



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01206

Wednesday December 30, 2009

SATELLITE COMMUNICATIONS SERVICES

RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-AMD-20081215-01614 E KB34 Vizada, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

Vizada, Inc. amends the pending modification application File No. SES-MFS-20081029-01425 to submit Schedule S information for the Inmarsat 2F1 satellite and to withdraw a waiver request in the above-referenced application.

SITE ID: SANTA PAULA

LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA

34 ° 24 ' 5.00 " N LAT.

119 ° 4 ' 29.40 " W LONG.

ANTENNA ID: 12.8M

12.8 meters

PHILCO-FORD

5925.0000 - 6425.0000 MHz

36M0F8F

82.50 dBW

ANALOG VIDEO

5925.0000 - 6425.0000 MHz

18M0F8F-

82.50 dBW

ANALOG VIDEO

5925.0000 - 6425.0000 MHz

36M0G7F

87.80 dBW

DIGITAL VIDEO

5925.0000 - 6425.0000 MHz

4M00G7F-

83.30 dBW

DIGITAL VIDEO

5925.0000 - 6425.0000 MHz

72M0G7W

87.80 dBW

DIGITAL VOICE, AND DATA

5925.0000 - 6425.0000 MHz

21K9G7W-

60.70 dBW

DIGITAL VOICE, AND DATA

3700.0000 - 4200.0000 MHz

36M0F8F

ANALOG VIDEO

3700.0000 - 4200.0000 MHz	18M0F8F-			ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F			DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-			DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W			DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-			DIGITAL VOICE, AND DATA
ANTENNA ID: 12.8M	12.8 meters	PHILCO-FORD		42 FT.
6454.4000 - 6456.6000 MHz				
6443.0000 - 6454.0000 MHz				
6440.0000 - 6443.0000 MHz	600HG1D	70.00 dBW		AERO
6440.0000 - 6443.0000 MHz	1K20G1D	70.00 dBW		AERO
6440.0000 - 6443.0000 MHz	2K40G1D	70.00 dBW		AERO
6440.0000 - 6443.0000 MHz	10K5G1E	70.00 dBW		AERO
6425.0000 - 6443.0000 MHz	NON	70.00 dBW		Communications System Monitoring (CSM)
6425.0000 - 6443.0000 MHz	600KFXN	70.00 dBW		CSM
6425.0000 - 6440.0000 MHz	NON	77.00 dBW		PILOT
6425.0000 - 6440.0000 MHz	30K0F3E	77.00 dBW		
6425.0000 - 6440.0000 MHz	600HG1D	77.00 dBW		
6425.0000 - 6440.0000 MHz	1K20G1D	77.00 dBW		
6420.0000 - 6424.0000 MHz	24K0F3E	67.00 dBW		
6420.0000 - 6424.0000 MHz	2K50G1D	68.00 dBW		
6420.0000 - 6424.0000 MHz	24K0G1D	65.00 dBW		
6420.0000 - 6424.0000 MHz	24K0F3E	77.00 dBW		AFRTS audio program channel services vis satellite at 176.5 degrees East
6417.0000 - 6443.0000 MHz	4K00G3E	77.00 dBW		
6417.0000 - 6443.0000 MHz	4K00G1D	77.00 dBW		
6417.0000 - 6443.0000 MHz	6K00G1D	77.00 dBW		

6417.0000 - 6443.0000 MHz	7K50G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	12K0G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	12K0G1D	77.00 dBW	
6416.0000 - 6418.0000 MHz	600KFXN	75.00 dBW	TT&C / MARECS
6416.0000 - 6418.0000 MHz	900KF2D	75.00 dBW	TT&C / MARECS
6174.6000 - 6175.4000 MHz	800KFXD	85.00 dBW	
6170.0000 - 6180.0000 MHz	900KF2D	89.00 dBW	TT&C / INMARSAT II
5927.0000 - 5927.0000 MHz	800KFXD	85.00 dBW	
5925.0000 - 6425.0000 MHz	34M0FXN	85.00 dBW	
4195.0000 - 4199.0000 MHz	24K0F3E		
4195.0000 - 4199.0000 MHz	2K50G1D		
4195.0000 - 4199.0000 MHz	24K0G1D		
4192.5000 - 4200.0000 MHz	3K00G1D		
4192.5000 - 4200.0000 MHz	4K00G1D		
4192.5000 - 4200.0000 MHz	4K00G3E		
4192.5000 - 4200.0000 MHz	7K50G3E		
4192.5000 - 4200.0000 MHz	12K0G1D		
4192.5000 - 4200.0000 MHz	12K0G3E		
4192.5000 - 4200.0000 MHz	NON		PILOT
4192.5000 - 4200.0000 MHz	600HG1D		
4192.5000 - 4200.0000 MHz	1K20G1D		
4192.5000 - 4200.0000 MHz	4K80G1D		
4188.0000 - 4189.0000 MHz	1K00G1D		TT&C / MARECS
3954.5000 - 3954.5000 MHz	1K00G1D		
3954.5000 - 3954.5000 MHz	14K5F2D		
3945.5000 - 3945.5000 MHz	1K00G1D		

