	47.30 dBW		350KBPS, .533FEC, QPSK
10950.0000 - 11200.0000 MHz	3M52G7W			
ANTENNA ID: USAT24ESV	0.6 meters	SEATEL		USAT24
14000.0000 - 14470.0000 MHz	943KG7W	45.00 dBW		1037 KBPS, QPSK, 33/50 FEC
10950.0000 - 11200.0000 MHz	943KG7W			
11450.0000 - 11700.0000 MHz	943KG7W			
11700.0000 - 12200.0000 MHz	943KG7W			
ANTENNA ID: 2406ESV	0.6 meters	SEATEL		2406
14000.0000 - 14470.0000 MHz	943KG7W	45.00 dBW		1037 KBPS, QPSK, 33/50 FEC
10950.0000 - 11200.0000 MHz	943KG7W			
11450.0000 - 11700.0000 MHz	943KG7W			
11700.0000 - 12200.0000 MHz	943KG7W			
ANTENNA ID: 6006ESV	1.5 meters	SEATEL		6006
14000.0000 - 14470.0000 MHz	943KG7W	52.00 dBW		1037 KBPS, QPSK, 33/50 FEC
10950.0000 - 11200.0000 MHz	943KG7W			
11450.0000 - 11700.0000 MHz	943KG7W			
11700.0000 - 12200.0000 MHz	943KG7W			
ANTENNA ID: 6009ESV	1.5 meters	SEATEL		6009
14000.0000 - 14470.0000 MHz	943KG7W	52.00 dBW		1037 KBPS, QPSK, 33/50 FEC
10950.0000 - 11200.0000 MHz	943KG7W			
11450.0000 - 11700.0000 MHz	943KG7W			
11700.0000 - 12200.0000 MHz	943KG7W			

Points of Communication:

MT JACKSON - ALSAT - (ALSAT)

MT JACKSON - ESTRELA DO SUL 1 - (63 W.L.)

MT JACKSON - ESTRELA DO SUL 2 - (63 W.L.)

MT JACKSON - SATMEX-5 - (116.8 W.L.)

SES-MOD-20110629-00765 E E890649 VIZADA, INC.

Application for Modification

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

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

"MOD" to update the Particulars of Operation (Section B of the license) and the Antenna Facilities Specifications (Section E of the license) listed in its authorization to provide ESV service via its Santa Paula, CA teleport, call sign E890649 for the Sea Tel model 4003A and 4006 1.0 meter Ku-band remote Earth Station on Vessel (ESV) antennas; the Sea Tel model 5009 1.2 meter Ku-band remote ESV antennas; and the Sea Tel model 6006 1.5 meter Ku-band remote ESV antennas. The application is also to add up to 500 Sea Tel model 4009/4010 1.0 meter Ku-band remote ESV antennas; up to 500 Sea Tel model 5010 1.2 meter Ku-band remote ESV antennas; up to 500 Sea Tel model 6009 1.5 meter Ku-band remote ESV antennas; and up to 500 Intellian model V110 1.05 Meter Ku-band remote ESV antennas to the authorization.

SITE ID: KUBAND ESV REMOTES

LOCATION: 1.2 M. SeaTel5009, CONUS, (500 UNITS)

ANTENNA ID:	SeaTel5009	1.2 meters	SEATEL	5009
	14000.0000 - 14500.0000 MHz	194KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	222KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	263KG7W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	291KG7W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	296KG7W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	345KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	388KG7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	417KG7W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	445KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	452KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	518KG7W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 11200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G1W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG1W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG1W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG1W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG1W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG1W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	263KG1W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG1W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG1W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: STL4009/10	1 meters	SEA TEL	4009/4010
14000.0000 - 14500.0000 MHz	89K6G1W	37.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	46.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	38.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	48.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	291KG7W	42.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	41.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: SeaTel5010	1.2 meters	SEA TEL	5010
14000.0000 - 14500.0000 MHz	97K0G7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	97K0G1W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG7W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG1W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG7W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG1W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG1W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG7W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG1W	47.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	291KG7W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG1W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG7W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG1W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG1W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG1W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: SeaTel6009	1.5 meters	SEA TEL	6009
14000.0000 - 14500.0000 MHz	97K0G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	44.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	81K0G7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	51.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	49.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	717KG1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTL V110	1.05 meters	INTELLIAN		V110
14000.0000 - 14500.0000 MHz	97K0G7W	39.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	49.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	48.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	47.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	37.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	47.10 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	46.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.10 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	49.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	1M36G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194K6G7W	42.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: SANTA PAULA
LOCATION: 7676 PINE GROVE ROAD (14.2M.TIW), VENTURA, SANTA PAULA, CA
34 ° 24 ' 5.00 " N LAT. 119 ° 4 ' 29.40 " W LONG.

