



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-01320

Wednesday February 9, 2011

## SATELLITE COMMUNICATIONS SERVICES

### RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

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

SES-AMD-20101230-01642 E E100117 COMMUNICATIONS LABORATORIES, INC.

Amendment

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

This second amendment replaces the data previously submitted on 312 Schedule B for the 6.3 meter and 3.8 meter hub antennas, as well as, the 1.2 and 1.8 meter remote antennas. The hub antennas (6.3 meter and 3.8 meter) will access ALSAT, where the remote antennas (0.96 meter, 1.2 meter and 1.8 meter) will be limited to AMC 21 at 125 degrees West Longitude. In addition the applicant is citing a previous grant in regard to the compliance with FCC 25.209 for the .96 meter antenna. Authority for the use of this antenna model and type was granted under SES MOD 2005 0803-01034, and is associated with pending license SES-LIC-20101027-01345.

SITE ID: HUB1

LOCATION: 750 NORTH DRIVE (3.8M.) HUB-1, BREVARD, MELBOURNE, FL

28 ° 7 ' 12.00 " N LAT.

80 ° 41 ' 35.00 " W LONG.

ANTENNA ID:	Hub 1	3.8 meters	PRODELIN	1383
	14000.0000 - 14500.0000 MHz	2M00G7D	56.18 dBW	QPSK DATA
	14000.0000 - 14500.0000 MHz	1M50G7D	54.94 dBW	QPSK DATA
	11700.0000 - 12200.0000 MHz	2M00G7D		QPSK DATA
	11700.0000 - 12200.0000 MHz	1M50G7D		QPSK DATA

SITE ID: HUB2

LOCATION: 750 NORTH DRIVE (6.3M.) HUB-2, BREVARD, MELBOURNE, FL

28 ° 7 ' 12.00 " N LAT.

80 ° 41 ' 35.00 " W LONG.

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ANTENNA ID:	Hub 2	6.3 meters	VERTEX	6.3M.	
	14000.0000 - 14500.0000 MHz		2M00G7D	56.38 dBW	QPSK DATA
	14000.0000 - 14500.0000 MHz		1M50G7D	55.34 dBW	QPSK DATA
	11700.0000 - 12200.0000 MHz		2M00G7D		QPSK DATA
	11700.0000 - 12200.0000 MHz		1M50G7D		QPSK DATA

SITE ID: REMOTE 2P  
LOCATION: (1.2M. VSAT), 2500 UNITS, CONUS, AK, HI, PR

ANTENNA ID:	Remote 2P	1.2 meters	PRODELIN	1120	
	14000.0000 - 14500.0000 MHz		2M00G7D	47.41 dBW	QPSK DATA
	14000.0000 - 14500.0000 MHz		1M00G7D	44.79 dBW	QPSK DATA
	11700.0000 - 12200.0000 MHz		2M00G7D		QPSK DATA
	11700.0000 - 12200.0000 MHz		1M50G7D		QPSK DATA

SITE ID: REMOTE 3  
LOCATION: (1.8M. VSAT), 500 UNITS, CONUS, AK, HI, PR

ANTENNA ID:	Remote 3	1.8 meters	PRODELIN	1183	
	14000.0000 - 14500.0000 MHz		2M00G7D	48.07 dBW	QPSK DATA
	14000.0000 - 14500.0000 MHz		1M00G7D	45.06 dBW	QPSK DATA
	11700.0000 - 12200.0000 MHz		2M00G7D		QPSK DATA
	11700.0000 - 12200.0000 MHz		1M50G7D		QPSK DATA

SITE ID: REMOTE 4A  
LOCATION: (1.2M. VSAT), 200 UNITS, CONUS, AK, HI, PR

ANTENNA ID:	Remote 4A	1.2 meters	ANDREW	123	
	14000.0000 - 14500.0000 MHz		2M00G7D	47.50 dBW	QPSK DATA
	14000.0000 - 14500.0000 MHz		1M00G7D	44.89 dBW	QPSK DATA
	11700.0000 - 12200.0000 MHz		2M00G7D		QPSK DATA
	11700.0000 - 12200.0000 MHz		1M50G7D		QPSK DATA