3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	14K5F2D		
3945.0000 - 3955.0000 MHz	1K00G1D		TT&C / INMARSAT II
3700.5000 - 3700.5000 MHz	1K00G1D		
3620.0000 - 3623.0000 MHz	600HG1D		AERO
3620.0000 - 3623.0000 MHz	1K20G1D		AERO
3620.0000 - 3623.0000 MHz	2K40G1D		AERO
3620.0000 - 3623.0000 MHz	10K5G1E		AERO
3600.0000 - 3629.0000 MHz			
3600.0000 - 3623.0000 MHz	NON		CSM
3600.0000 - 3623.0000 MHz	300KFXN		CSM
3600.0000 - 3623.0000 MHz	3K00G1D		
3600.0000 - 3623.0000 MHz	4K00G1D		
3600.0000 - 3623.0000 MHz	4K00G3E		
3600.0000 - 3623.0000 MHz	7K50G3E		
3600.0000 - 3623.0000 MHz	12K0G1D		
3600.0000 - 3623.0000 MHz	12K0G3E		
3600.0000 - 3620.0000 MHz	NON		PILOT
3600.0000 - 3620.0000 MHz	600HG1D		
3600.0000 - 3620.0000 MHz	4K80G1D		
3600.0000 - 3620.0000 MHz	30K0F3E		
1646.5000 - 1649.5000 MHz	600HG1D	15.00 dBW	AERO
1646.5000 - 1649.5000 MHz	1K20G1D	18.00 dBW	AERO
1646.5000 - 1649.5000 MHz	2K40G1D	21.00 dBW	AERO
1646.5000 - 1649.5000 MHz	10K5G1E	27.00 dBW	AERO
1638.5000 - 1642.5000 MHz	NON	37.00 dBW	

1626.5000 - 1660.5000 MHz				
1626.5000 - 1649.5000 MHz	300KFXN	62.00 dBW		CSM
1626.5000 - 1649.5000 MHz	NON	62.00 dBW		PILOT
1626.5000 - 1646.5000 MHz	NON	37.00 dBW		PILOT
1626.5000 - 1646.5000 MHz	600HG1D	16.00 dBW		CSM
1626.5000 - 1646.5000 MHz	1K20G1D	16.00 dBW		CSM
1626.5000 - 1646.5000 MHz	4K80G1D	37.00 dBW		CSM
1626.5000 - 1646.5000 MHz	30K0F3E	37.00 dBW		CSM
1574.4000 - 1576.6000 MHz				
1545.0000 - 1548.0000 MHz	600HG1D			AERO
1545.0000 - 1548.0000 MHz	1K20G1D			AERO
1545.0000 - 1548.0000 MHz	2K40G1D			AERO
1545.0000 - 1548.0000 MHz	10K5G1E			AERO
1541.5000 - 1541.5000 MHz	NON			
1530.0000 - 1548.0000 MHz	NON			CSM
1530.0000 - 1548.0000 MHz	600KFXN			CSM
1530.0000 - 1545.0000 MHz	NON			PILOT
1530.0000 - 1545.0000 MHz	600HG1D			CSM
1530.0000 - 1545.0000 MHz	1K20G1D			CSM
1530.0000 - 1545.0000 MHz	30K0F3E			CSM
1525.0000 - 1559.0000 MHz				
ANTENNA ID:	10.4M	10.4 meters	NEC	34 FT.
6420.0000 - 6424.0000 MHz	24K0F3E	67.00 dBW		
6420.0000 - 6424.0000 MHz	2K50G1D	68.00 dBW		
6420.0000 - 6424.0000 MHz	24K0G1D	65.00 dBW		
6174.6000 - 6175.4000 MHz	800KFXD	85.00 dBW		

5927.0000 - 5927.0000 MHz	800KFXD	85.00 dBW	
5925.0000 - 6425.0000 MHz	34M0FXN	85.00 dBW	
5925.0000 - 6425.0000 MHz	36M0F8F	80.00 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	80.00 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	85.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	80.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	85.30 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	58.20 dBW	DIGITAL VOICE, AND DATA
4195.0000 - 4199.0000 MHz	24K0F3E		
4195.0000 - 4199.0000 MHz	2K50G1D		
4195.0000 - 4199.0000 MHz	24K0G1D		
3954.5000 - 3954.5000 MHz	1K00G1D		
3954.5000 - 3954.5000 MHz	14K5F2D		
3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	14K5F2D		
3700.5000 - 3700.5000 MHz	1K00G1D		
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE, AND DATA
1638.5000 - 1642.5000 MHz	NON	37.00 dBW	
1541.5000 - 1541.5000 MHz	NON		

ANTENNA ID: 12.8M 12.8 meters PHILCO-FORD 42 FT

ANTENNA ID:	SAPA 13	10.4 meters	NEC	34 FT
	6425.0000 - 6454.0000 MHz	100KG1X	61.80 dBW	O-QPSK, 64 KBPS DATA
	6425.0000 - 6454.0000 MHz	1K65G1D	52.30 dBW	DIFFERENTIAL GPS DATA
	6425.0000 - 6454.0000 MHz	20K0G1E	58.60 dBW	O-QPSK, VOICE TELEPHONY
	6425.0000 - 6454.0000 MHz	10K0G1X	51.60 dBW	BPSK, 9.6 KBPS FAX AND DATA
	6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
	3600.0000 - 3629.0000 MHz	100KG1X		O-QPSK, 64 KBPS DATA
	3600.0000 - 3629.0000 MHz	20K0G1E		O-QPSK, VOICE TELEPHONY
	3600.0000 - 3629.0000 MHz	20K0G1X		BPSK, 9.6 KBPS FAX AND DATA
	3600.0000 - 3629.0000 MHz	100KG1X		DIGITAL DATA
	3600.0000 - 3629.0000 MHz	10K0G1W		DIGITAL DATA
	3600.0000 - 3629.0000 MHz	17K5G1D		DIGITAL DATA

3600.0000 - 3629.0000 MHz	20K0G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W	DIGITAL DATA

Points of Communication:

SANTA PAULA - ALSAT - (ALSAT)

SANTA PAULA - INMARSAT 2F1 - (142 W.L.)

