



# PUBLIC NOTICE

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

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Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

Report No. SES-01420

Wednesday February 1, 2012

## 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-AFS-20111121-01381 E KA313 Vizada, Inc.

Amendment

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

Nature of Service: Fixed Satellite Service

This Amendment (SES-AFS-20111121-01381) amends (SES-MOD-20111109-01345). Vizada, Inc., seeks to add 500 Thrane & Thrane Model TT-7090A 1.0 Meter Ku-band remote Earth Station on Vessel (ESV) antennas to its authorization to provide ESV service via its Southbury, CT teleport, call sign KA313.

SITE ID: (C-) Hub 14.2M

LOCATION: 2120 RIVER RD., NEW HAVEN, SOUTHURY, CT

41 ° 27 ' 6.30 " N LAT.

73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	(C)14.2M	14.2 meters	TIW (C-band)	14.2M
	6454.4000 - 6456.6000 MHz	1K20G1D	44.50 dBW	DIGITAL CARRIER
	6454.4000 - 6456.6000 MHz	600HG1D	44.50 dBW	DIGITAL CARRIER
	6454.4000 - 6456.6000 MHz	600HG2D	44.50 dBW	DIGITAL CARRIER
	6454.4000 - 6456.6000 MHz	1K20G2D	44.50 dBW	DIGITAL CARRIER
	6454.4000 - 6456.6000 MHz	2K40G2D	44.50 dBW	DIGITAL CARRIER
	6454.4000 - 6456.6000 MHz	10K5G2F	44.50 dBW	DIGITAL CARRIER

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6454.4000 - 6456.6000 MHz	2M20G1D	78.00 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz	2M20G1D	82.30 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	1K20G1D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	600HG1D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	600HG2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	1K20G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2K40G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	10K5G2F	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	78.00 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	82.30 dBW	DIGITAL CARRIER
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
6425.0000 - 6443.0000 MHz	NON	70.00 dBW	Communications Systems Monitoring & test Signals

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6425.0000 - 6443.0000 MHz	600KFXN	70.00 dBW	Communications Systems Monitoring & test Signals
6417.5000 - 6443.0000 MHz	4K00G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	4K00G3E	70.00 dBW	
6417.5000 - 6443.0000 MHz	6K00G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	7K50G3E	70.00 dBW	
6417.5000 - 6443.0000 MHz	12K0G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	12K0G3E	70.00 dBW	
6416.0000 - 6418.0000 MHz	900KF2D	75.00 dBW	TT&C
6170.0000 - 6180.0000 MHz	900KF2D	90.00 dBW	TT&C
5925.0000 - 6425.0000 MHz	36M0F8F	83.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	83.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	88.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	84.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	88.80 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	61.70 dBW	DIGITAL VOICE, AND DATA
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		
4188.0000 - 4189.0000 MHz	1K00G1D		TT&C
3945.0000 - 3955.0000 MHz	1K00G1D		TT&C
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO

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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
3600.0000 - 3629.0000 MHz	2M20G1D	DIGITAL CARRIER
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
3600.0000 - 3623.0000 MHz	NON	Communications Systems Monitoring & test Signals
3600.0000 - 3623.0000 MHz	300KFXN	Communications Systems Monitoring & test Signals
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

SITE ID: REMOTE 2  
LOCATION: 1,000 (1.8M ANTENNAS) CONUS

ANTENNA ID: 1.8M	1.8 meters	ANDREW	183
14000.0000 - 14500.0000 MHz	169KG7W	58.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W	58.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: ESV/6006  
LOCATION: 400 (1.5 meters), CONUS

ANTENNA ID: 6006	1.5 meters	SEATEL	6006
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

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
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	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: (L) Hub 14.2M  
LOCATION: 2120 RIVER RD., NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	(L)14.2M	14.2 meters	TIW (L-band)	DUAL
	1626.5000 - 1660.5000 MHz	24K0F3E	36.00 dBW	ANALOG CARRIER
	1626.5000 - 1660.5000 MHz	NON	31.00 dBW	PILOT
	1626.5000 - 1660.5000 MHz	2K40G2D	36.00 dBW	DIGITAL CARRIER
	1626.5000 - 1660.5000 MHz	1K20G1D	36.00 dBW	DIGITAL CARRIER
	1626.5000 - 1660.5000 MHz	600HG1D	36.00 dBW	DIGITAL CARRIER
	1626.5000 - 1660.5000 MHz	600HG2D	36.00 dBW	DIGITAL CARRIER
	1626.5000 - 1660.5000 MHz	1K20G2D	36.00 dBW	DIGITAL CARRIER