ANTENNA ID: 14.2M.TIW 14.2 meters TIW 14.2 M

14000.0000 - 14500.0000 MHz	64M8G7W	84.60 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	69K0G7W	57.60 dBW	DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	69K0G7W		DIGITAL VIDEO, AUDIO AND DATA

11700.0000 - 12200.0000 MHz	6M21G7W	DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	69K0G7W	DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	6M21G7W	DIGITAL VIDEO, AUDIO AND DATA
10950.0000 - 11200.0000 MHz	69K0G7W	DIGITAL VIDEO, AUDIO AND DATA
10950.0000 - 11200.0000 MHz	6M21G7W	DIGITAL VIDEO, AUDIO AND DATA

SITE ID: KUBAND REMOTE ESV
LOCATION: 1.0 M. SeaTel4003A, CONUS, (500 UNITS)

ANTENNA ID:	SeaT4003A	1 meters	SEATEL	4003A
14000.0000 - 14500.0000 MHz	44K8G1W	34.60 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	538KG1W	45.50 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	37.70 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	194KG7W	41.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M16G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M36G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M55G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	219KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	388KG7W	44.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	485KG7W	45.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	582KG7W	45.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	717KG1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 MHz	44K8G1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 MHz	151KG7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		

11450.0000 - 11700.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	47.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	38.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: SeaTel4006	1 meters	SEATEL	4006
14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	46.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	89K6G1W	37.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	42.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	41.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	97K0G7W	38.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 4996T	1.2 meters	SEATEL	4996T
14000.0000 - 14500.0000 MHz	1M43G1W	51.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.10 dBW	SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	89K5G1W			SCPC USING QPSK AND BPSK MODULATION
SITE ID: KUBAND ESV REMOTE				
LOCATION: 1.5 M. SeaTel6006, CONUS, (500 UNITS)				
ANTENNA ID: SeaTel6006	1.5 meters	SEATEL		6006
14000.0000 - 14500.0000 MHz	89K6G1W	44.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	44.20 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	53.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	51.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	51.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	51.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	49.70 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	48.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	46.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: KUBAND REMOTE ESV
LOCATION: 1.0 M. SeaTel4006, CONUS, (250 UNITS)

SITE ID: KUBAND ESV REMOTES
LOCATION: 1.0 M. STL4009/10, CONUS, (500 UNITS)

SITE ID: KUBAND ESV REMOTES
LOCATION: 1.2 M. SeaTel5010, CONUS, (500 UNITS)

SITE ID: KUBAND ESV REMOTES
LOCATION: 1.5 M. SeaTel6009, CONUS, (500 UNITS)

SITE ID: KUBAND ESV REMOTES
LOCATION: 1.05 M. INTL V110, CONUS, (500 UNITS)

Points of Communication:

KUBAND ESV REMOTE - ALSAT - (ALSAT)

KUBAND ESV REMOTE - AMC 23 - (172 E.L.)

KUBAND ESV REMOTES - ALSAT - (ALSAT)

KUBAND ESV REMOTES - ALSAT - (ALSAT)

KUBAND ESV REMOTES - ALSAT - (ALSAT)

KUBAND ESV REMOTES - ALSAT - (ALSAT)

KUBAND ESV REMOTES - ALSAT - (ALSAT)

KUBAND REMOTE ESV - ALSAT - (ALSAT)

KUBAND REMOTE ESV - ALSAT - (ALSAT)

KUBAND REMOTE ESV - AMC 23 - (172 E.L.)

SANTA PAULA - ALSAT - (ALSAT)

SANTA PAULA - AMC 23 - (172 E.L.)

SES-MOD-20110906-01039 E E100051 LightSquared Subsidiary LLC

Application for Modification

Class of Station: Other

Nature of Service: Mobile Satellite Service

"MOD" to add antenna SCMS 6 and to remove antenna SCMS 3 located in Eureka, California.

SITE ID: SCMS 1

LOCATION: 21091 FM 507, Cameron, Harlingen, TX

26 ° 15 ' 11.00 " N LAT.

97 ° 39 ' 39.00 " W LONG.