SITE ID: REMOTE 1A  
LOCATION: (0.96M. VSAT), 150 UNITS, CONUS, AK, HI, PR

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ANTENNA ID:	Remote 1A	0.96 meters	ANDREW	960	
	14000.0000 - 14500.0000 MHz		2M00G7D	46.75 dBW	QPSK DATA
	14000.0000 - 14500.0000 MHz		1M00G7D	44.53 dBW	QPSK DATA
	11700.0000 - 12200.0000 MHz		2M00G7D		QPSK DATA
	11700.0000 - 12200.0000 MHz		1M50G7D		QPSK DATA

**Points of Communication:**

HUB1 - ALSAT - (ALSAT)

HUB1 - AMC 21 - (125 W.L.)

HUB2 - ALSAT - (ALSAT)

REMOTE 1A - AMC 21 - (125 W.L.)

REMOTE 2P - AMC 21 - (125 W.L.)

REMOTE 3 - AMC 21 - (125 W.L.)

REMOTE 4A - AMC 21 - (125 W.L.)

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**SBS-LIC-20100921-01195**    E E100106    THE BOEING COMPANY

Application for Authority

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

SITE ID:                    1

LOCATION:                    20403 68TH AVE. S. (3.9M. KA-), KING, KENT, WA

47 ° 25 ' 8.00 " N LAT.

122 ° 15 ' 10.00 " W LONG.

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ANTENNA ID:	3.9M. KA	3.9 meters	GENERAL DYNAMICS	VERTEX RSI 3.9M FMA	
	28350.0000 - 28600.0000 MHz		39M0G7D	75.10 dBW	DIGITAL DATA CARRIER
	28350.0000 - 28600.0000 MHz		38M0G7D	75.00 dBW	DIGITAL DATA CARRIER
	28350.0000 - 28600.0000 MHz		36M0G7D	74.80 dBW	DIGITAL DATA CARRIER
	28350.0000 - 28600.0000 MHz		34M0G7D	74.50 dBW	DIGITAL DATA CARRIER
	28350.0000 - 28600.0000 MHz		32M0G7D	74.30 dBW	DIGITAL DATA CARRIER
	28350.0000 - 28600.0000 MHz		30M0G7D	74.00 dBW	DIGITAL DATA CARRIER
	28350.0000 - 28600.0000 MHz		29M0G7D	73.90 dBW	DIGITAL DATA CARRIER
	28350.0000 - 28600.0000 MHz		28M0G7D	73.70 dBW	DIGITAL DATA CARRIER

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28350.0000 - 28600.0000 MHz	26M0G7D	73.40 dBW	DIGITAL DATA CARRIER
28350.0000 - 28600.0000 MHz	24M0G7D	72.90 dBW	DIGITAL DATA CARRIER
28350.0000 - 28600.0000 MHz	22M0G7D	72.60 dBW	DIGITAL DATA CARRIER
28350.0000 - 28600.0000 MHz	20M0G7D	72.10 dBW	DIGITAL DATA CARRIER
28350.0000 - 28600.0000 MHz	18M0G7D	71.80 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	18M0G7D	71.80 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	20M0G7D	72.10 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	22M0G7D	72.60 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	24M0G7D	72.90 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	26M0G7D	73.40 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	28M0G7D	73.70 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	29M0G7D	73.90 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	30M0G7D	74.00 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	32M0G7D	74.30 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	34M0G7D	74.50 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	36M0G7D	74.80 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	38M0G7D	75.00 dBW	DIGITAL DATA CARRIER
29250.0000 - 30000.0000 MHz	39M0G7D	75.10 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	39M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	38M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	36M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	34M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	32M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	30M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	29M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	28M0G7D	0.00 dBW	DIGITAL DATA CARRIER

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18300.0000 - 18800.0000 MHz	26M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	24M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	22M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	20M0G7D	0.00 dBW	DIGITAL DATA CARRIER
18300.0000 - 18800.0000 MHz	18M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	18M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	20M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	22M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	24M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	26M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	28M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	29M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	30M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	32M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	34M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	36M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	38M0G7D	0.00 dBW	DIGITAL DATA CARRIER
19700.0000 - 20200.0000 MHz	39M0G7D	0.00 dBW	DIGITAL DATA CARRIER

**Points of Communication:**

1 - AMC-15 - (105 W.L.)