1626.5000 - 1660.5000 MHz	10K5G2F	36.00 dBW	DIGITAL CARRIER
1626.5000 - 1649.5000 MHz	300KFXN	70.00 dBW	Communications Systems Monitoring & test Signals
1574.4000 - 1576.6000 MHz	2K40G2D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	1K20G1D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	600HG1D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	600HG2D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	1K20G2D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	10K5G2F		DIGITAL CARRIER
1530.0000 - 1548.0000 MHz	600KFXN		Communications Systems Monitoring & test Signals
1530.0000 - 1548.0000 MHz	NON		Communications Systems Monitoring & test Signals
1525.0000 - 1559.0000 MHz	2K40G2D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	1K20G1D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	600HG1D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	600HG2D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	1K20G2D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	10K5G2F		DIGITAL CARRIER

SITE ID: (Ku) Hub 14.2M  
LOCATION: 2120 River Road, New Haven, Southbury, CT  
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID: (Ku)14.2M 14.2 meters TIW 14.2M

SITE ID: Hub 1.2M(Ku)  
LOCATION: 2120 River Road, New Haven, Southbury, CT  
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID: (Hub)1.2M 1.2 meters PRODELIN 1123

14000.0000 - 14500.0000 MHz	36M0G7W	63.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	64K0G7W	41.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	169KG7W	55.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA

14000.0000 - 14500.0000 MHz	1M62G7W	55.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID:        ESV/4006

LOCATION:       Operate up to 550 remotes (1.0M), CONUS

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	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
11450.0000 - 11200.0000 MHz	44K8G1W	SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 11200.0000 MHz	717KG1W	SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 11200.0000 MHz	89K6G1W	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	151KG7W	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

SITE ID: ESV/4996T

LOCATION: Operate up to 550 remotes (1.2M), CONUS

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: Hub (8.1M)

LOCATION: 2120 River Road, New Haven, Southbury, CT  
41 ° 27 ' 6.30 " N LAT.

73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	Vertex 8.1	8.1 meters	VERTEX	KPK
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO	
14000.0000 - 14500.0000 MHz	100KG7W	60.07 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	32K0G7W	55.13 dBW	QPSK, DIGITAL DATA	
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK, DIGITAL DATA	
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 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	76K8G7W	58.93 dBW	QPSK, DIGITAL DATA	
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK, DIGITAL DATA	
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK, DIGITAL DATA	
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY	
14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO	
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO	

14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	100KG7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	20M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M29G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	32K0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	42M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K8G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	45K0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	76K8G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	9K00G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	400KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	800KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO

SITE ID: Remote 1.2m AVL  
LOCATION: 1000 (1.2M ANTENNAS), CONUS

ANTENNA ID:	AVL 1.2M	1.2 meters	AVL	1.2M Ku-band
	14000.0000 - 14500.0000 MHz		1M55G7W	55.10 dBW
				DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	388KG7W	49.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M10G7W	58.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	41.30 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	52.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	45M0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION

SITE ID:        ESV/V110  
LOCATION:        500 (1.05M ANTENNAS) CONUS

ANTENNA ID:   V1110                   1.05 meters       INTELLIAN                   V110

14000.0000 - 14500.0000 MHz	194KG7W	42.40 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	1M36G7W	49.80 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	291KG7W	44.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

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14000.0000 - 14500.0000 MHz	388KG7W	45.40 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	485KG7W	46.30 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	64K0G7W	37.50 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	717KG1W	48.00 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	89K6G1W	39.00 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	97K0G7W	39.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		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	44K8G1W		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	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		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	44K8G1W		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	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: REMOTE 1  
LOCATION: 1,000 (1.2M ANTENNAS) CONUS

ANTENNA ID: 1.2M                      1.2 meters                      ANDREW                      123/124

SITE ID: REMOTE 3 (2.4M)  
LOCATION: 500 (2.4M ANTENNAS) CONUS

ANTENNA ID: 2.4M                      2.4 meters                      ANDREW                      243

14000.0000 - 14500.0000 MHz	169KG7W	61.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W	61.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: REMOTE .75 M  
LOCATION: 100 (.75 M antennas) CONUS

ANTENNA ID: .75M                      0.75 meters                      VISIOSAT                      VISIOSAT 75

14000.0000 - 14500.0000 MHz	1M52G7W	49.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	342KG7W	43.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: (Ku) ESVREMOTE .75 M  
LOCATION: Operate up to 500 remotes (.75M) US Internation water

ANTENNA ID: STLUSAT30                      0.75 meters                      SEA TEL                      USAT-30

14000.0000 - 14500.0000 MHz	768KG7W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	768KG1W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

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14000.0000 - 14500.0000 MHz	512KG7W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	512KG1W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G7W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G1W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G1W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G7W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G1W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G7W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G1W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG7W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG1W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G7W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G1W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G7W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G1W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G7W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	1M28G1W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G7W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G7W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG7W	32.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG1W	32.50 dBW	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
11450.0000 - 12200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M00G1W		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
10950.0000 - 11200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M00G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: (Ku) ESV TTSAIL900