SANTA PAULA - INMARSAT 3F4 - (142 W.L.)

SANTA PAULA - INMARSAT AOR-W -

SANTA PAULA - INMARSAT POR -

SANTA PAULA - ISAT List -

SANTA PAULA - KS29 - (76 W.L.)

SES-AMD-20091006-01284 E WB36 Vizada, Inc.
Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Vizada, Inc. amends its refiled modification application to add 13.75 to 14.0 GHz to SBY30/VER 9 meter antenna authorization. The Commission dismissed without prejudice to refiled that portion of Vizada's July 20 modification application because 13.75 to 14.0 is not allocated for ESV operations. Vizada hereby clarifies that the 13.75 to 14.0 authority is not for ESV operations. 13.75 to 14.0 GHz operation is only needed and only being requested for operation of the SBY30/VER 9 meter antenna to communicate with Telstar 11N satellite. See File No. SES-MOD-20090720-00882.

SITE ID: SOUTHBURY

LOCATION: 2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 5.30 " N LAT.

73 ° 17 ' 19.40 " W LONG.

ANTENNA ID:	21-C-NORM	12.8 meters	PHILCO FORD	12.8M
	6454.4000 - 6456.6000 MHz	2M20G1D	80.70 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
	6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
	6424.0000 - 6454.0000 MHz	NON	62.00 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
	6424.0000 - 6454.0000 MHz	34K0F3E	62.00 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
	6424.0000 - 6454.0000 MHz	2K40G7D-	51.10 dBW	BPSK, DATA/TDM
	6424.0000 - 6454.0000 MHz	132KG7D	62.00 dBW	BPSK, DATA/TDM
	6424.0000 - 6454.0000 MHz	2K40G1D-	51.10 dBW	BPSK, DATA
	6424.0000 - 6454.0000 MHz	2M20G1D	62.00 dBW	BPSK, DATA
	6424.0000 - 6454.0000 MHz	5K60G1W	54.80 dBW	QPSK, DATA/FAX
	6424.0000 - 6454.0000 MHz	24K0G1W	61.10 dBW	QPSK, DATA/FAX

6424.0000 - 6454.0000 MHz	5K60G1E-	54.80 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	61.10 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	63.30 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	62.00 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	62.00 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	53.30 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM, DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA - NAVIGATION CLOSE LOOP

3600.0000 - 3629.0000 MHz	100KG1X			DIGITAL DATA
3600.0000 - 3629.0000 MHz	10K0G1W			DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D			DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E			DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X			DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D			DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D			DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D			DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D			DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E			DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W			DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W			DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D			DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E			DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W			DIGITAL DATA
ANTENNA ID: 21-C-TT&C	12.8 meters	PHILCO FORD		12.8M
5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW		ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID: 21- L-BAND	12.8 meters	PHILCO FORD		12.8M
1626.5000 - 1660.5000 MHz	NON	40.50 dBW		UNMODULATED AFC PILOT (CLOSE LOOP)
1626.5000 - 1660.5000 MHz	34K0F3E	36.00 dBW		TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1626.5000 - 1660.5000 MHz	2K40G7D-	36.00 dBW		TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz	132KG7D	36.00 dBW		TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz	2K40G1D-	36.00 dBW		TEST BPSK, DATA
1626.5000 - 1660.5000 MHz	2M20G1D	36.00 dBW		TEST BPSK, DATA
1626.5000 - 1660.5000 MHz	5K60G1W-	36.00 dBW		TEST QPSK, DATA/FAX

1626.5000 - 1660.5000 MHz	2K40G1W	36.00 dBW	TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz	5K60G1E-	36.00 dBW	TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz	24K0G1E	36.00 dBW	TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz	40K0G1W	48.20 dBW	TEST 16QAM DIGITAL TELEPHONY
1626.5000 - 1660.5000 MHz	400KG1F	36.00 dBW	TEST QPSK DIGITAL VIDEO/DATA
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	2K40G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
ANTENNA ID: 23A-C-NOR	10.4 meters	PHILCO FORD	10.4M
6454.4000 - 6456.6000 MHz	2M20G1D	73.50 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA

6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
6424.0000 - 6454.0000 MHz	NON	59.50 dBW	UNMODULATED AFC PILOT
6424.0000 - 6454.0000 MHz	34K0F3E	59.50 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	2K40G7D-	48.60 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	132KG7D	59.50 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G1D-	48.60 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2M20G1D	71.70 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	5K60G1W-	52.30 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	58.60 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	52.30 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	58.60 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	60.80 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	59.50 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	59.50 dBW	FM9 ANALOG BROADCAST CARRIER

5927.0000 - 5927.0000 MHz	NON	50.80 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED ANAD UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA (NAVIGATION)
3600.0000 - 3629.0000 MHz	10K0G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X		DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D		DIGITAL DATA