1 - AMC-16 - (85 W.L.)

1 - GALAXY 28 - (89.0 W.L.)

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**SES-LIC-20110208-00117**    E E110007    Denali 20020, LLC

Application for Authority

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

**SITE ID:**                    1

**LOCATION:**                  Defense Media Activity Center 6225 Rock Ave., Anne Arundel, Ft. Meade, MD

39 ° 5 ' 27.56 " N LAT.

76 ° 44 ' 38.02 " W LONG.

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ANTENNA ID:	1	6.3 meters	Vertex RSI	6.3 Meter
	14000.0000 - 14500.0000 MHz	1M23G7W	68.37 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz	9M00G7W	77.02 dBW	Digital Data Carrier
	11700.0000 - 12200.0000 MHz	1M23G7W		Digital Data Carrier
	11700.0000 - 12200.0000 MHz	9M00G7W		Digital Data Carrier

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20110208-00118** E E110008 Denali 20020, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 23755 Z Street Defense Media Center, Riverside, Riverside, CA  
 33 ° 54 ' 23.00 " N LAT. 117 ° 14 ' 57.50 " W LONG.

ANTENNA ID:	1	6.3 meters	Vertex RSI	6.3 Meter
	5925.0000 - 5959.0000 MHz	1M23G7W	56.27 dBW	Digital Data Carrier
	5991.0000 - 6107.0000 MHz	1M23G7W	56.27 dBW	Digital Data Carrier
	6139.0000 - 6181.0000 MHz	1M23G7W	56.27 dBW	Digital Data Carrier
	6243.0000 - 6270.0000 MHz	1M23G7W	56.27 dBW	Digital Data Carrier
	6332.0000 - 6425.0000 MHz	1M23G7W	56.27 dBW	Digital Data Carrier
	5925.0000 - 5959.0000 MHz	9M00G7W	64.92 dBW	Digital Data Carrier
	5991.0000 - 6107.0000 MHz	9M00G7W	64.92 dBW	Digital Data Carrier
	6139.0000 - 6181.0000 MHz	9M00G7W	64.92 dBW	Digital Data Carrier
	6243.0000 - 6270.0000 MHz	9M00G7W	64.92 dBW	Digital Data Carrier
	6332.0000 - 6425.0000 MHz	9M00G7W	64.92 dBW	Digital Data Carrier
	3700.0000 - 4200.0000 MHz	1M23G7W		Digital Data Carrier
	3700.0000 - 4200.0000 MHz	9M00G7W		Digital Data Carrier

**Points of Communication:**

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1 - AMC 9 - (83 W.L.)

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**SES-MFS-20110128-00066** E E080011 Intelsat License LLC

Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

"MOD" to change emission designator and related service, to relocate fixed station and to change points of communication.

**SITE ID:** Clarksburg

**LOCATION:** 17633 TECHNOLOGY BLVD, WASHINGTON, HAGERSTOWN, MD

39 ° 35 ' 57.00 " N LAT.

77 ° 45 ' 21.00 " W LONG.

ANTENNA ID:	1	16.4 meters	Cosat/RSI	16.4M
	5925.0000 - 6425.0000 MHz	36M0F8F	80.00 dBW	VIDEO SERVICES
	5925.0000 - 6425.0000 MHz	2M00G7F	80.00 dBW	DATA, VOICE AND VIDEO SERVICES
	5925.0000 - 6425.0000 MHz	36M0G7F	80.00 dBW	DATA, VOICE AND VIDEO SERVICES
	3700.0000 - 4200.0000 MHz	1M50G7D		TT&C
	3700.0000 - 4200.0000 MHz	100KG7W		DATA SERVICES
	3700.0000 - 4200.0000 MHz	36M0F8F		VIDEO SERVICES
	3700.0000 - 4200.0000 MHz	2M00G7F		DATA, VOICIE AND VIDEO SERVICES
	5925.0000 - 6425.0000 MHz	1M50G7D	80.00 dBW	TT&C
	3700.0000 - 4200.0000 MHz	36M0G7F		DATA, VOICE AND VIDEO SERVICES
	5925.0000 - 6425.0000 MHz	100KG7W	70.00 dBW	DATA SERVICES

**Points of Communication:**

Clarksburg - ALSAT - (ALSAT)

Clarksburg - INTEL 903 - (34.5 W.L.)