LOCATION: Operate up to 500 remotes (1.0M) US Internation water

ANTENNA ID:	T&TTSAIL900	1 meters	THRANE & THRANE	TT-7090A
14000.0000 - 14500.0000 MHz	97K0G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	39.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	81K0G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	717KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	



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14000.0000 - 14500.0000 MHz	452KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	51.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	41.70 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
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: REMOTE .90 M  
LOCATION: 250 (.90 M antennas) CONUS

ANTENNA ID: .90M	0.9 meters	VISIOSAT	VISIOSAT 90
14000.0000 - 14500.0000 MHz	1M52G7W	50.60 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	342KG7W	44.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: REMOTE .96 M  
LOCATION: 500 (.96 M antennas) CONUS

ANTENNA ID: .96M	0.96 meters	ANDREW	TYPE 960
14000.0000 - 14500.0000 MHz	1M52G7W	51.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	342KG7W	45.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: HUB 6.1 M  
LOCATION: 2120 River Road, New Haven, Southbury, CT  
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID: (Hub)6.1M	6.1 meters	VERTEX	KPK
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	100KG7W	57.07 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M0G7W	80.08 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M29G7W	70.67 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	52.13 dBW	QPSK, DIGITAL DATA

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14000.0000 - 14500.0000 MHz	36M0G7W	76.93 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	53.49 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	53.61 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	55.93 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	46.62 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G7W	71.70 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	1M60G1F	69.12 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	60.08 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	63.10 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	66.11 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	100KG7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	20M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M29G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	32K0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K8G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	45K0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	76K8G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	9K00G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	400KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO

11700.0000 - 12200.0000 MHz	800KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
SITE ID:        ESV/4003A			
LOCATION:        Operate up to 550 remotes (1.0M), CONUS			
ANTENNA ID:   4003A	1 meters	SEATEL	4003A
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW	SPCP USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.20 dBW	SPCP USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW	SPCP 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	1M40G7W	45.80 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
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SPCP USING QPSK AND BPSK MODULATION

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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	SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SPCP 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/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION

**Points of Communication:**

- (C-) Hub 14.2M - ALSAT - (ALSAT)
- (C-) Hub 14.2M - INMARSAT 3F4 - (54 W.L.)
- (C-) Hub 14.2M - INMARSAT 4F3 - (97.65 W.L.)
- (C-) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)
- (C-) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)
- (C-) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)
- (C-) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)
- (Ku) ESV TTSAIL900 - ALSAT - (ALSAT)
- (Ku) ESVREMOTE .75 M - ALSAT - (ALSAT)
- (Ku) Hub 14.2M - ALSAT - (ALSAT)
- (Ku) Hub 14.2M - INMARSAT 3F4 - (54 W.L.)
- (Ku) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)
- (Ku) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)

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(Ku) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)

(Ku) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)

(L) Hub 14.2M - INMARSAT 3F4 - (54 W.L.)

(L) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)

(L) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)

(L) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)

(L) Hub 14.2M - ISAT List -

(L) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)

ESV/4003A - ALSAT - (ALSAT)

ESV/4003A - GALAXY 10R - (123 W.L.)

ESV/4003A - INTELSAT 705 - (50 W.L.)

ESV/4006 - ALSAT - (ALSAT)

ESV/4006 - GALAXY 10R - (123 W.L.)

ESV/4006 - INTELSAT 705 - (50 W.L.)

ESV/4996T - ALSAT - (ALSAT)

ESV/4996T - GALAXY 10R - (123 W.L.)

ESV/4996T - INTELSAT 705 - (50 W.L.)

ESV/6006 - ALSAT - (ALSAT)

ESV/6006 - GALAXY 10R - (123 W.L.)

ESV/6006 - INTELSAT 705 - (50 W.L.)

ESV/V110 - ALSAT - (ALSAT)

Hub (8.1M) - ALSAT - (ALSAT)

Hub (8.1M) - INMARSAT 3F4 - (54 W.L.)

Hub (8.1M) - INMARSAT Ltd-3 - (15.5 W.L.)

Hub (8.1M) - INMARSAT-2 AOR-EAST - (17 W.L.)

Hub (8.1M) - INMARSAT-2 AOR-WEST - (98 W.L.)

Hub (8.1M) - MARISAT-F2 - (33.9 W.L.)

HUB 6.1 M - ALSAT - (ALSAT)

REMOTE .75 M - NSS-7 - (338.5 E.L.)

REMOTE .90 M - NSS-7 - (338.5 E.L.)

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REMOTE .96 M - NSS-7 - (338.5 E.L.)

REMOTE 1 - ALSAT - (ALSAT)

Remote 1.2m AVL - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 3 (2.4M) - ALSAT - (ALSAT)

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**SES-LIC-20120114-00057** E E120018 City of Las Vegas

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 495 S. Main Street, Clark, Las Vegas, NV

36 ° 10 ' 2.20 " N LAT.

115 ° 8 ' 54.20 " W LONG.