ANTENNA ID: M1	0.76 meters	Westinghouse	AU-10FS
1626.5000 - 1660.5000 MHz	N0N	16.50 dBW	Unmodulated signal
1626.5000 - 1660.5000 MHz	5K00G9W	16.50 dBW	4800 bps QPSK data carrier
1525.0000 - 1559.0000 MHz	5K00G9W	0.00 dBW	4800 bps QPSK data carrier

SITE ID: SCMS 2

LOCATION: 3877 University Drive, Anchorage Borough, Anchorage, AK

61 ° 11 ' 26.00 " N LAT.

149 ° 48 ' 30.00 " W LONG.

ANTENNA ID: M2	0.76 meters	Westinghouse	AU-10FS
1626.5000 - 1660.5000 MHz	5K00G9W	16.50 dBW	4800 bps QPSK data carrier
1626.5000 - 1660.5000 MHz	N0N	16.50 dBW	Unmodulated signal
1525.0000 - 1559.0000 MHz	5K00G9W	0.00 dBW	4800 bps QPSK data carrier

SITE ID: SCMS 4

LOCATION: 10802 Parkridge Boulevard, Fairfax, Reston, VA

38 ° 56 ' 42.00 " N LAT.

77 ° 19 ' 9.00 " W LONG.

ANTENNA ID:	M4	0.76 meters	Westinghouse	AU-10FS	
	1626.5000 - 1660.5000 MHz		N0N	16.50 dBW	Unmodulated signal
	1626.5000 - 1660.5000 MHz		5K00G9W	16.50 dBW	4800 bps QPSK data carrier
	1525.0000 - 1559.0000 MHz		5K00G9W	0.00 dBW	4800 bps QPSK data carrier

SITE ID: SCMS 5
LOCATION: AVE. 167 KM. 18.9, 0, BAYAMON, PR
18 ° 22 ' 7.80 " N LAT. 66 ° 11 ' 1.37 " W LONG.

ANTENNA ID:	M5	0.76 meters	WESTINGHOUSE	AU-10FS	
	1626.5000 - 1660.5000 MHz		NON	16.50 dBW	UNMODULATED SIGNAL
	1626.5000 - 1660.5000 MHz		5K00G9W	16.50 dBW	4800 BPS QPSK DATA CARRIER
	1525.0000 - 1559.0000 MHz		5K00G9W		4800 BPS QPSK DATA CARRIER

SITE ID: SCMS 6
LOCATION: 4600 AIR WAY, SAN DIEGO, SAN DIEGO, CA
32 ° 43 ' 10.42 " N LAT. 117 ° 5 ' 42.53 " W LONG.

ANTENNA ID:	M6	0.76 meters	WESTINGHOUSE	AU-10FS	
	1626.5000 - 1660.5000 MHz		NON	16.50 dBW	UNMODULATED SIGNAL
	1525.0000 - 1559.0000 MHz		5K00G9W		4800 BPS QPSK DATA CARRIER

Points of Communication:

- SCMS 1 - MSAT-1 - (106.5 W.L.)
- SCMS 1 - MSAT-2 - (101.3 W.L.)
- SCMS 1 - SKYTERRA 1 - (101.3 W.L.)
- SCMS 2 - MSAT-1 - (106.5 W.L.)
- SCMS 2 - MSAT-2 - (101.3 W.L.)
- SCMS 2 - SKYTERRA 1 - (101.3 W.L.)
- SCMS 4 - MSAT-1 - (106.5 W.L.)
- SCMS 4 - MSAT-2 - (101.3 W.L.)
- SCMS 4 - SKYTERRA 1 - (101.3 W.L.)
- SCMS 5 - MSAT-1 - (106.5 W.L.)
- SCMS 5 - MSAT-2 - (101.3 W.L.)
- SCMS 5 - SKYTERRA 1 - (101.3 W.L.)