3600.0000 - 3629.0000 MHz	5K00G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	100KG1X		DIGITAL DATA
ANTENNA ID: 23A-C-TT&C	10.4 meters	PHILCO FORD	104.M
5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID: 23B-L-BAND	1.8 meters	TRUE FOCUS	1.8M
1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	24K0G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK, DIGITAL VIDEO/DATA

1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
ANTENNA ID: SBY 30	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M0G7W	83.08 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	45M0G7W	86.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13780.0000 - 14500.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA

13780.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 14000.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	45M0G7W	86.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	36M0G7W	74.50 dBW	QPSK, DIGITAL TELEPHONY
13750.0000 - 14000.0000 MHz	21M0G7W	83.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	600KG7W	67.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13770.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 13770.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	42M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0F8W		ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	100KG7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W		QPSK DIGITAL DATA

11450.0000 - 11700.0000 MHz	45K0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	9K00G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	10M0G7W	DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W	DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	417KG7W	DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W	DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	7M50G7W	DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	417KG7W	DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	64K0G7W	DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	7M50G7W	DIGITAL VIDEO, AUDIO, AND DATA
10700.0000 - 12750.0000 MHz	36M0G7W	QPSK, DIGITAL TELEPHONY

SITE ID: Ku-Band ESV Remotes
LOCATION: Operate Up to 400 (1.5 m remotes) U.S. and International waters

ANTENNA ID:	SeaTel6006	1.5 meters	SEATEL	6006
14000.0000 - 14500.0000 MHz	1M43G1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	2M35G1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	40.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	717KG1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	43.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	151KG7W	45.30 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS	
14000.0000 - 14500.0000 MHz	194KG7W	46.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS	
14000.0000 - 14500.0000 MHz	291KG7W	48.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS	

14000.0000 - 14500.0000 MHz	388KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	445KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	452KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	81K0G7W	42.50 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	97K0G7W	43.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		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
11450.0000 - 12200.0000 MHz	54M0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
11450.0000 - 12200.0000 MHz	81K0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
10950.0000 - 11200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W		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	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
10950.0000 - 11200.0000 MHz	81K0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS

SITE ID: SOUTHBURY-KU
 LOCATION: 2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT
 41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 19.00 " W LONG.

SITE ID: C-band ESV Remotes
 LOCATION: Operate up to 300 (2.4m Remotes) U.S. and International waters

ANTENNA ID:	SeaTel9707	2.4 meters	SEATEL	9707
5925.0000 - 6425.0000 MHz		179KG1W	51.21 dBW	SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz		134KG1W	49.96 dBW	SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz		1M43G1W	57.80 dBW	SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz		358KG1W	54.22 dBW	SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz		717KG1W	57.23 dBW	SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz		89K6G1W	48.20 dBW	SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz		44K8G1W	45.19 dBW	SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz		179KG1W		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz		134KG1W		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz		1M43G1W		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz		358KG1W		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz		44K8G1W		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION

3700.0000 - 4200.0000 MHz	717KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	89K6G1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
ANTENNA ID: SeaTel9797	2.4 meters	SEATEL		9797
5925.0000 - 6425.0000 MHz	179KG1W	51.21 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	134KG1W	49.96 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	1M43G1W	58.80 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	358KG1W	54.22 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.19 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	717KG1W	57.23 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	89K6G1W	48.20 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	179KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	134KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	1M43G1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	358KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION

3700.0000 - 4200.0000 MHz	717KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	89K6G1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
SITE ID: REMOTES ESV				
LOCATION: Operate up to 550 remotes, CONUS				
ANTENNA ID: 4003A	1 meters	SEATEL		4003A
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.20 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	908KG7W	45.80 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	42.80 dBW		DVB/MFTMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW		DVB/MFTMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M40G7W	45.80 dBW		DVB/MFTDMA 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
11450.0000 - 12200.0000 MHz	151KG7W			TDM/TDMA USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G7W			TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W			DVB/MFTMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DVB/MFTMA 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	89K6G1W			SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W			TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W			DVB/MFTMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DVB/MFTMA USING QPSK AND BPSK MODULATION
ANTENNA ID: 4006	1 meters	SEATEL		4006
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	46.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	908KG7W	47.40 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	1M40G7W	47.40 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	42.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW	DVB/MFTDMA 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
11450.0000 - 12200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DVB/MFTDMA 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	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DVB/MFTDMA 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	89K6G1W		SCPC USING QPSK AND BPSK MODULATION

Points of Communication:

C-band ESV Remotes - NSS-7 - (338.5 E.L.)

Ku-Band ESV Remotes - ALSAT - (ALSAT)

Ku-Band ESV Remotes - ESTRELA DO SUL 1 - (63 W.L.)

SOUTHBURY - ALSAT - (ALSAT)

SOUTHBURY - AMAZONAS 1 - (61 W.L.)

SOUTHBURY - AMOS-2 - (4.0 W.L.)

SOUTHBURY - ESTRELA DO SUL 1 - (63 W.L.)

SOUTHBURY - INMARSAT 4F2 - (52.75)

SOUTHBURY - INMARSAT 4F3 - (97.65 W.L.)

SOUTHBURY - INMARSAT 4F3 - (98 W.L.)

SOUTHBURY - INMARSAT Ltd-3 - (15.5 W.L.)

SOUTHBURY - INMARSAT Ltd-3 - (54 W.L.)

SOUTHBURY - INMARSAT-2 AOR-WEST - (98 W.L.)

SOUTHBURY - ISAT List -

SOUTHBURY - MARISAT-F2 - (33.9 W.L.)