ANTENNA ID:	1	3.7 meters	DH Satellite	3.7M	
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Audio	
ANTENNA ID:	2	3.7 meters	ASC Signal	3.7M	
	11700.0000 - 12200.0000 MHz		2M00G7W	Digital Video and Audio	
	11700.0000 - 12200.0000 MHz		36M0G7W	Digital Video and Audio	
	14000.0000 - 14500.0000 MHz		2M00G7W	65.90 dBW	Digital Video and Audio
	14000.0000 - 14500.0000 MHz		36M0G7W	72.90 dBW	Digital Video, and Audio

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20120124-00088** E E120020 Ohio/Oklahoma Hearst Television Inc.

Application for Authority

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	1	1.35 meters	General Dynamics	C135M	
	14000.0000 - 14500.0000 MHz		36M0D7W	61.85 dBW	QAM or APSK; Digital Video, Digital Audio, and Data
	14000.0000 - 14500.0000 MHz		3M50D7W	59.41 dBW	QAM or APSK; Digital Video, Digital Audio, and Data

11700.0000 - 12200.0000 MHz	36M0D7W	0.00 dBW	QAM or APSK; Digital Video, Digital Audio, and Data
11700.0000 - 12200.0000 MHz	3M50D7W	0.00 dBW	QAM or APSK; Digital Video, Digital Audio, and Data
14000.0000 - 14500.0000 MHz	36M0G7W	61.85 dBW	PSK; Digital Video, Digital Audio, and Data
14000.0000 - 14500.0000 MHz	3M50G7W	59.41 dBW	PSK; Digital Video, Digital Audio, and Data
11700.0000 - 12200.0000 MHz	3M50G7W	0.00 dBW	PSK; Digital Video, Digital Audio, and Data
11700.0000 - 12200.0000 MHz	36M0G7W	0.00 dBW	PSK; Digital Video, Digital Audio, and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-LIC-20120124-00090** E E120021 GCI Communication Corp.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: St. George, AK

56 ° 36 ' 3.20 " N LAT.

169 ° 32 ' 52.70 " W LONG.

ANTENNA ID: 1	3.8 meters	Patriot	TXINT-380AZ
5925.0000 - 6425.0000 MHz	6K72G7W -	39.85 dBW	Phase Modulated voice, video, and data services
5925.0000 - 6425.0000 MHz	36M0G7W	69.31 dBW	Phase Modulated voice, video, and data services
3700.0000 - 4200.0000 MHz	6K72G7W -		Phase Modulated voice, video, and data services
3700.0000 - 4200.0000 MHz	36M0G7W		Phase Modulated voice, video, and data services
5925.0000 - 6425.0000 MHz	6K72D7W -	39.85 dBW	Phase and amplitude modulated voice, video, and data services
5925.0000 - 6425.0000 MHz	36M0D7W	69.31 dBW	Phase and amplitude modulated voice, video, and data services
3700.0000 - 4200.0000 MHz	6K72D7W -		Phase and amplitude modulated voice, video, and data services



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3700.0000 - 4200.0000 MHz

36M0D7W

Phase and amplitude modulated voice,  
video, and data services

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20120126-00095** E E120022 NBC Telemundo License LLC

**EZ**

Application for Authority

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: KNBC

LOCATION:

ANTENNA ID: MV38

1.2 meters

AVL Technologies

1210K

14000.0000 - 14500.0000 MHz

36M0G7W

63.20 dBW

Phase modulated carrier with digital data,  
video and audio

**Points of Communication:**

KNBC - PERMITTED LIST - ()

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**SES-LIC-20120126-00096** E E120023 NBC Telemundo License LLC

**EZ**

Application for Authority

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: KNBC`

LOCATION:

ANTENNA ID: MV39

1.2 meters

AVL Technologies

1210K

14000.0000 - 14500.0000 MHz

36M0G7W

63.20 dBW

Phase modulated carrier with digital data,  
video and audio

**Points of Communication:**

KNBC` - PERMITTED LIST - ()

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**SES-LIC-20120127-00098** E E010074 Clear Channel Satellite Services

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 76 Inverness Drive East Suite B, Arapahoe, Englewood, CO

39 ° 34 ' 47.00 " N LAT.

104 ° 51 ' 35.00 " W LONG.

ANTENNA ID: 1

6.15 meters

VIASAT

8060

3700.0000 - 4200.0000 MHz	22M5G7W	0.00 dBW	QPSK
5925.0000 - 6425.0000 MHz	22M5G7W	68.50 dBW	QPSK

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20111109-01345** E KA313 Vizada, Inc.

Application for Modification

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

**Nature of Service:** Fixed Satellite Service

"MOD" to add up to 500 Sea Tel 0.75 Meter Ku-band Model USAT-30 remote Earth Station on Vessel (ESV) antennas to its authorization to provide ESV service via its Southbury, CT teleport, call sign KA313. In addition to this Modification Application; this Amendment (SES-AFS-20111121-01381) Vizada, Inc. seeks to add up to 500 Thrane & Thrane Model TT-7090A Sailor 900 1.0 Meter Ku-band remote Earth Station on Vessel (ESV) antennas to its authorization to provide ESV service via its Southbury, CT teleport, call sign KA313.