14000.0000 - 14500.0000 MHz	54M0G1D	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1E	91.80 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	90.60 dBW	
14000.0000 - 14500.0000 MHz	36M0G7W	86.10 dBW	DIGITAL, VIDEO, DATA AND VOICE
14000.0000 - 14500.0000 MHz	36M0G7W	73.40 dBW	DIGITAL, VIDEO, DATA AND VOICE
13810.0000 - 14000.0000 MHz	54M0G7W	85.00 dBW	DIGITAL, VIDEO, DATA AND VOICE
11705.5000 - 12199.0000 MHz	850KF2D		TT&C
11700.0000 - 12200.0000 MHz			
11700.0000 - 12200.0000 MHz	500KG7W		540 Kbps, 66 FEC, QPSK
11451.0000 - 11451.0000 MHz	850KF2D		ORION
11450.5000 - 11450.5000 MHz	850KF2D		ORION
11450.0000 - 11950.0000 MHz			INTELSAT
10950.0000 - 11700.0000 MHz	54M0G7W		(WTO-COVERED SERVICES ONLY)
10950.0000 - 11200.0000 MHz			INTELSAT
ANTENNA ID: LMA4T11N	9 meters	VERTEX	9 KPK
14498.0000 - 14500.0000 MHz	850KF2D	69.70 dBW	
14000.0000 - 14500.0000 MHz	17M5F3F	79.30 dBW	
14000.0000 - 14500.0000 MHz	36M0F3F	70.80 dBW	
14000.0000 - 14500.0000 MHz	49K0G1D	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1E	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1F	45.70 dBW	
14000.0000 - 14500.0000 MHz	1M80G1D	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1E	61.30 dBW	

14000.0000 - 14500.0000 MHz	1M80G1F	61.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1D	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	86.50 dBW	
14000.0000 - 14500.0000 MHz	100HN0N	85.50 dBW	
14000.0000 - 14500.0000 MHz	2M70G1C	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1D	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	74.70 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	86.50 dBW	
14000.0000 - 14500.0000 MHz	1M76G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
14000.0000 - 14500.0000 MHz	3M52G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
14000.0000 - 14500.0000 MHz	5M77G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
13810.0000 - 14000.0000 MHz	1M76G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
13810.0000 - 14000.0000 MHz	3M52G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
13810.0000 - 14000.0000 MHz	5M77G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
11700.0000 - 12200.0000 MHz			
11700.0000 - 12200.0000 MHz	1M60G7W		1750 Kbps, 66 FEC, QPSK
11700.0000 - 12200.0000 MHz	400KG7W		350 Kbps, 533 FEC, QPSK
11700.0000 - 12200.0000 MHz	470KG7W		410 Kbps, 533 FEC, QPSK
11451.0000 - 11451.0000 MHz	850KF2D		ORION
11450.5000 - 11450.5000 MHz	850KF2D		ORION
11450.0000 - 11950.0000 MHz			INTELSAT
11450.0000 - 11700.0000 MHz	1M60G7W		1750 Kbps, 66 FEC, QPSK

11450.0000 - 11700.0000 MHz	400KG7W		350 Kbps, 533 FEC, QPSK
11450.0000 - 11700.0000 MHz	470KG7W		410 Kbps, 533 FEC, QPSK
11450.0000 - 11700.0000 MHz	500KG7W		540 Kbps, 66 FEC, QPSK
10950.0000 - 11200.0000 MHz			INTELSAT
10950.0000 - 11200.0000 MHz	1M60G7W		1750 Kbps, .66 FEC, QPSK
10950.0000 - 11200.0000 MHz	400KG7W		350 Kbps, 533 FEC, QPSK
10950.0000 - 11200.0000 MHz	470KG7W		410 Kbps, 533 FEC, QPSK
10950.0000 - 11200.0000 MHz	500KG7W		540 Kbps, 66 FEC, QPSK
ANTENNA ID: 1.8M	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	200KG7W	49.50 dBW	
14000.0000 - 14500.0000 MHz	320KG7W	49.50 dBW	
14000.0000 - 14500.0000 MHz	640KG7W	49.50 dBW	
11700.0000 - 12200.0000 MHz	200KG7W		
11700.0000 - 12200.0000 MHz	320KG7W		
11700.0000 - 12200.0000 MHz	640KG7W		
ANTENNA ID: 2.4M	2.4 meters	PRODELIN	1246
14000.0000 - 14500.0000 MHz	1M28G7W	58.20 dBW	
14000.0000 - 14500.0000 MHz	2M56G7W	58.20 dBW	
14000.0000 - 14500.0000 MHz	800KG7W	58.20 dBW	
11700.0000 - 12200.0000 MHz	2M56G7W		
11700.0000 - 12200.0000 MHz	1M28G7W		ORION, PAS
11700.0000 - 12200.0000 MHz	800KG7W		
ANTENNA ID: 4003A ESV	1 meters	SEATEL	4003A
12500.0000 - 12750.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
12500.0000 - 12750.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
12500.0000 - 12750.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK

11700.0000 - 12200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11700.0000 - 12200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
11700.0000 - 12200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11450.0000 - 11700.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
10950.0000 - 11200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
10950.0000 - 11200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
10950.0000 - 11200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
ANTENNA ID: 4006 ESV	1 meters	SEATEL	4006
14000.0000 - 14500.0000 MHz	400KG7W	45.50 dBW	350 Kbps, .533 FEC, QPSK
14000.0000 - 14500.0000 MHz	500KG7W	46.50 dBW	540 Kbps, .66 FEC, QPSK
14000.0000 - 14500.0000 MHz	470KG7W	46.20 dBW	410 Kbps, .533 FEC, QPSK
14000.0000 - 14500.0000 MHz	1M60G7W	50.30 dBW	1750 Kbps, .66 FEC, QPSK
12500.0000 - 12750.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
12500.0000 - 12750.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
12500.0000 - 12750.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
11700.0000 - 12200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11700.0000 - 12200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11450.0000 - 11700.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
10950.0000 - 11200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
10950.0000 - 11200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
10950.0000 - 11200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
ANTENNA ID: 2406 ESV	0.6 meters	SEATEL	2406

14200.0000 - 14470.0000 MHz	943KG7W	38.10 dBW	1037 Kbps, QPSK, 33/50 FEC
14000.0000 - 14500.0000 MHz	943KG7W	38.10 dBW	1037 Kbps, QPSK, 33/50 FEC
12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
ANTENNA ID: 6006 ESV	1.5 meters	SEATEL	6006
14200.0000 - 14470.0000 MHz	943KG7W	52.00 dBW	1037 Kbps, QPSK, 33/50 FEC
14000.0000 - 14500.0000 MHz	943KG7W	52.00 dBW	1037 Kbps, QPSK, 33/50 FEC
12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
ANTENNA ID: 4009 ESV	1 meters	SEATEL	4009
14200.0000 - 14470.0000 MHz	400KG7W	45.50 dBW	350KBPS, .533 FEC, QPSK
14200.0000 - 14470.0000 MHz	500KG7W	46.50 dBW	540 KBPS, .66 FEC, QPSK
14200.0000 - 14470.0000 MHz	1M60G7W	50.30 dBW	1750 KBPS, .66 FEC, QPSK
14200.0000 - 14470.0000 MHz	470KG7W	46.20 dBW	410 KBPS, .533 FEC, QPSK
12500.0000 - 12750.0000 MHz	1M76G7W		NULL
12500.0000 - 12750.0000 MHz	3M52G7W		NULL
12500.0000 - 12750.0000 MHz	5M77G7W		NULL
11700.0000 - 12200.0000 MHz	1M76G7W		NULL
11700.0000 - 12200.0000 MHz	3M52G7W		NULL
11700.0000 - 12200.0000 MHz	5M77G7W		NULL
11450.0000 - 11700.0000 MHz	1M76G7W		NULL
11450.0000 - 11700.0000 MHz	3M52G7W		NULL

11450.0000 - 11700.0000 MHz	5M77G7W		NULL
10950.0000 - 11200.0000 MHz	1M76G7W		NULL
10950.0000 - 11200.0000 MHz	3M52G7W		NULL
10950.0000 - 11200.0000 MHz	5M77G7W		NULL
ANTENNA ID: 6009 ESV	1.5 meters	SEATEL	6009
14200.0000 - 14470.0000 MHz	943KG7W	52.00 dBW	1037 KBPS, QPSK, 33/50 FEC
12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
ANTENNA ID: USAT 24	0.6 meters	SEATEL	USAT 24
14200.0000 - 14470.0000 MHz	943KG7W	38.10 dBW	1037 KBPS, QPSK, 33/50 FEC
12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
ANTENNA ID: 9797 ESV	2.4 meters	SEATEL	9797
14200.0000 - 14470.0000 MHz	943KG7W	57.50 dBW	1037 KBPS, QPSK, 33/50 FEC
11450.0000 - 11700.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
12500.0000 - 12750.0000 MHz	943KG7W		NULL

Points of Communication:

1 - TELSTAR 11N - (37.55 W.L.)

SES-STA-20110725-00857 E Intelsat License LLC
Special Temporary Authority
Class of Station:

"STA" is accepted for filing for a period of 180 days. Intelsat License LLC (Intelsat) requests Special Temporary Authority (STA) to test a 2.4 meter C-band antenna with its Intelsat 701 satellite at 180.0° E.L. in the following frequencies: 6342-6378 MHz (uplink, circular polarization) and 4117-4153 MHz (downlink, circular polarization). During the testing, the antenna will be located at Intelsat's Napa, California teleport (38 14 44 N, 122 16 43 W). Application exhibits A-E, contain technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating facility.

Points of Communication:

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