Clarksburg - INTEL 905 - (24.5 W.L.)

Clarksburg - INTEL 907 - (27.5 W.L.)

Clarksburg - INTELSAT 805 - (304.5 E.L.)

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**SES-MOD-20110121-00042** E E920099 Des Moines Hearst Television Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

"MOD" to add new emission designator and related service.

SITE ID: 1  
LOCATION: 888 NINTH STREET, 50309, DES MOINES, IA  
41 ° 35 ' 35.00 " N LAT. 93 ° 37 ' 48.00 " W LONG.

ANTENNA ID:	1	4.6 meters	ANDREW	ESA46-124
14000.0000 - 14500.0000 MHz		36M0F3F	72.40 dBW	
11700.0000 - 12200.0000 MHz		36M0F3F		
14000.0000 - 14500.0000 MHz		36M0F3F	72.20 dBW	FM FDM CARRIER FOR VIDEO TRANSMISSIONS
14000.0000 - 14500.0000 MHz		36M0G7W	72.00 dBW	MCPC DIGITAL CARRIER FOR VIDEO/VOICE/DATA
11700.0000 - 12200.0000 MHz		36M0F3F		
11700.0000 - 12200.0000 MHz		36M0G7W		

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20110128-00069** E KA313 Vizada, Inc.

Application for Modification

**Class of Station:** Other

**Nature of Service:** Other

"MOD" to add antenna.

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: 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

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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:        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
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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:

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	89K6G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		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	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
10950.0000 - 11200.0000 MHz	151KG7W		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
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION



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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

**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) 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-20110201-00097**    E E2236    Alascom, Inc.  
Application for Modification  
**Class of Station:**        Fixed Earth Stations  
**Nature of Service:**      Fixed Satellite Service

"MOD" to add new emission designator and related service, and to change emission designator and related service.

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SITE ID: 1  
LOCATION: SLEETMUTE, AK  
61 ° 42 ' 6.00 " N LAT. 157 ° 10 ' 20.00 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-39239
5925.0000 - 6425.0000 MHz		18M9G1D	59.50 dBW	VARIOUS PSK & QAM - DATA
5925.0000 - 6425.0000 MHz		29K0G1D	48.80 dBW	VARIOUS PSK & QAM - DATA
5925.0000 - 6425.0000 MHz		57K0G7W	51.80 dBW	VARIOUS PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz		18M9G1D	0.00 dBW	VARIOUS PSK & QAM - DATA
3700.0000 - 4200.0000 MHz		29K0G1D	0.00 dBW	VARIOUS PSK & QAM - DATA
3700.0000 - 4200.0000 MHz		18M9G7W	0.00 dBW	VARIOUS PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz		57K0G7W	0.00 dBW	VARIOUS PSK & QAM - VOICE AND DATA
5925.0000 - 6425.0000 MHz		18M9G7W	59.50 dBW	VARIOUS PSK & QAM - VOICE AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-REG-20110131-00071 E E110006 FALCON VIDEO COMMUNICATIONS, L.P.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1109 EAST UNIVERSITY WAY, KITTITAS, ELLENSBURG, WA  
47 ° 0 ' 8.40 " N LAT. 120 ° 31 ' 51.30 " W LONG.

ANTENNA ID:	C1	5 meters	ANTENNA TECH. CORP.	SIMULSAT 5M.
3700.0000 - 4200.0000 MHz		36M0F8W		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
3700.0000 - 4200.0000 MHz		36M0G7W		DIGITAL AUDIO AND VIDEO

**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.