SITE ID: (C-) Hub 14.2M

LOCATION: 2120 RIVER RD., NEW HAVEN, SOUTHURY, CT

41 ° 27 ' 6.30 " N LAT.

73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	(C)14.2M	14.2 meters	TIW (C-band)	14.2M
6454.4000 - 6456.6000 MHz		1K20G1D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		600HG1D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		600HG2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		1K20G2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		2K40G2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		10K5G2F	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		2M20G1D	78.00 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz		2M20G1D	82.30 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		1K20G1D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		600HG1D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		600HG2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		1K20G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		2K40G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz		10K5G2F	44.50 dBW	DIGITAL CARRIER

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6425.0000 - 6454.0000 MHz	2M20G1D	78.00 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	82.30 dBW	DIGITAL CARRIER
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
6425.0000 - 6443.0000 MHz	NON	70.00 dBW	Communications Systems Monitoring & test Signals
6425.0000 - 6443.0000 MHz	600KFXN	70.00 dBW	Communications Systems Monitoring & test Signals
6417.5000 - 6443.0000 MHz	4K00G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	4K00G3E	70.00 dBW	
6417.5000 - 6443.0000 MHz	6K00G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	7K50G3E	70.00 dBW	
6417.5000 - 6443.0000 MHz	12K0G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	12K0G3E	70.00 dBW	

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6416.0000 - 6418.0000 MHz	900KF2D	75.00 dBW	TT&C
6170.0000 - 6180.0000 MHz	900KF2D	90.00 dBW	TT&C
5925.0000 - 6425.0000 MHz	36M0F8F	83.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	83.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	88.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	84.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	88.80 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	61.70 dBW	DIGITAL VOICE, AND DATA
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		
4188.0000 - 4189.0000 MHz	1K00G1D		TT&C
3945.0000 - 3955.0000 MHz	1K00G1D		TT&C
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
3600.0000 - 3629.0000 MHz	2M20G1D		DIGITAL CARRIER
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
3600.0000 - 3623.0000 MHz	NON	Communications Systems Monitoring & test Signals
3600.0000 - 3623.0000 MHz	300KFXN	Communications Systems Monitoring & test Signals
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	

SITE ID: REMOTE 2  
LOCATION: 1,000 (1.8M ANTENNAS) CONUS

ANTENNA ID:	1.8M	1.8 meters	ANDREW	183
14000.0000 - 14500.0000 MHz	169KG7W	58.50 dBW		DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W	58.50 dBW		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W			DIGITAL AUDIO, VIDEO, AND DATA

11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
SITE ID:        ESV/6006			
LOCATION:       400 (1.5 meters), CONUS			
ANTENNA ID:   6006	1.5 meters	SEATEL	6006
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
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
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	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: (L) Hub 14.2M  
LOCATION: 2120 RIVER RD., NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	(L)14.2M	14.2 meters	TIW (L-band)	DUAL
1626.5000 - 1660.5000 MHz	24K0F3E	36.00 dBW	ANALOG CARRIER	
1626.5000 - 1660.5000 MHz	NON	31.00 dBW	PILOT	
1626.5000 - 1660.5000 MHz	2K40G2D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	1K20G1D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	600HG1D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	600HG2D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	1K20G2D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	10K5G2F	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1649.5000 MHz	300KFXN	70.00 dBW	Communications Systems Monitoring & test Signals	
1574.4000 - 1576.6000 MHz	2K40G2D		DIGITAL CARRIER	
1574.4000 - 1576.6000 MHz	1K20G1D		DIGITAL CARRIER	
1574.4000 - 1576.6000 MHz	600HG1D		DIGITAL CARRIER	
1574.4000 - 1576.6000 MHz	600HG2D		DIGITAL CARRIER	
1574.4000 - 1576.6000 MHz	1K20G2D		DIGITAL CARRIER	
1574.4000 - 1576.6000 MHz	10K5G2F		DIGITAL CARRIER	