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

SES-MFS-20081029-01425 E KB34 Vizada, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, International Aeronautical Mobile-Satellite Serv., Feeder Link for Mobile Satellite Service, International Maritime Mobile Satellite Service, Mobile Satellite Service

Vizada, Inc. seeks authorization to add the Inmarsat 2F1 satellite, to be located at 142 degrees WL, as a specific point of communication on its KB34 license.

SITE ID: SANTA PAULA

LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA

34 ° 24 ' 5.00 " N LAT.

119 ° 4 ' 29.40 " W LONG.

ANTENNA ID: 12.8M 12.8 meters PHILCO-FORD

5925.0000 - 6425.0000 MHz	36M0F8F	82.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	82.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	87.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	83.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	87.80 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	60.70 dBW	DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE, AND DATA

ANTENNA ID: 12.8M 12.8 meters PHILCO-FORD 42 FT.

6454.4000 - 6456.6000 MHz

6443.0000 - 6454.0000 MHz

6440.0000 - 6443.0000 MHz	600HG1D	70.00 dBW	AERO
6440.0000 - 6443.0000 MHz	1K20G1D	70.00 dBW	AERO
6440.0000 - 6443.0000 MHz	2K40G1D	70.00 dBW	AERO
6440.0000 - 6443.0000 MHz	10K5G1E	70.00 dBW	AERO
6425.0000 - 6443.0000 MHz	NON	70.00 dBW	Communications System Monitoring (CSM)
6425.0000 - 6443.0000 MHz	600KFXN	70.00 dBW	CSM
6425.0000 - 6440.0000 MHz	NON	77.00 dBW	PILOT
6425.0000 - 6440.0000 MHz	30K0F3E	77.00 dBW	
6425.0000 - 6440.0000 MHz	600HG1D	77.00 dBW	
6425.0000 - 6440.0000 MHz	1K20G1D	77.00 dBW	
6420.0000 - 6424.0000 MHz	24K0F3E	67.00 dBW	
6420.0000 - 6424.0000 MHz	2K50G1D	68.00 dBW	
6420.0000 - 6424.0000 MHz	24K0G1D	65.00 dBW	
6420.0000 - 6424.0000 MHz	24K0F3E	77.00 dBW	AFRTS audio program channel services vis satellite at 176.5 degrees East
6417.0000 - 6443.0000 MHz	4K00G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	4K00G1D	77.00 dBW	
6417.0000 - 6443.0000 MHz	6K00G1D	77.00 dBW	
6417.0000 - 6443.0000 MHz	7K50G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	12K0G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	12K0G1D	77.00 dBW	
6416.0000 - 6418.0000 MHz	600KFXN	75.00 dBW	TT&C / MARECS
6416.0000 - 6418.0000 MHz	900KF2D	75.00 dBW	TT&C / MARECS
6174.6000 - 6175.4000 MHz	800KFXD	85.00 dBW	
6170.0000 - 6180.0000 MHz	900KF2D	89.00 dBW	TT&C / INMARSAT II
5927.0000 - 5927.0000 MHz	800KFXD	85.00 dBW	

5925.0000 - 6425.0000 MHz	34M0FXN	85.00 dBW	
4195.0000 - 4199.0000 MHz	24K0F3E		
4195.0000 - 4199.0000 MHz	2K50G1D		
4195.0000 - 4199.0000 MHz	24K0G1D		
4192.5000 - 4200.0000 MHz	3K00G1D		
4192.5000 - 4200.0000 MHz	4K00G1D		
4192.5000 - 4200.0000 MHz	4K00G3E		
4192.5000 - 4200.0000 MHz	7K50G3E		
4192.5000 - 4200.0000 MHz	12K0G1D		
4192.5000 - 4200.0000 MHz	12K0G3E		
4192.5000 - 4200.0000 MHz	NON		PILOT
4192.5000 - 4200.0000 MHz	600HG1D		
4192.5000 - 4200.0000 MHz	1K20G1D		
4192.5000 - 4200.0000 MHz	4K80G1D		
4188.0000 - 4189.0000 MHz	1K00G1D		TT&C / MARECS
3954.5000 - 3954.5000 MHz	1K00G1D		
3954.5000 - 3954.5000 MHz	14K5F2D		
3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	14K5F2D		
3945.0000 - 3955.0000 MHz	1K00G1D		TT&C / INMARSAT II
3700.5000 - 3700.5000 MHz	1K00G1D		
3620.0000 - 3623.0000 MHz	600HG1D		AERO
3620.0000 - 3623.0000 MHz	1K20G1D		AERO
3620.0000 - 3623.0000 MHz	2K40G1D		AERO
3620.0000 - 3623.0000 MHz	10K5G1E		AERO