1530.0000 - 1548.0000 MHz	600KFXN			Communications Systems Monitoring & test Signals
1530.0000 - 1548.0000 MHz	NON			Communications Systems Monitoring & test Signals
1525.0000 - 1559.0000 MHz	2K40G2D			DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	1K20G1D			DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	600HG1D			DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	600HG2D			DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	1K20G2D			DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	10K5G2F			DIGITAL CARRIER
SITE ID: (Ku) Hub 14.2M				
LOCATION: 2120 River Road, New Haven, Southbury, CT				
41 ° 27 ' 6.30 " N LAT.			73 ° 17 ' 16.40 " W LONG.	
ANTENNA ID:	(Ku)14.2M	14.2 meters	TIW	14.2M
SITE ID: Hub 1.2M(Ku)				
LOCATION: 2120 River Road, New Haven, Southbury, CT				
41 ° 27 ' 6.30 " N LAT.			73 ° 17 ' 16.40 " W LONG.	
ANTENNA ID:	(Hub)1.2M	1.2 meters	PRODELIN	1123
14000.0000 - 14500.0000 MHz	36M0G7W		63.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	64K0G7W		41.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	169KG7W		55.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W		55.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W			DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W			DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W			DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W			DIGITAL AUDIO, VIDEO, AND DATA
SITE ID: ESV/4006				
LOCATION: Operate up to 550 remotes (1.0M), CONUS				
ANTENNA ID:	4006	1 meters	SEATEL	4006
14000.0000 - 14500.0000 MHz	44K8G1W		34.40 dBW	SCPC USING QPSK AND BPSK MODULATION



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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	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
11450.0000 - 11200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 11200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 11200.0000 MHz	89K6G1W		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	151KG7W	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

SITE ID:        ESV/4996T

LOCATION:       Operate up to 550 remotes (1.2M), CONUS

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:        Hub (8.1M)

LOCATION:       2120 River Road, New Haven, Southbury, CT  
41 ° 27 ' 6.30 " N LAT.

73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	Vertex 8.1	8.1 meters	VERTEX	KPK
	14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
	14000.0000 - 14500.0000 MHz	100KG7W	60.07 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	32K0G7W	55.13 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	42M0G7W	86.31 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	76K8G7W	58.93 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
	14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
	14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
	14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
	14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
	11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO
	11700.0000 - 12200.0000 MHz	100KG7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	20M0G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	2M29G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	32K0G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	42M0G7W		QPSK, DIGITAL DATA

11700.0000 - 12200.0000 MHz	43K8G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	45K0G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	76K8G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	9K00G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W	QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	1M60G1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	400KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	800KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO

SITE ID: Remote 1.2m AVL  
LOCATION: 1000 (1.2M ANTENNAS), CONUS

ANTENNA ID:	AVL 1.2M	1.2 meters	AVL	1.2M Ku-band
14000.0000 - 14500.0000 MHz	1M55G7W	55.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	388KG7W	49.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	3M10G7W	58.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	64K0G7W	41.30 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	776KG7W	52.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION	
11700.0000 - 12200.0000 MHz	45M0G7W	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION		
11700.0000 - 12200.0000 MHz	64K0G7W	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION		

11450.0000 - 11700.0000 MHz	45M0G7W	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	64K0G7W	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION

SITE ID:        ESV/V110  
LOCATION:        500 (1.05M ANTENNAS) CONUS

ANTENNA ID:	V1110	1.05 meters	INTELLIAN	V110
14000.0000 - 14500.0000 MHz	194KG7W	42.40 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	1M36G7W	49.80 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	291KG7W	44.10 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	44K8G1W	36.00 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	582KG7W	47.10 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	679KG7W	47.80 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	776KG7W	48.40 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	970KG7W	49.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	39.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		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	44K8G1W		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	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		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	44K8G1W		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	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: REMOTE 1  
LOCATION: 1,000 (1.2M ANTENNAS) CONUS

ANTENNA ID: 1.2M                      1.2 meters                      ANDREW                      123/124

SITE ID: REMOTE 3 (2.4M)  
LOCATION: 500 (2.4M ANTENNAS) CONUS

ANTENNA ID:	2.4M	2.4 meters	ANDREW	243	
	14000.0000 - 14500.0000 MHz		169KG7W	61.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	14000.0000 - 14500.0000 MHz		1M62G7W	61.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: REMOTE .75 M  
LOCATION: 100 (.75 M antennas) CONUS

ANTENNA ID:	.75M	0.75 meters	VISIOSAT	VISIOSAT 75	
	14000.0000 - 14500.0000 MHz		1M52G7W	49.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	14000.0000 - 14500.0000 MHz		342KG7W	43.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: REMOTE .90 M  
LOCATION: 250 (.90 M antennas) CONUS

ANTENNA ID:	.90M	0.9 meters	VISIOSAT	VISIOSAT 90	
	14000.0000 - 14500.0000 MHz		1M52G7W	50.60 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	14000.0000 - 14500.0000 MHz		342KG7W	44.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: REMOTE .96 M  
LOCATION: 500 (.96 M antennas) CONUS

ANTENNA ID:	.96M	0.96 meters	ANDREW	TYPE 960	
	14000.0000 - 14500.0000 MHz		1M52G7W	51.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	14000.0000 - 14500.0000 MHz		342KG7W	45.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: HUB 6.1 M  
LOCATION: 2120 River Road, New Haven, Southbury, CT  
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	(Hub)6.1M	6.1 meters	VERTEX	KPK
	14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
	14000.0000 - 14500.0000 MHz	100KG7W	57.07 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	20M0G7W	80.08 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	2M29G7W	70.67 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	32K0G7W	52.13 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	36M0G7W	76.93 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	43K8G7W	53.49 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	45K0G7W	53.61 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	76K8G7W	55.93 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	9K00G7W	46.62 dBW	QPSK, DIGITAL DATA
	14000.0000 - 14500.0000 MHz	36M0G7W	71.70 dBW	QPSK, DIGITAL TELEPHONY
	14000.0000 - 14500.0000 MHz	1M60G1F	69.12 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
	14000.0000 - 14500.0000 MHz	200KG1F	60.08 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
	14000.0000 - 14500.0000 MHz	400KG1F	63.10 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
	14000.0000 - 14500.0000 MHz	800KG1F	66.11 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
	11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO
	11700.0000 - 12200.0000 MHz	100KG7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	20M0G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	2M29G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	32K0G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	43K8G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	45K0G7W		QPSK, DIGITAL DATA
	11700.0000 - 12200.0000 MHz	76K8G7W		QPSK, DIGITAL DATA



11700.0000 - 12200.0000 MHz	9K00G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W	QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	1M60G1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	400KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	800KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO

SITE ID: ESV/4003A

LOCATION: Operate up to 550 remotes (1.0M), CONUS

ANTENNA ID:	4003A	1 meters	SEATEL	4003A
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW	SPCP USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	538KG1W	45.20 dBW	SPCP USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW	SPCP 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	1M40G7W	45.80 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	
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION	

11450.0000 - 12200.0000 MHz	151KG7W	TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W	SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W	SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W	SPCP 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	SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SPCP 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/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION

SITE ID: (Ku) ESVREMOTE .75M  
LOCATION: Operate up to 500 remotes (.75M) US Internation water

ANTENNA ID: STLUSAT30      0.75 meters      SEA TEL      USAT-30

14000.0000 - 14500.0000 MHz	768KG7W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	768KG1W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	512KG7W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

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14000.0000 - 14500.0000 MHz	512KG1W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G7W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G1W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G1W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G7W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G1W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G7W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G1W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG7W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG1W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G7W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G1W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G7W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G1W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G7W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G1W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	1M02G7W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G1W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG7W	32.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG1W	32.50 dBW	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
11450.0000 - 12200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M00G1W		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
10950.0000 - 11200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M00G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: (Ku) ESV TTSAIL900  
LOCATION: Operate up to 500 remotes (1.0M) US Internation water

ANTENNA ID:	T&TSAIL900	1 meters	THRANE & THRANE	TT-7090A
14000.0000 - 14500.0000 MHz	97K0G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	89K6G1W	39.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	81K0G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	717KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	452KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

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14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	51.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	41.70 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

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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

**Points of Communication:**

- (C-) Hub 14.2M - ALSAT - (ALSAT)
- (C-) Hub 14.2M - INMARSAT 3F4 - (54 W.L.)
- (C-) Hub 14.2M - INMARSAT 4F3 - (97.65 W.L.)
- (C-) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)
- (C-) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)
- (C-) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)
- (C-) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)
- (Ku) ESV TTSAIL900 - ALSAT - (ALSAT)
- (Ku) ESVREMOTE .75M - ALSAT - (ALSAT)
- (Ku) Hub 14.2M - ALSAT - (ALSAT)
- (Ku) Hub 14.2M - INMARSAT 3F4 - (54 W.L.)
- (Ku) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)
- (Ku) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)
- (Ku) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)
- (Ku) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)
- (L) Hub 14.2M - INMARSAT 3F4 - (54 W.L.)
- (L) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)
- (L) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)
- (L) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)
- (L) Hub 14.2M - ISAT List -
- (L) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)
- ESV/4003A - ALSAT - (ALSAT)
- ESV/4003A - GALAXY 10R - (123 W.L.)
- ESV/4003A - INTELSAT 705 - (50 W.L.)

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ESV/4006 - ALSAT - (ALSAT)  
ESV/4006 - GALAXY 10R - (123 W.L.)  
ESV/4006 - INTELSAT 705 - (50 W.L.)  
ESV/4996T - ALSAT - (ALSAT)  
ESV/4996T - GALAXY 10R - (123 W.L.)  
ESV/4996T - INTELSAT 705 - (50 W.L.)  
ESV/6006 - ALSAT - (ALSAT)  
ESV/6006 - GALAXY 10R - (123 W.L.)  
ESV/6006 - INTELSAT 705 - (50 W.L.)  
ESV/V110 - ALSAT - (ALSAT)  
Hub (8.1M) - ALSAT - (ALSAT)  
Hub (8.1M) - INMARSAT 3F4 - (54 W.L.)  
Hub (8.1M) - INMARSAT Ltd-3 - (15.5 W.L.)  
Hub (8.1M) - INMARSAT-2 AOR-EAST - (17 W.L.)  
Hub (8.1M) - INMARSAT-2 AOR-WEST - (98 W.L.)  
Hub (8.1M) - MARISAT-F2 - (33.9 W.L.)  
HUB 6.1 M - ALSAT - (ALSAT)  
REMOTE .75 M - NSS-7 - (338.5 E.L.)  
REMOTE .90 M - NSS-7 - (338.5 E.L.)  
REMOTE .96 M - NSS-7 - (338.5 E.L.)  
REMOTE 1 - ALSAT - (ALSAT)  
Remote 1.2m AVL - ALSAT - (ALSAT)  
REMOTE 2 - ALSAT - (ALSAT)  
REMOTE 3 (2.4M) - ALSAT - (ALSAT)