3600.0000 - 3629.0000 MHz				
3600.0000 - 3623.0000 MHz	NON			CSM
3600.0000 - 3623.0000 MHz	300KFXN			CSM
3600.0000 - 3623.0000 MHz	3K00G1D			
3600.0000 - 3623.0000 MHz	4K00G1D			
3600.0000 - 3623.0000 MHz	4K00G3E			
3600.0000 - 3623.0000 MHz	7K50G3E			
3600.0000 - 3623.0000 MHz	12K0G1D			
3600.0000 - 3623.0000 MHz	12K0G3E			
3600.0000 - 3620.0000 MHz	NON			PILOT
3600.0000 - 3620.0000 MHz	600HG1D			
3600.0000 - 3620.0000 MHz	4K80G1D			
3600.0000 - 3620.0000 MHz	30K0F3E			
1646.5000 - 1649.5000 MHz	600HG1D	15.00 dBW		AERO
1646.5000 - 1649.5000 MHz	1K20G1D	18.00 dBW		AERO
1646.5000 - 1649.5000 MHz	2K40G1D	21.00 dBW		AERO
1646.5000 - 1649.5000 MHz	10K5G1E	27.00 dBW		AERO
1638.5000 - 1642.5000 MHz	NON	37.00 dBW		
1626.5000 - 1660.5000 MHz				
1626.5000 - 1649.5000 MHz	300KFXN	62.00 dBW		CSM
1626.5000 - 1649.5000 MHz	NON	62.00 dBW		PILOT
1626.5000 - 1646.5000 MHz	NON	37.00 dBW		PILOT
1626.5000 - 1646.5000 MHz	600HG1D	16.00 dBW		CSM
1626.5000 - 1646.5000 MHz	1K20G1D	16.00 dBW		CSM
1626.5000 - 1646.5000 MHz	4K80G1D	37.00 dBW		CSM
1626.5000 - 1646.5000 MHz	30K0F3E	37.00 dBW		CSM

1574.4000 - 1576.6000 MHz				
1545.0000 - 1548.0000 MHz	600HG1D			AERO
1545.0000 - 1548.0000 MHz	1K20G1D			AERO
1545.0000 - 1548.0000 MHz	2K40G1D			AERO
1545.0000 - 1548.0000 MHz	10K5G1E			AERO
1541.5000 - 1541.5000 MHz	NON			
1530.0000 - 1548.0000 MHz	NON			CSM
1530.0000 - 1548.0000 MHz	600KFXN			CSM
1530.0000 - 1545.0000 MHz	NON			PILOT
1530.0000 - 1545.0000 MHz	600HG1D			CSM
1530.0000 - 1545.0000 MHz	1K20G1D			CSM
1530.0000 - 1545.0000 MHz	30K0F3E			CSM
1525.0000 - 1559.0000 MHz				
ANTENNA ID:	10.4M	10.4 meters	NEC	34 FT.
6420.0000 - 6424.0000 MHz	24K0F3E		67.00 dBW	
6420.0000 - 6424.0000 MHz	2K50G1D		68.00 dBW	
6420.0000 - 6424.0000 MHz	24K0G1D		65.00 dBW	
6174.6000 - 6175.4000 MHz	800KFXD		85.00 dBW	
5927.0000 - 5927.0000 MHz	800KFXD		85.00 dBW	
5925.0000 - 6425.0000 MHz	34M0FXN		85.00 dBW	
5925.0000 - 6425.0000 MHz	36M0F8F		80.00 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-		80.00 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F		85.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-		80.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W		85.30 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-		58.20 dBW	DIGITAL VOICE, AND DATA

4195.0000 - 4199.0000 MHz	24K0F3E			
4195.0000 - 4199.0000 MHz	2K50G1D			
4195.0000 - 4199.0000 MHz	24K0G1D			
3954.5000 - 3954.5000 MHz	1K00G1D			
3954.5000 - 3954.5000 MHz	14K5F2D			
3945.5000 - 3945.5000 MHz	1K00G1D			
3945.5000 - 3945.5000 MHz	1K00G1D			
3945.5000 - 3945.5000 MHz	14K5F2D			
3700.5000 - 3700.5000 MHz	1K00G1D			
3700.0000 - 4200.0000 MHz	36M0F8F			ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-			ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F			DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-			DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W			DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-			DIGITAL VOICE, AND DATA
1638.5000 - 1642.5000 MHz	NON	37.00 dBW		
1541.5000 - 1541.5000 MHz	NON			
ANTENNA ID: 12.8M	12.8 meters	PHILCO-FORD		42 FT
ANTENNA ID: SAPA 13	10.4 meters	NEC		34 FT
6425.0000 - 6454.0000 MHz	100KG1X	61.80 dBW		O-QPSK, 64 KBPS DATA
6425.0000 - 6454.0000 MHz	1K65G1D	52.30 dBW		DIFFERENTIAL GPS DATA
6425.0000 - 6454.0000 MHz	20K0G1E	58.60 dBW		O-QPSK, VOICE TELEPHONY
6425.0000 - 6454.0000 MHz	10K0G1X	51.60 dBW		BPSK, 9.6 KBPS FAX AND DATA
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW		DIGITAL DATA

6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
3600.0000 - 3629.0000 MHz	100KG1X		O-QPSK, 64 KBPS DATA
3600.0000 - 3629.0000 MHz	20K0G1E		O-QPSK, VOICE TELEPHONY
3600.0000 - 3629.0000 MHz	20K0G1X		BPSK, 9.6 KBPS FAX AND DATA
3600.0000 - 3629.0000 MHz	100KG1X		DIGITAL DATA
3600.0000 - 3629.0000 MHz	10K0G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X		DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W		DIGITAL DATA

3600.0000 - 3629.0000 MHz	60K0D1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W	DIGITAL DATA

Points of Communication:

- SANTA PAULA - ALSAT - (ALSAT)
- SANTA PAULA - INMARSAT 2F1 - (142 W.L.)
- SANTA PAULA - INMARSAT 3F4 - (142 W.L.)
- SANTA PAULA - INMARSAT AOR-W -
- SANTA PAULA - INMARSAT POR -
- SANTA PAULA - ISAT List -
- SANTA PAULA - KS29 - (76 W.L.)