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**SES-MOD-20120111-00047**    E E000549    FOX BROADCASTING COMPANY

Application for Modification

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

Fox Broadcasting Company seeks to modify the registration (E000549) of their receive-only earth station in W. Palm Beach, Florida. WFLX is relocating their W. Palm Beach facility and is adding two new receive-only earth stations at the new location. The new earth stations will be located adjacent to each other and will be used to provide analog and digital audio and video for broadcast and programming services to their viewers.

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SITE ID: 1  
LOCATION: 1100 BANYAN BLVD., PALM BEACH, W. PALM BEACH, FL  
26 ° 42 ' 48.30 " N LAT. 80 ° 3 ' 54.30 " W LONG.

ANTENNA ID:	1	7 meters	AFC	7 M.
	3700.0000 - 4200.0000 MHz		36M0G7F	DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F8F	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
ANTENNA ID:	C1 & C2	4.5 meters	ANDREW CORPORATION	4.5M.
	3700.0000 - 4200.0000 MHz		36M0F8F	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	3700.0000 - 4200.0000 MHz		36M0G7F	DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20120111-00048** E E000429 FOX BROADCASTING COMPANY

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company seeks to modify the registration (E000429) of their C-band, receive-only earth station. KFXK is re-locating their Longview facility to Tyler, Texas, and they are adding two new antennas at the new location. The antennas will be installed adjacent to each other and will be used to provide analog and digital audio and video for broadcast and programming services to their viewers.

SITE ID: 1  
LOCATION: 4300 RICHMOND ROAD, SMITH, TYLER, TX  
32 ° 18 ' 7.70 " N LAT. 95 ° 18 ' 26.60 " W LONG.

ANTENNA ID:	1	5 meters	AFC	5 M.
	3700.0000 - 4200.0000 MHz		36M0G7F	DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F8F	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
ANTENNA ID:	C1 & C2	4.5 meters	ANDREW CORPORATION	4.5M.
	3700.0000 - 4200.0000 MHz		36M0F8F	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	3700.0000 - 4200.0000 MHz		36M0G7F	DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-MOD-20120111-00049 E E000546 FOX BROADCASTING COMPANY

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company seeks to modify the registration (E000546) of their C-band, receive-only earth station at WTGS in Savannah, Georgia. WTGS is re-locating to a new site, and they are adding two new earth stations at the new location. The new antennas will be installed adjacent to each other, and will be used to provide analog and digital audio and video for broadcast and programming services to their viewers.

SITE ID: 1

LOCATION: 1375 CHATHAM PARKWAY, CHATHAM, SAVANNAH, GA

32 ° 3 ' 36.90 " N LAT.

81 ° 9 ' 51.60 " W LONG.

ANTENNA ID:	1	5 meters	AFC	5 M.
	3700.0000 - 4200.0000 MHz		36M0G7F	DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F8F	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
ANTENNA ID:	C1 & C2	4.5 meters	ANDREW CORPORATION	4.5M.
	3700.0000 - 4200.0000 MHz		36M0F8F	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	3700.0000 - 4200.0000 MHz		36M0G7F	DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-MOD-20120119-00070 E KE50 Alascom, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

"MOD" to correct longitude to East from West.

SITE ID: 1

LOCATION: SHEMA, AK

52 ° 43 ' 31.00 " N LAT.

174 ° 8 ' 32.00 " E LONG.

ANTENNA ID:	1	11 meters	VERTEX	11KPC
	5925.0000 - 6425.0000 MHz		30K0F3E	49.90 dBW
	5925.0000 - 6425.0000 MHz		64K0F1D	48.90 dBW
	5925.0000 - 6425.0000 MHz		2M06F1D	64.60 dBW
	3700.0000 - 4200.0000 MHz		30K0F3E	

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3700.0000 - 4200.0000 MHz	64K0F1D
3700.0000 - 4200.0000 MHz	2M06F1D
3700.0000 - 4200.0000 MHz	17M5F3F
3700.0000 - 4200.0000 MHz	25M0F3W
3700.0000 - 4200.0000 MHz	36M0F3W

**Points of Communication:**

1 - ALSAT - (ALSAT)

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