SES-MOD-20091104-01414 E WB36 Vizada, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Vizada, Inc. request to modify the license (WB36) of its Southbury, Connecticut, transmit/receive earth station, to add a new Ku-band 9 meter antenna, and to add new point of communication to it Southbury location, to provide analog and digital services on a common carrier basis.

SITE ID: SOUTHBURY

LOCATION: 2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 5.30 " N LAT.

73 ° 17 ' 19.40 " W LONG.

ANTENNA ID: 21-C-NORM	12.8 meters	PHILCO FORD	12.8M
6454.4000 - 6456.6000 MHz	2M20G1D	80.70 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA

6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
6424.0000 - 6454.0000 MHz	NON	62.00 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
6424.0000 - 6454.0000 MHz	34K0F3E	62.00 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	2K40G7D-	51.10 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	132KG7D	62.00 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G1D-	51.10 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2M20G1D	62.00 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	5K60G1W	54.80 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	61.10 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	54.80 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	61.10 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	63.30 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	62.00 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	62.00 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	53.30 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON

3947.0000 - 3953.0000 MHz	131KG2D	PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3700.0000 - 4200.0000 MHz	36M0F8W	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON	UNMODULATED AFC PILOT (CLOSE LOOP)
3600.0000 - 3629.0000 MHz	34K0F3E	FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-	BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D	BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-	BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D	BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-	QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W	QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-	QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E	QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W	16QAM, DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F	QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D	BPSK SPREAD SPECTRUM DATA - NAVIGATION CLOSE LOOP
3600.0000 - 3629.0000 MHz	100KG1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	10K0G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D	DIGITAL DATA

3600.0000 - 3629.0000 MHz	45K0G7D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W		DIGITAL DATA
ANTENNA ID: 21-C-TT&C	12.8 meters	PHILCO FORD	12.8M
5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID: 21- L-BAND	12.8 meters	PHILCO FORD	12.8M
1626.5000 - 1660.5000 MHz	NON	40.50 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1626.5000 - 1660.5000 MHz	34K0F3E	36.00 dBW	TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1626.5000 - 1660.5000 MHz	2K40G7D-	36.00 dBW	TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz	132KG7D	36.00 dBW	TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz	2K40G1D-	36.00 dBW	TEST BPSK, DATA
1626.5000 - 1660.5000 MHz	2M20G1D	36.00 dBW	TEST BPSK, DATA
1626.5000 - 1660.5000 MHz	5K60G1W-	36.00 dBW	TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz	2K40G1W	36.00 dBW	TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz	5K60G1E-	36.00 dBW	TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz	24K0G1E	36.00 dBW	TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz	40K0G1W	48.20 dBW	TEST 16QAM DIGITAL TELEPHONY
1626.5000 - 1660.5000 MHz	400KG1F	36.00 dBW	TEST QPSK DIGITAL VIDEO/DATA
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP

1525.0000 - 1559.0000 MHz	NON			UNMODULATED AFC PILOT (CLOSE LOOP)
1525.0000 - 1559.0000 MHz	34K0F3E			TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-			TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132K67D			TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-			TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D			TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-			TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	2K40G1W			TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-			TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E			TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W			TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F			TEST QPSK DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D			TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
ANTENNA ID: 23A-C-NOR	10.4 meters	PHILCO FORD		10.4M
6454.4000 - 6456.6000 MHz	2M20G1D	73.50 dBW		BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW		DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW		DIGITAL DATA

6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
6424.0000 - 6454.0000 MHz	NON	59.50 dBW	UNMODULATED AFC PILOT
6424.0000 - 6454.0000 MHz	34K0F3E	59.50 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	2K40G7D-	48.60 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	132KG7D	59.50 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G1D-	48.60 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2M20G1D	71.70 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	5K60G1W-	52.30 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	58.60 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	52.30 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	58.60 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	60.80 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	59.50 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	59.50 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	50.80 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED ANAD UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM

3600.0000 - 3629.0000 MHz	132KG7D	BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-	BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D	BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-	QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W	QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-	QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E	QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W	16QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F	QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
3600.0000 - 3629.0000 MHz	10K0G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	100KG1X	DIGITAL DATA

ANTENNA ID: 23A-C-TT&C 10.4 meters PHILCO FORD 104.M

5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID: 23B-L-BAND	1.8 meters	TRUE FOCUS	1.8M
1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	24K0G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK, DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
ANTENNA ID: SBY 30	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M0G7W	83.08 dBW	QPSK DIGITAL DATA

14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
13780.0000 - 14500.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13780.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 14000.0000 MHz	36M0G7W	74.50 dBW	QPSK, DIGITAL TELEPHONY
13750.0000 - 13770.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 13770.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	42M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0F8W		ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W		QPSK DIGITAL DATA

11450.0000 - 11700.0000 MHz	1M60G1F	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	800KG1F	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	100KG7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	9K00G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	10M0G7W	DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W	DIGITAL VIDEO, AUDIO AND DATA
10700.0000 - 12750.0000 MHz	36M0G7W	QPSK, DIGITAL TELEPHONY

SITE ID: Ku-Band ESV Remotes
LOCATION: Operate Up to 400 (1.5 m remotes) U.S. and International waters

ANTENNA ID:	SeaTel6006	1.5 meters	SEATEL	6006
14000.0000 - 14500.0000 MHz	1M43G1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	2M35G1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	40.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	717KG1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	43.00 dBW	SCPC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	151KG7W	45.30 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS	
14000.0000 - 14500.0000 MHz	194KG7W	46.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS	

14000.0000 - 14500.0000 MHz	291KG7W	48.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	388KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	445KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	452KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	81K0G7W	42.50 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	97K0G7W	43.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		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
11450.0000 - 12200.0000 MHz	54M0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
11450.0000 - 12200.0000 MHz	81K0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
10950.0000 - 11200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W		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	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS

10950.0000 - 11200.0000 MHz	81K0G7W			SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
SITE ID:	SOUTHBURY-KU			
LOCATION:	2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT			
	41 ° 27 ' 5.00 " N LAT.		73 ° 17 ' 19.00 " W LONG.	
SITE ID:	C-band ESV Remotes			
LOCATION:	Operate up to 300 (2.4m Remotes) U.S. and International waters			
ANTENNA ID:	SeaTel9797	2.4 meters	SEATEL	9797
5925.0000 - 6425.0000 MHz	179KG1W	51.21 dBW		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	134KG1W	49.96 dBW		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	1M43G1W	58.80 dBW		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	358KG1W	54.22 dBW		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.19 dBW		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	717KG1W	57.23 dBW		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	89K6G1W	48.20 dBW		SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	179KG1W			SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	134KG1W			SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	1M43G1W			SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	358KG1W			SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W			SCPC CARRIERS USING 16− QAM, 8− QAM, 8− PSK, QPSK OR BPSK MODULATION

3700.0000 - 4200.0000 MHz	717KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	89K6G1W			SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
ANTENNA ID: SeaTel9707	2.4 meters	SEATEL	9707	
5925.0000 - 6425.0000 MHz	179KG1W	51.21 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	134KG1W	49.96 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	1M43G1W	57.80 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	358KG1W	54.22 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	717KG1W	57.23 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	89K6G1W	48.20 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.19 dBW		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	179KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	134KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	1M43G1W			SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	358KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W			SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION

3700.0000 - 4200.0000 MHz	717KG1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	89K6G1W			SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
SITE ID: REMOTES ESV				
LOCATION: Operate up to 550 remotes, CONUS				
ANTENNA ID: 4003A	1 meters	SEATEL		4003A
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.20 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	908KG7W	45.80 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	42.80 dBW		DVB/MFTMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW		DVB/MFTMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M40G7W	45.80 dBW		DVB/MFTDMA 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
11450.0000 - 12200.0000 MHz	151KG7W			TDM/TDMA USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G7W			TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W			DVB/MFTMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DVB/MFTMA 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	89K6G1W			SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W			TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W			DVB/MFTMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DVB/MFTMA USING QPSK AND BPSK MODULATION
ANTENNA ID: 4006	1 meters	SEATEL		4006
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	46.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	908KG7W	47.40 dBW		TDM/TDMA USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	1M40G7W	47.40 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	42.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW	DVB/MFTDMA 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
11450.0000 - 12200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DVB/MFTDMA 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	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DVB/MFTDMA 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	89K6G1W		SCPC USING QPSK AND BPSK MODULATION

SITE ID: SBY33

LOCATION: 2120 River Road, New Haven, Southbury, CT
41 ° 27 ' 5.09 " N LAT.

73 ° 17 ' 19.00 " W LONG.

ANTENNA ID:	SBY33	9 meters	VERTEX	9 KPK
11700.0000 - 12200.0000 MHz	36M0F8W			ANALOG VIDEO
11700.0000 - 12200.0000 MHz	72M0G7W			DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	9K00G7W			DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	72M0G7W	88.70 dBW		DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.60 dBW		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	1M60G1F			PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F			PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO

14000.0000 - 14500.0000 MHz	1M60G1F	72.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	36M0F8W	80.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO

Points of Communication:

- C-band ESV Remotes - NSS-7 - (338.5 E.L.)
- Ku-Band ESV Remotes - ALSAT - (ALSAT)
- Ku-Band ESV Remotes - ESTRELA DO SUL 1 - (63 W.L.)
- SBY33 - ALSAT - (ALSAT)
- SOUTHBURY - ALSAT - (ALSAT)
- SOUTHBURY - AMAZONAS 1 - (61 W.L.)
- SOUTHBURY - AMOS-2 - (4.0 W.L.)
- SOUTHBURY - ESTRELA DO SUL 1 - (63 W.L.)
- SOUTHBURY - INMARSAT 4F2 - (52.75)
- SOUTHBURY - INMARSAT 4F3 - (97.65 W.L.)
- SOUTHBURY - INMARSAT 4F3 - (98 W.L.)
- SOUTHBURY - INMARSAT Ltd-3 - (15.5 W.L.)
- SOUTHBURY - INMARSAT Ltd-3 - (54 W.L.)
- SOUTHBURY - INMARSAT-2 AOR-WEST - (98 W.L.)
- SOUTHBURY - ISAT List -
- SOUTHBURY - MARISAT-F2 - (33.9 W.L.)

SES-STA-20091030-01405 E E040267 Newcom International, Inc.
Special Temporary Authority
Class of Station:

Newcom International, Inc. requests special temporary authority to communicate with the Intersputnik Express AM44 satellite, licensed by the Russian Federation and located at 11 WL, using its 3.7 meter C-band antenna in the 5925-6525 MHz (Earth-to-space) and 3650-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

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